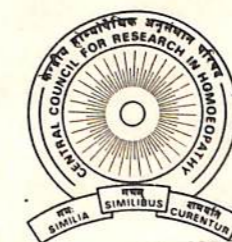


ANNUAL REPORT  
AND  
AUDITED ACCOUNTS  
1995-96



CENTRAL COUNCIL FOR RESEARCH IN HOMOEOPATHY  
NEW DELHI

# C O N T E N T S

SUBJECT	PAGE NO.
INTRODUCTION	1
<b>PART - I</b>	
ORGANISATION	5
Governing Body	5
Standing Finance Committee	7
Scientific Advisory Committee	7
Sub-Committee on Literary Research	9
ORGANISATIONAL NETWORK	10
BUDGET PROVISION	10
<b>PART - II</b>	
RESEARCH PROGRAMME	12
Clinical Research	58
Clinical Research in Epidemics	60
Clinical Research (Tribal)	81
Clinical Verification Research	126
Drug Proving	129
Drug Research	137
Literary Research	139
Documentation	
IN-SERVICE TRAINING PROGRAMME	143
PUBLICATIONS	146
ACKNOWLEDGEMENTS	147
SUBORDINATE INSTITUTES AND UNITS	148
<b>PART - III</b>	
AUDITED ANNUAL ACCOUNTS	151

## INTRODUCTION

The Central Council for Research in Homoeopathy is a premier organisation in the country engaged in systematic and scientific research in the field of Homoeopathy. The Council was constituted on the 30th March, 1978 as an autonomous organisation under the Ministry of Health and Family Welfare after dissolution of the then CCRIMH. It was, however in January 1979 that the Council started functioning as an independent organisation.

The Council has made steady progress towards furtherance of the objectives set out for it and has a network of 51 Institutes/Units located in the different parts of the country. In accomplishing the tasks, the Council was greatly guided, by the Governing Body, Standing Finance Committee and Scientific Advisory Committee.

The Council continued its research activities in the field of Clinical Research (including clinical research in tribal areas and research studies on epidemics), Clinical Verification, Drug Proving, Drug Research and Standardisation including Survey & Collection of Medicinal Plants and Literary Research during the current year.

The Council continued to provide medicare through its Out Patient Departments (OPD) at the various Institutes and Units of the Council. Seven lakh twenty three thousand one hundred and fifty eight (7,23,158) cases have been treated during this financial year. This includes the OPD attendance and research cases, cases treated in tribal areas, clinical verification units and epidemic camps.

The 28th and 29th meetings of the Scientific Advisory Committee were held on 11th April, 1995 and 27th March, 1996 at CCRH Hqrs., New Delhi to discuss the various technical proposals of the Council on the ongoing as well as future programmes. The assignments of the various Institutes/Units under the Council for the year 1995-96 were approved. Various recommendations for the improvement on the projects already being undertaken were made to make it more result oriented.

The 28th and 29th meetings of the Standing Finance Committee (SFC) were held on 17th July, 1995 and 26th February, 1996 at New Delhi respectively to discuss the various budgetary proposals submitted by the Council.

The 22nd and 23rd meetings of the Sub-committee on Literary Research were held on 5th and 6th September, 1995 and 14th and 15th November, 1995 at CCRH Hqr., New Delhi and Homoeopathic Research Institute, Puri (Orissa) respectively. The additions recommended in the chapters Generalities and Nose were approved.

The Council continued the disease-related clinical research studies on 22 projects and drug - related clinical research studies on 13 projects through its twenty (20) Institutes/Units situated in various parts of India, on the already formulated and implemented protocols, and standard case taking proformae so as to obtain uniform data through systematic studies.

The project on clinical trial of homoeopathic medicines in the management of HIV infection/AIDS was continued at Regional Research Institute, Bombay and Clinical Research Unit, Madras. During the year 1995-96, 189 HIV carriers (97 at Bombay and 92 at Madras) were registered for study. Eighty four (84) of these have been enrolled in the double blind randomized controlled study initiated at Bombay from this year. A protocol finalised by Indian Council for Medical Research (ICMR) has been adopted. The outcome of this study will be known at the time of conclusion of the study. Ninety five (95) of these individuals being symptom free were treated with homoeopathic medicines whose pathogenesis corresponded with their inherent constitutional (mental, emotional and physical) attributes. Ten cases presented with manifestations characteristic of symptomatic phase viz. AIDS related complex (ARC) - 8, AIDS - 2 and these were treated symptomatically. The results obtained so far, suggest a positive role of the homoeopathic medicines in the management of HIV and related clinical conditions. No untoward adverse reactions to homoeopathic medicine(s) were observed during the course of study.

The Central Research Institute, Kottayam continued the project to study the therapeutic efficacy of homoeopathic medicines in behaviour problems of the mentally retarded children and other associated disorders. From the results obtained it is found that the homoeopathic medicines have found to be effective in controlling and removing the behaviour symptoms and antisocial activity in mentally retarded children.

A study to ascertain the efficacy of homoeopathic medicines in the treatment of iron deficiency anaemia was initiated at Regional Research Institute(H), New Delhi. The results obtained so far have been encouraging. 5 (five) cases out of 24 (twenty four) cases registered during this year have shown more than 2.5 gm.% increase in haemoglobin in six months duration after homoeopathic treatment. The project is to continue.

The drug related clinical research studies on Amoebiasis, Behavioural disorders, Bronchial Asthma, Cervicitis & Cervical Erosion, Filaria and Intermittent Fever were continued on the group of medicines identified as the most effective for a particular disease under the disease related research studies. The results obtained have confirmed most of the indications of the drugs as noted earlier and the parameters for selection of these drugs have been drawn, but they need further reconfirmation. Under the project on Filaria it has been observed that four medicines viz. Rhus tox., Bryonia alba, Sulphur and Apis mellifica were found most frequently indicated and effective amongst the ten identified assigned drugs. The reliable indications are also being clinically verified.

The Clinical Research Units in tribal areas continued the drug-related clinical research studies on nineteen (19) research projects on various diseases found prevalent in that particular region during the survey. The drugs assigned under these project are mostly partially proved drugs and said to have traditional or empirical use or have a special affinity for the organ(s) in particular disease conditions. The reliable indications of some of these drugs have been identified but are being verified further for confirmation.

In the wake of outbreaks of Encephalitis in Muzaffarpur Distt. (Bihar) in June, 1995 the Council distributed the prophylaxis through its Clinical Verification Unit at Patna. The genus epidemicus - Belladonna was determined after studying cases of Encephalitis. Belladonna 200, 6 doses, each to be taken twice daily for 3 days was given to 287 children. The children in the age group of 4-7 years were most affected. None of the children reported signs and symptoms of Encephalitis during follow-up. Eleven patients suffering from Encephalitis were provided homoeopathic treatment. Homoeopathic medicines, Arsenic album 30 and Helleborus 30 proved to be very efficacious.

The proving of new remedies and re-proving of existing ones in order to expand the homoeopathic armamentarium was continued this year. Thirty nine (39) drugs have been proved so far. The data of six (6) drugs has been published in the form of Monographs and twenty eight (28) drugs have been published in various issues of the CCRH Quarterly Bulletin. During this year proving of three (3) drugs has been completed.

The clinical verification of the symptomatology of sixty four (64) drugs including twenty two (22) drugs proved by the Council was continued. The symptoms of various drugs verified in large number of patients are picked up to indicate reliable indications of the drugs thus fulfilling the long felt need of confirming the scanty and scattered symptom-complexes of the lesser known drugs. After the symptoms of the proving data of a particular drug are repeatedly verified, these are published in Quarterly Bulletin/CCRH News of the Council from time to time. The reliable indications of some of the drugs whose data has been confirmed and verified for certain common diseases like Diabetes, Skin disorders, Hypertension, Renal Calculi, Female disorders, Headache, Cough & Coryza, Fevers etc. have been published.

The manuscript of two monographs "A proving of *Atista indica*" and "A proving of *Hydrocotyle asiatica*" including the clinical verification studies is under finalisation for publication.

Drug Standardisation studies with regard to the preparation of finished products from the genuine raw drugs material was continued during this year. This involves a multidisciplinary approach envisaging pharmacognostic, physico-chemical and pharmacological parameters in order to study various qualitative characteristics of the drugs. So far pharmacognostical studies on 204 drugs, physico-chemical studies on 189 drugs, pharmacological studies on 135 drugs and histochemical studies on 6 drugs have been completed.

The Survey of Medicinal Plants & Collection Unit located at Udthagamandalam in Tamil Nadu conducts survey of areas rich in medicinal plants and also collects raw drug samples and supplies them to the Institutes/Units where drug standardisation studies are being conducted.

The development of the Homoeopathic Medicinal Plants Research Garden at Emerald Post, Nilgiri Dist., Tamil Nadu for cultivation of exotic plants used in Homoeopathy is in progress on 12.70 acres of land taken on lease from

the Govt. of Tamilnadu. *Cineraria maritima*, an exotic plant has been cultivated successfully on 3 acres of land. Approximately 11,000 saplings have been raised. Besides this *Digitalis purpurea* has been grown on 0.3 acres of the land. The germplasm collections of *Apium graveolens*, *Petroselinum crispum* and *Argemone ochroleuca* have been grown.

The second series of the In-service Training Programmes in various fields were organised by the Council with specific grant in aid received from the Ministry of Health & Family Welfare. These training programmes are organised to keep research workers of the Council abreast and updated with latest research findings and techniques in the field of Homoeopathy, and to have an opportunity for interaction and first hand feed back from them. These training programmes also include re-orientation on administration, management and accounts. Six (6) such training programmes on Drug Proving, Drug Standardisation, Literary Research, Clinical Verification, Clinical Research and Survey of Medicinal Plants were organised during this year.

A one day Information Meet on CD-ROM and On-Line Technology was organised by Central Council for Research in Homoeopathy at Jawahar Lal Nehru Bhartiya Chikitsa avum Homoeopathic Anusandhan Bhawan, Janakpuri, New Delhi on 27th February, 1996. The purpose of this meet was to interact and to create an awareness between Information Technology and Users. About 40 participants from all the Councils of Indian Systems of Medicine and Homoeopathy attended the Meet.

Six regional workshops and one state level workshop on Iodine Deficiency Disease Control, Malnutrition and AIDS were organised by Homoeopathic Drug Research Institute (HDRI), Lucknow (U.P.) with financial support from UNICEF in various parts of Uttar Pradesh. The main aim was to involve the homoeopathic physicians in control of these diseases.

Apart from organising the inservice training programmes, the Council utilises every opportunity to disseminate its research activities and achievements at various national and international conferences/seminars/workshops from time to time. During this year the research workers participated and presented papers at conferences/seminars organised by various homoeopathic organisations at New Delh, Pune, Bangalore and Hissar and, internationally at Australia and Mexico.

A book entitled "Additions to Kent's Repertory from Boericke's Repertory in relation to other works on Chapters Larynx & Trachea, Respiration, Cough, Expectoration and Chest" was released by the then Hon'ble Union Minister for Health & Family Welfare Sh. A.R. Antulay on 17th November, 1995 on the occasion of a Seminar organised by IIHP at FICCI Auditorium, New Delhi. This is the fifth book in the series.

The publication of the CCRH Quarterly Bulletin and CCRH News was continued. The Vol.17 of the Bulletin and No.22 issue of the News have been published. The various papers presented in the Re-orientation In-service Training Programme on Drug Standardisation and the data of three drugs viz. *Embelia ribes*, *Lapis alba* and *Thymol* proved by the Council have been published in the Vol.17(1&2) 1994 and Vol.17(3&4) 1995 issues of the Quarterly Bulletin respectively.

One book on Chapters "Larynx & Trachea, Respiratory, Cough, Expectoration and Chest", under the project Review & Revision of Kent's Repertory from Boericke's Repertory in relation to other works has been published. Two more chapters on "Mind" and "Nose" are under print. The manuscript of the revised and enlarged edition of "The Check List of Homoeopathic Medicinal Plants of India" has been prepared and is under print.

The actual expenditure of the Council in the year 1995-96 under the Plan was 180.00 lakhs and under Non-Plan was 160.00 lakhs. Keeping in line with the directions of the Governing Body, the Council has during this year also stressed on consolidation and strengthening of existing schemes rather than on expansion.

  
(DR. D.P. RASTOGI)  
DIRECTOR

**PART - I**

**ORGANISATION**

Governing Body  
Standing Finance Committee  
Scientific Advisory Committee  
Working Group

**ORGANISATIONAL NETWORK**

**BUDGET PROVISION**

**ORGANISATION**

The Central Council for Research in Homoeopathy was established on 30th March, 1978 under the Societies Registration Act XXI of 1860 with following main objectives:-

1. The formulations of aims and patterns of research on scientific lines in Homoeopathy.
2. To undertake any research or other programmes in Homoeopathy.
3. The prosecution of/and assistance in research, the propagation of knowledge and experimental measures generally in connection with the causation, mode of spread and prevention of diseases.
4. To initiate, aid, develop and coordinate scientific research in different aspects, fundamental and applied of Homoeopathy and to promote and assist institution of research for the study of the diseases, their prevention, causation and remedy etc.

During the period under report ending 31st March, 1996 the membership of the Society and Governing Body of the Council was as under:

**GOVERNING BODY**

- |    |  |                |
|----|--|----------------|
| 1. | Union Minister for Health and Family Welfare,<br>Nirman Bhawan,<br>NEW DELHI                 | President      |
| 2. | Union Minister of State for Health & Family Welfare,<br>Nirman Bhawan,<br>NEW DELHI          | Vice President |
| 3. | Secretary,<br>Ministry of Health & Family Welfare,<br>Nirman Bhawan,<br>NEW DELHI            | Member         |
| 4. | Joint Secretary (FA),<br>Ministry of Health & Family Welfare,<br>Nirman Bhawan,<br>NEW DELHI | "              |
| 5. | Joint Secretary (B)<br>Ministry of Health & Family Welfare,<br>Nirman Bhawan,<br>NEW DELHI   | "              |
| 6. | Advisor (Homoeo)<br>Ministry of Health & Family Welfare,<br>Nirman Bhawan,<br>NEW DELHI      | "              |

7. Director,  
Homoeopathic Pharmacopoeia Lab.,  
Govt. of India,  
Office Complex,  
Near Hapur Chungi,  
GHAZIABAD (U.P.) Member
8. Principal,  
Fr. Muller Homoeopathic Medical College,  
MANGALORE  
(KARNATAKA).
9. Principal,  
Nehru Homoeopathic Medical  
College & Hospital,  
B-Block, Defence Colony,  
NEW DELHI.
10. Dr. Ravi M. Nair  
Prem Nilay, Attukal,  
Maniakkudu P.O.  
TRIVANDRUM  
(KERALA).
11. Prof. R.N. Khanna  
Deptt. of Chemistry,  
Delhi University,  
DELHI.
12. Prof. S. C. Gupta  
Deptt. of Botany,  
Delhi University,  
DELHI.
13. Prof. Girish Tayal  
ADG(ME),  
Directorate General of  
Health Services,  
Nirman Bhawan,  
NEW DELHI.
14. Dr. V.H. Talib  
Head of Deptt.,  
(Clinical Pathology),  
Safdarjung Hospital,  
NEW DELHI.
15. Director,  
National Institute of Homoeo.,  
Block-GE-Sector-3,  
Salt Lake City,  
CALCUTTA.

16. Director,  
Central Council for Research  
in Homoeopathy,  
61-65 Institutional Area,  
D-Block, Janakpuri,  
NEW DELHI. Member-Secretary

The Governing Body manages the affairs of the Council, reviews the progress made by the Council and approves the new schemes and annual budget of the Council.

#### STANDING FINANCE COMMITTEE

1. Joint Secretary/Director/  
Deputy Secretary  
Incharge of ISM,  
Ministry of Health & Family Welfare,  
Nirman Bhawan,  
NEW DELHI. Chairman
2. Joint Secretary(FA)/  
Deputy Secretary(IF)  
Ministry of Health & Family Welfare,  
Nirman Bhawan,  
NEW DELHI. Member
3. Dr. V.T. Augustine  
Advisor (Homoeo),  
Ministry of Health & Family Welfare,  
Nirman Bhawan,  
NEW DELHI.
4. Director  
Central Council for Research  
in Homoeopathy,  
61-65 Institutional Area,  
D-Block, Janakpuri,  
NEW DELHI. Member-Secretary

The 28th and 29th meetings of the Standing Finance Committee (SFC) were held on 17th July, 1995 and 26th February, 1996 at New Delhi respectively.

#### SCIENTIFIC ADVISORY COMMITTEE

1. Dr. B.N. Chakraborty  
5, Subal Kolay Lane,  
HOWRAH(W.B.) Member
2. Dr. Anil R. Bhatia  
803/4, Stellar Tower  
Lokhandwala Complex  
Four Bungalows,  
Andheri (W).  
BOMBAY.

- |     |  |                  |
|-----|--|------------------|
| 3.  | Dr. A.U. Ramakrishnan<br>22, Raja Ratnam Street,<br>Kilpauk,<br>MADRAS.  | Member           |
| 4.  | Dr. R.P. Patel<br>Hahnemann House,<br>College Road,<br>KOTTAYAM (KERALA).  | "                |
| 5.  | Dr. G.L.N. Shastry<br>1-4-880/20/8A,<br>Gandhi Nagar,<br>HYDERABAD.  | "                |
| 6.  | Dr. R.K. Kapoor<br>F.No.33, Block No. 5,<br>Civil Lines,<br>ALLAHABAD(U.P.).   | "                |
| 7.  | Dr. Girendra Pal<br>Homoeopathic Research Instt.<br>for Malaria,<br>Dr. Madan Pratap Khuteta<br>Rajasthan Homoeopathic Medical<br>College & Hospital,<br>Station Road,<br>JAIPUR(RAJASTHAN). | "                |
| 8.  | Dr. V.H. Talib<br>Head of Deptt.<br>(Clinical Pathology)<br>Safdarjung Hospital,<br>NEW DELHI.   | "                |
| 9.  | Dr. D.P. Rastogi<br>Director,<br>Central Council for Research<br>in Homoeopathy,<br>61-65 Institutional Area,<br>D-Block Janakpuri,<br>NEW DELHI.  | Member-Secretary |
| 10. | Dr. V.T. Augustine<br>Advisor (Homoeo),<br>Ministry of Health & Family Welfare,<br>Nirman Bhawan,<br>NEW DELHI.  | Convenor         |

#### Sub-Committee on Literary Research

- |    |  |                  |
|----|--|------------------|
| 1. | Dr. S.K. Dubey<br>FD-393, Sector III,<br>Salt Lake City,<br>CALCUTTA (W.B.).   | Chairman         |
| 2. | Dr. K.N. Kasad<br>A.H. Wadia Baugh,<br>3/10 Parel Tank,<br>BOMBAY.   | Member           |
| 3. | Dr. R.K. Kapoor<br>Flat No.33, Block No.5,<br>Nawab Yusuf Road,<br>(Civil Lines),<br>ALLAHABAD (U.P.).   | "                |
| 4. | Dr. D.P. Rastogi<br>Director,<br>Central Council for Research<br>in Homoeopathy,<br>61-65 Institutional Area,<br>D-Block, Janakpuri,<br>NEW DELHI. | Member-Secretary |

The 22nd and 23rd meetings of the Sub-Committee on Literary Research of the Council were held on 5th and 6th September, 1995 and 14th and 15th November, 1995 at CCRH Hqrs. New Delhi and Homoeopathic Research Institute, Puri (Orissa).

The 28th and 29th meetings of the SAC was held on 11th April, 1995 and 27th March, 1996 at CCRH Hqrs. New Delhi.

## ORGANISATIONAL NETWORK

There is one Central Research Institute, three Regional Research Institutes, two Homoeopathic Research Institutes, one Homoeopathic Drug Research Institute, three Clinical Verification Units, thirteen Clinical Research Units, three Drug Proving Research Units, two Drug Standardisation Units, one Survey of Medicinal Plants & Collection Unit and twenty two Clinical Research Units (Tribal).

## BUDGET PROVISION

	Actual Expenditure (1994-95) (in lakhs)	B.E. 1995-96 (in lakhs)	R.E. 1995-96 (in lakhs)	Actual Expenditure * (1995-96) (in lakhs)
PLAN	188.00	180.00	180.00	186.31
NON-PLAN	155.47	160.00	170.00	177.93
TOTAL	343.47	340.00	350.00	364.24

Apart from this the Council also received a grant of Rs.84,000 for conducting Re-orientation Training Programme during the year 1995-96.

\* Including utilisation of receipts etc.

## PART - II

### RESEARCH PROGRAMME

Clinical Research  
Clinical Research in Epidemics  
Clinical Research (Tribal)  
Clinical Verification Research  
Drug Proving  
Drug Research  
Literary Research  
Documentation

### IN-SERVICE TRAINING PROGRAMME

### PUBLICATIONS

### ACKNOWLEDGEMENTS

### SUBORDINATE INSTITUTES AND UNITS

# 1. CLINICAL RESEARCH

"The perfection of knowledge depends on the investigation of things".

The Great Learning, Confucius

## INTRODUCTION

The era of medicine of experience begins with Hahnemann, the founder of Homoeopathy. Ever since Clinical Research has played a major role in the development of medicine. It has been more so in case of Homoeopathy where repeated symptomatic data obtained by means of proving (experimentation) of drugs on healthy human beings, need to be repeatedly verified on patients in the clinics to be valid before it forms part of the Homoeopathic materia medica. It also helps in the elucidation of fundamental principles and their application in the treatment of various diseases. It has therefore, remained an important research activity of the Council ever since its inception in 1978.

Thirty five (35) Clinical Research Projects including AIDS (Acquired Immune Deficiency Syndrome) are in progress in six (6) Research Institutes, thirteen (13) Clinical Research Units and in one Clinical Research Unit (Tribal). Out of these, the project on human immunodeficiency virus (HIV) infection/AIDS is being studied in collaboration with I.C.M.R. in finding out the efficacy of homoeopathic remedies in this National Health Problem. Another twenty one (21) Clinical Research Units functioning in tribal areas have also continued the clinical studies on nineteen (19) research projects on various diseases. They have been reported upon under Clinical Research in Tribal Areas.

The protocol for clinical research studies have been formulated and implemented since 1985 in order to obtain uniform data through systematic studies on the assigned projects.

## AIMS AND OBJECTIVES

Clinical research in Homoeopathy has a number of objectives such as,

- (i) clinical confirmation of drug-pathogenesis,
- (ii) elicitation of new clinical symptoms,
- (iii) evaluation of clinical drug pictures,
- (iv) classification of various complexions, temperaments and constitutions, and
- (v) to evaluate action of homoeopathic drugs on any given pathological conditions etc.

At present two types of Clinical Research programmes are in progress with the following objectives:-

### 1. Disease-related Clinical Research

To evolve a group of most efficacious homoeopathic medicines in a given pathological condition, with regard to:

- (i) identify their reliable indications,
- (ii) identify their most useful potencies,
- (iii) determine their reliable frequency of administration
- (iv) to deduce the repertorial indicis, and
- (v) to determine their relationship with

- a. other drugs such as which follow-well, complementary, cognate, intercurrent, antidote, incompatible, etc.
- b. improvement in symptoms-sign complex of given pathological conditions.

## 2. Drug-related Clinical Research

Certain drug(s) are said to have relation with particular disease such as

- (i) those which have a special affinity for the organ(s) involved in particular disease conditions or
- (ii) which are traditionally/empirically used or
- (iii) those identified by the various Institutes/Units of the Council through research studies.

Such drugs (discussed later) are tried in order to clinically evaluate them in particular disease(s) with regard to:

- (i) identification of their drug pathogenesis
- (ii) identification of their most useful potencies
- (iii) determination of their frequency of administration
- (iv) to determine their relationship with

a. other drugs such as which follow-well, complementary, cognate, intercurrent, antidote, incompatible, etc.

b. improvement in symptoms-sign complex of particular disease.

## CLINICAL RESEARCH PROJECTS 1995-96

### 1.1. Disease related Clinical Research Projects

### 1.2. Drug related Clinical Research Projects

#### 1.1. Disease related Projects

- 1.1.1. Amoebiasis
- 1.1.2. Anaemia (iron deficiency)
- 1.1.3. Behavioural disorders
- 1.1.4. Mental retardation
- 1.1.5. Bronchial asthma
- 1.1.6. Cervicitis and Cervical erosion
- 1.1.7. Dysentery
- 1.1.8. Epilepsy
- 1.1.9. Filariasis
- 1.1.10. Human Immunodeficiency Virus (HIV) Infection
- 1.1.11. Hypertension
- 1.1.12. Hyper Low-Density-Lipoproteinaemia
- 1.1.13. Malaria
- 1.1.14. Osteoarthritis
- 1.1.15. Peptic ulcer
- 1.1.16. Renal calculi
- 1.1.17. Rheumatoid arthritis
- 1.1.18. Sickle cell anaemia
- 1.1.19. Sinusitis
- 1.1.20. Skin disorders (including Allergic dermatitis, Psoriasis)
- 1.1.21. Tonsillitis
- 1.1.22. Vitiligo

## 1.2. Drug-related Research Projects

To clinically evaluate the efficacy of the following drugs.

- 1.2.1. Amoebiasis : *Achyranthes aspera, Aegle folia, Aegle marmelos, Arsenicum album, Atisa indica, Cinchona officinalis, Colchicum, Colocyn this, Cynodon dactylon, Holarrhena antidysenterica, Ipecacuanha, Mercurius corrosivus, Mercurius solubilis, Nux vomica, Sulphur.*
- 1.2.2. Behavioural disorders : *Belladonna, Hyoscyamus, Ignatia amara, Lachesis, Natrum muriaticum, Nux vomica, Phosphorus, Pulsatilla, Stramonium, Sulphur.*
- 1.2.3. Bronchial asthma : *Ammounium carbonicum, Aspidosperma, Antimonium arsenicum, Antimonium tartaricum, Arsenic album, Arsenic iodatum, Bryonia alba, Cassia sophera, Carbo vegetabilis, Coded drug, Hepar sulphuris calcareum, Ipecacuanha, Kali bichromicum, Lachesis, Natrum sulphuricum, Puitrinum, Pulsatilla, Kali carbonicum, Spongia tosta, Viburnum opulus.*
- 1.2.4. Cervicitis and Cervical erosion : *Alumina, Arsenic album, Borax, Calcareo carbonicum, Kali carbonicum, Kreosote, Lachesis, Mercurius solubilis, Natrum muriaticum, Pulsatilla, Sepia*
- 1.2.5. Diabetes Mellitus : *Cephalandra indica*
- 1.2.6. Filariasis : *Apis mellifica, Belladonna, Bothrops, Bryonia alba, Lycopodium, Mercurius solubilis, Natrum muriaticum, Pulsatilla, Rhododendron, Rhus tox, Sulphur, Coded drug.*
- 1.2.7. Microfilariemia : *Effect of Homoeopathic drugs on Microfilariemia.*
- 1.2.8. Gall stones : *Fel tauri 2X or 3X*
- 1.2.9. Helminthiasis : *Chelone, Cina, Cuprum oxydatum nigrum, Embelia ribes, Teucrium marum, verum, Thymol.*
- 1.2.10. Intermittent Fever : *Alstonia constricta, Amoora rohituka, Apis mellifica, Arsenicum album, Caesalpenia bonducella, Chininum arsenicosum, Chininum sulphuricum, Cinchona officinalis, Eupatorium perfoliatum, Gelsemium, Gentiana chirata, Ipecacuanha, Natrum muriaticum, Nyctanthes arbortristis, Vitex negundo.*
- 1.2.11. Malposition of human foetus : *Pulsatilla nigra 200*
- 1.2.12. Menorrhagia : *Ficus religiosa Q*
- 1.2.13. Vitiligo : *Arsenicum sulphuratum flavum.*

## NODAL POINTS

S.No.	Nodal point	Location
1.	Behavioural disorders (Mental diseases)	Central Research Institute, Kottayam, Kerala
2.	Bronchial asthma	Regional Research Institute, Bombay, Maharashtra
3.	Epilepsy	Central Research Institute, Kottayam, Kerala.
4.	Filaria	Homoeopathic Research Institute, Puri, Orissa.
5.	Osteoarthritis	Regional Research Institute, Gudivada, Andhra Pradesh

## CRITERIA ADOPTED FOR THE ASSESSMENT OF RESEARCH CASES

The criteria adopted for clinical assessment of the cases is as stated below except in cases where it is specified otherwise:

Cure	: Complete removal of subjective and objective symptoms and thereafter no recurrence of complaints for a period varying from one week to three years depending on the nature (acute and chronic and natural course of disease).
Improvement	
- marked	: Complete removal of subjective and objective symptoms
- moderate	: Complete removal of subjective symptoms and partial relief in objective symptoms
- mild	: Partial relief in subjective and objective symptoms
No improvement	: No response after treatment for a sufficient period
Worse	: Aggravation of subjective and objective symptoms.
Not reported	: The patient does not report back after first, second or third visit.
Dropped out	: The patient does not fulfil the requirements of the project OR Attending physician does not want to keep the patient under study on valid reasons
Under observation	: The condition of the patient keeps fluctuating OR The patient reported at the end of the reporting year.

## MEDICAL AID PROVIDED AS BYE-WAY OF CLINICAL RESEARCH IN 1995-96

The Council has continued to provide medicare through research in Out Patient Department (OPD) of the Institutes and Units of the Council. The Statement of O.P.D. attendance during the year is as under:

### A. General areas

#### i) O.P.D. attendance

New cases registered

Old cases reported

: 76,798

: 2,16,754

#### TOTAL

2,93,552

#### ii) Research cases\*

New cases

Old cases

: 3,746

: 6,654

#### TOTAL

10,400\*

### B. Tribal areas

#### i) O.P.D. attendance

#### ii) Research cases

: 2,47,640

: 4,374\*\*

### C. Cases treated in Clinical Verification Units

#### i) O.P.D. attendance

#### ii) Research cases

: 1,66,192

: 15,774

### TOTAL NUMBER OF CASES TREATED

: 7,23,158

\* Cases included under A(i)

\*\* Cases included under B(i)

## 1.1. DISEASE RELATED CLINICAL RESEARCH

### 1.1.1. AMOEBIASIS

The Council has undertaken research studies on Amoebiasis at Clinical Research Unit, Tirupati (since 1982 - 83), Clinical Research Unit, Guwahati (since 1984-85) and Drug Standardisation Unit, Hyderabad (since April, 1990) in order to evaluate the efficacy of homoeopathic medicines.

#### ACHIEVEMENTS DURING THE YEAR 1995-96

	New	Old
Number of cases studied	121	68
<b>Improvement indices</b>		
- cured	09	—
- improved		
- markedly	54	36
- moderately	15	18
- mildly	26	14
- not improved	06	Nil
- under observation	11	Nil

#### MEDICINES FOUND EFFECTIVE

Name of medicine with potency	No. of cases* found effective in
1. Atista indica Q,3x,6x,30	04
2. Nux vomica 30,200,1M	52
3. Sulphur 30,200,1M	05
4. Lycopodium 30,200,1M	05
5. Aloe socotrina 30,200	14
6. Mercurius solubilis 30,200,1M	08
7. China officinalis 30,200	11
8. Trombidium 30	06
9. Colocynth 30,200	06
10. Arsenic album 30,200	04
11. Ipecacuanha 30,200	04
12. Carbo vegetabilis 30,200,1M	05
13. Cynodon dactylon Q	04
14. Kurchi Q,3x	23

\* Includes the data related to new as well as old (follow up) cases.

#### OBSERVATIONS

The medicines enumerated above have helped not only in relieving the signs and symptoms of amoebiasis but also helped in increasing the Hb%. When Rhus tox 200 and 1M were prescribed as intercurrent in number of cases the recurrence of amoebic dysentery was reduced. Indian drugs viz. Cynodon dactylon Q and Atista indica Q played

important role in combating the acute attack and keeping the disease in check. They were found effective in preceding years also and many of the indications and the relationship of drugs noted in the previous years have been verified by them. They need repeated verification.

**FUTURE PROGRAMME**

The project is to continue.

**1.1.2. IRON DEFICENCY ANAEMIA**

A study to ascertain the efficacy of homoeopathic medicines in the treatment of Anaemia was initiated at Regional Research Institute, New Delhi in April, 1992. It was found that maximum reported cases were of Iron deficiency anaemia and therefore the project will be now studied as iron deficiency anaemia.

**ACHIEVEMENTS DURING THE YEAR 1995-96**

Number of cases studied	24
<b>Improvement indices</b>	
- cured	Nil
- improved	
- moderately	06
- mildly	08
- not improved	03
- not reported	05
- under observation	02

**MEDICINES FOUND EFFECTIVE**

Name of medicine with potency	No. of cases found effective
1. China officinalis 30, 1M	04
2. Ferrum phosphoricum 3x	03
3. Natrum muriaticum 30,200,1M,10M, 0/1	02
4. Sulphur 30,200	02
5. Saraca indica 30	02
6. Nux vomica 30,0/1,0/5	02
7. Embelia ribes 30	03

**OBSERVATIONS**

The above mentioned medicines have helped in relieving both the subjective and objective symptoms as well as associated complaints. Results obtained from the study so far are encouraging, the percentage of Hb has increased more than 2.5 gm% in 05 cases in 6 months duration. Out of 19 reporting cases, the peripheral smear of 6 cases has changed from microcytic hypochromic to normal and in 01 case to normocytic hypochromic.

**FUTURE PROGRAMME**

The project is to continue.

**1.1.3. BEHAVIOURAL DISORDERS (MENTAL DISEASES)**

The Council has continued the study of evaluating the efficacy of homoeopathic medicines in behavioural disorders since its establishment in 1978-79. The scheme was initiated by the erstwhile CCRIMH in 1969 at the Regional Research Institute for Homoeopathy, Kottayam which has since been upgraded to Central Research Institute for Homoeopathy.

**ACHIEVEMENTS DURING THE YEAR 1995-96**

	New	Old
Number of cases studied	283	1797
<b>Improvement indices</b>		
-cured	Nil	85
-improved		
- markedly	65	166
- moderately	78	204
- mildly	70	91
-not improved	18	58
-worse	09	31
-not reported	25	671
-dropped out	04	115
-under observation	14	376

**MEDICINES FOUND EFFECTIVE**

Name of medicine with potency	No. of cases found effective in
1. Arnica 30,, 200,	04
2. Arsenic album 30,200	14
3. Belladonna 30,200,1M	08
4. Calcarea carbonicum 200,1M	06
5. Hyoscyamus 30,200,1M	17
6. Ignatia 30,200,1M	11
7. Lachesis 30	08
8. Phosphorus 30,200,1M	08
9. Pulsatilla 30,200,1M	14
10. Stramonium 30,200,1M'	04
11. Sulphur 30,200,1M	15
12. Tuberculinum 200,1M	04
13. Calcarea phosphoricum 200	04
14. Cannabis indica 200, 1M	13
15. Cocculus indicus 30	04
16. Kali bichromicum 30, 200	05

**OBSERVATIONS**

Many of the medicines mentioned above especially the polychrest remedies such as Arsenicum album, Belladonna, Ignatia, Sulphur, Phosphorus, Pulsatilla, Stramonium, etc. were also found effective during the preceding

years. They not only helped in relieving the symptoms and signs of behavioural disorders, but also helped in not recurrence of the complaints during the course of treatment, and in their disappearance too. In cases of alcohol addiction Arsenic album; in Schizophrenia Sulphur., Sepia, Stramonium, Pulsatilla, Natrum muriaticum Belladonna. In affective psychosis, Belladonna, Nux vomica, Tarentula hispanica, Veratrum album; in depression. Pulsatilla, Ignatia Natrum muriaticum, Sepia, and in paranoid disorder Nux vomica showed the best results. Most of the indications of the medicines noted in previous years have been verified but need repeated verification. It has been observed that some of the symptoms not attributed to the drug prescribed (not mentioned in the available homoeopathic literature) have been verified in many cases and are being reverified.

#### FUTURE PROGRAMME

The project is to continue with Hahnemannian concept of Mental diseases.

#### 1.1.4. MENTAL RETARDATION

The Central Research Institute(H), Kottayam has undertaken a project to study the efficacy of homoeopathic medicines in behaviour problems of Mentally Retarded Children. The study was initiated in July 1991, and was reported under "Behavioural disorders". From the previous year (1994-95), this study was taken up as a separate project.

#### ACHIEVEMENT DURING THE YEAR 1995-96

	New	Old
Number of cases studied	46	392

#### MEDICINES FOUND EFFECTIVE

Name of medicines with potency

Name of medicines with potency	No. of cases found effective in
1. Acid nitricum 30	11
2. Baryta carbonicum 200,1M	12
3. Belladonna 30,200,1M	13
4. Calcarea carbonicum 30,200,1M	10
5. Calcarea phosphoricum 30,200,1M	10
6. Cuprum metallicum 30	05
7. Gelsemium 30,200	05
8. Hyoscyamus 30,200,1M	20
9. Ignatia 200,1M	07
10. Lachesis 30,200	05
11. Mercurius solubilis 30,200,1M	07
12. Natrum muriaticum 30,200,1M	05
13. Nux vomica 30,200,1M	10
14. Phosphorus 30,200,1M	10
15. Pulsatilla 30,200,1M	10
16. Sepia 30,200,1M	10
17. Silicea 200,1M	10
18. Stramonium 30,200,1M	09
19. Sulphur 30,200,1M	08
20. Tarentula 30,200,1M	11
21. Tuberculinum 200,1M	10
	09
	10
	20

#### OBSERVATIONS

From the regular follow up study, it is clear that homoeopathic medicines are effective in controlling and removing the behaviour symptoms in children with Mental Retardation. Tarentula hispanica, Sulphur and Nux vomica helped in bringing down the antisocial activity to normalcy and Baryta carbonicum, Tuberculinum, Calcarea carbonicum, Gelsemium helped in establishing the communication in withdrawn children, Cuprum met, Helleborous, Nux vomica and Stramonium gave good response in mental retardation with convulsive seizures.

#### FUTURE PROGRAMME

The project is to continue

#### 1.1.5. BRONCHIAL ASTHMA

The Council in order to verify and evaluate the efficacy of homoeopathic medicines in bronchial asthma continued the research scheme started earlier by its parent body CCRIMH, after its inception in 1979. The studies are being conducted at the following Institutes and Units:

Regional Research Institute, Gudivada (continued since the time of CCRIMH)	since 1973-74
Regional Research Institute, New Delhi (continued since the time of CCRIMH)	since 1972-73
Regional Research Institute, Bombay	since 1979-80
Clinical Research Unit, Patiala	since 1979-80
Homoeopathic Research Institute, Jaipur	since 1976-77
Clinical Research Unit, Udipi	since 1985-86

This study was also undertaken at Central Research Institute for Homoeopathy, Kottayam from 1974 - 90.

#### ACHIEVEMENTS DURING THE YEAR 1995-96

	New cases	Under follow-up cases
Number of cases	319	425
<b>Improvement indices</b>		
- cured	Nil	Nil
- improved		
- markedly	90	168
- moderately	103	151
- mildly	58	91
- not improved	19	05
- not reported	15	—
- under observation	27	—
- dropped out	06	—
- worse	01	—

## MEDICINES FOUND EFFECTIVE

Name of medicines with potency	No. of cases* found effective in
1. Ammonium carbonicum 6,30,200	05
2. Antimonium arsenicosum 6,30,200,1M	12
3. Antimonium tartaricum 30,200,1M,10M,50M,CM	16
4. Aralia racemosa Q	08
5. Arsenicum album 6,30,200,1M,10M,50M,CM	107
6. Arsenicum iodatum 6,30,200,1M,10M	07
7. Bryonia alba 6,30,200,1M	04
8. Carbo vegetabilis 30,200,1M,10M,50M,CM	20
9. Ipecacuanha 30,200,1M,10M,50M,CM	15
10. Kali carbonicum 6,30,200,1M	36
11. Natrum sulphuricum 6x,30,200,1M,10M,50M,CM	28
12. Psorinum 200,1M,10M,50M,CM	12
13. Pulsatilla 30,200,1M,10M,50M,CM	04
14. Rhus toxicodendron 30,200,1M,10M,50M,CM	05
15. Spongia 6,30,200,1M,10M,50M,CM	10
16. Thuja 30 to CM	04
17. Tuberculinum 200,1M,10M,50M,CM	20
18. Sulphur 30,200,1M,10M,50M,CM	04
19. Phosphorus 30,200,0/1	02
20. Bacillinum 30,200,1M,10M,50M,CM	03
21. Sambucus 30,200	04

\* Includes the data related to old (under follow up) and new cases as well.

## OBSERVATIONS

The enumerated medicines were found effective during the preceding years also. The frequency, intensity and duration of the attacks has been considerably reduced. Medicines like Arsenic album, Ipecacuanha, Kali carbonicum and Natrum sulphuricum etc. have been found effective in the acute episodes.

## FUTURE PROGRAMME

The study will be continued with regards to :

- Find out the miasmatic background of asthmatic cases.
- Find out the group of homoeopathic medicines useful in status asthmaticus.
- Find out the homoeopathic medicines for cases which are worse during change of weather.
- Find out the homoeopathic medicines in removing the dependence on allopathic drugs.

### 1.1.6. CERVICITIS AND CERVICAL EROSION

In order to evaluate the action of homoeopathic medicines in Cervicitis and Cervical Erosion, the Council has undertaken a research study at the following Units:

Clinical Research Unit, Shimla  
Clinical Research Unit, Imphal  
Clinical Research Unit, Tirupathi

(since April, 1989)  
(since April 1989)  
(since November 1988)

The study was also undertaken at Regional Research Institute, New Delhi from 1978 to March, 1992.

## ACHIEVEMENTS DURING THE YEAR 1995-96

	New	Under follow-up cases
Number of cases studied	63	164
<b>Improvement indices</b>		
- cured	00	31
- improved		
- markedly	03	66
- moderately	21	34
- mildly	23	25
- not improved	07	01
- not reported	02	—
- under observation	07	07

## MEDICINES FOUND EFFECTIVE

Name of medicine with potency	No. of cases* found effective in
1. Sepia 30,200,1M	108
2. Borax 30,200	10
3. Pulsatilla 30,200	13
4. Kreosote 6,30,200,1M	14
5. Arsenicum album 200,	12
6. Natrum muriaticum 30,200,1M	02
7. Mercurius solubilis 30,200,1M	03
8. Hydrastis 6,30,200	13
9. Lachesis 30, 200,1M	10
10. Bovista 200	06
11. Cimicifuga 200	05

\* Includes the data related to old (follow up) as well as new cases.

## OBSERVATIONS

During the course of studies it is observed that the above mentioned medicines helped not only in relieving the related subjective and objective symptoms of Cervicitis and Cervical Erosion but also in their disappearance. The medicine Sepia helped in 55.05% of the improved new cases. Thirty one (31) old cases were cured, and 31 cases registered during the reporting year showed recurrence with less intensity.

The medicines viz. Arsenicum album, Cimicifuga, Kreosote, Mercurius solubilis, Pulsatilla & Sepia were found effective in preceding years also and many of the related symptoms noted earlier were verified but they need repeated verification.

## FUTURE PROGRAMME

The project is to continue.

### 1.1.7. DYSENTERY

Homoeopathic medicines are useful in gastro-intestinal disorders and dysentery is one of the common problems. A study has been initiated at Regional Research Institute(H), Gudivada since April, 1988 to find out the efficacy of homoeopathic medicines in Dysentery

#### ACHIEVEMENTS DURING THE YEAR 1995-96

	New	Old
Number of cases studied	50	58
<b>Improvement indices</b>		
- cured	nil	nil
- improved		
markedly	06	19
moderately	19	23
mildly	17	13
- not reported	01	nil
- under observation	07	03

#### MEDICINES FOUND EFFECTIVE

Name of the medicine with potency	No. of cases found effective in
1. Bryonia alba 200,	03
2. Nux vomica 30,200,	16
3. Mercurius solubilis 200	04
4. Cina 200,1M	05
5. Lycopodium 200,1M	07
6. Acid nitricum 200	02
7. Carbo vegetabilis 200	03
8. Argentum nitricum 200	03

#### OBSERVATIONS

All the cases were of amoebic dysentery and the above mentioned medicines helped in relieving the signs and symptoms and were able to control the acute paroxysms of the amoebic dysentery. The medicine Nux vomica was found effective in 33% and Lycopodium in 15% of the cases. The same drugs were also found effective during the preceding years. It is found that Mercurius solubilis has acted well in acute cases of Amoebiasis.

#### FUTURE PROGRAMME

The project is to continue.

### 1.1.8. EPILEPSY

Homoeopathic drugs are reported to be effective in various forms of Epilepsy. Therefore, in order to verify clinically, the data recorded, the Council initiated a study at Central Research Institute for Homoeopathy, Kottayam in 1980 which is continued and also initiated at Regional Research Institute for Homoeopathy, Gudivada (A.P.) from April, 1988.

The Central Research Institute for Homoeopathy, Kottayam is also functioning as the Nodal Point for Epilepsy.

#### ACHIEVEMENTS DURING THE YEAR 1995-96

	New	Old
Number of cases studied	70	75
<b>Improvement indices</b>		
- cured	Nil	Nil
- improved		
- markedly	11	13
- moderately	21	32
- mildly	27	28
- not improved	01	02
- not reported	06	Nil
- under observation	04	Nil

#### MEDICINES FOUND EFFECTIVE

Name of medicines with potency	No. of cases * Found effective in
1. Belladonna 30,200	08
2. Calcarea carbonicum 30,200	07
3. Cuprum metallicum 30,200	16
4. Gelsemium 30,200	12
5. Hyoscyamus 200	07
6. Natrum muriaticum 30,200	05
7. Nux vomica 200	03
8. Pulsatilla 200	07
9. Sulphur 30,200	11
10. Phosphorus 30,200	02
11. Stramonium 200	03
12. Agaricus 30,200	02
13. Cicuta virosa 200	03
14. Opium 200	02
15. Lachesis 30	02

\* Includes the data related to old (under follow up) and new cases as well.

## OBSERVATIONS

The homoeopathic medicines enumerated above not only helped in relieving both the subjective and objective symptoms related to Epilepsy but also in their disappearance and reducing the duration, intensity and frequency of attacks. The medicines viz. Belladonna, Natrum muriaticum, Gelsemium, and Sulphur were found effective during preceding years also. 25 old follow up cases showed no recurrence during the treatment (give time). 34 cases showed recurrence with less intensity. But the data obtained, so far, is inconclusive and further studies are continued.

## FUTURE PROGRAMME

The project is to continue.

### 1.1.9. FILARIA

The Project "Filariasis" is being studied under both Disease related and Drug related. The drug related studies are mentioned at 1.2.6. Disease related research on Filariasis was continued at Clinical Research Unit, Tirupati.

#### ACHIEVEMENTS DURING THE YEAR 1995-96

	New	Old
Number of cases studied	61	66
Improvement indices		
- cured	07	07
- improved		
- markedly	10	12
- moderately	14	19
- mildly	26	05
- not improved	04	—
- under observation	—	23

#### MEDICINES FOUND EFFECTIVE

Name of medicine with potency

1. Rhus tox 30,200,1M,10M,50M,CM
2. Bryonia alba 30,200,1M,10M,50M,CM
3. Apis mellifica 30,200,1M,50M,CM
4. Arsenicum album 30,200,1M,50M,CM
5. Graphites 30,200,1M,50M,CM
6. Sulphur 30,200,1M,10M,50M,CM
7. Sepia 30,200,1M,10M,50M,CM
8. Magnesium carbonicum 30,200,1M,50M,CM
9. Myrestica sebifera Q

No. of cases\* found effective in

- 16
- 09
- 04
- 05
- 02
- 08
- 02
- 02
- 03

\* Includes the data related to old (under follow up) and new cases as well.

## OBSERVATIONS

The above enumerated medicines were also found effective in the preceding years. Rhus toxicodendron and Bryonia alba have been found effective in many cases and not only helped in relieving the related complaints of Filariasis but also in their disappearance and reducing the intensity of paroxysmal attacks. It is observed that the acute paroxysms of the disease are amenable to the above mentioned homoeopathic medicines. Early stages of lymphoedema especially pitting type is also amenable to the treatment. In non pitting and elephantiasis cases lymphoedema was reduced to some extent only. The reliable indications, as noted were verified during this year also including the relationship with other drugs but they need repeated verification. As such further studies for conclusive evaluation in terms of cure are continued.

## FUTURE PROGRAMME

The project is to continue.

### 1.1.10. EVALUATION OF HOMOEOPATHIC THERAPY IN HIV INFECTION

Human Immunodeficiency virus (HIV), a retrovirus causes a state of profound immunodeficiency in human beings leading to acquired immunodeficiency syndrome (AIDS) characterized by the occurrence of opportunistic infection(s) and/or malignancies viz. Kaposi's sarcoma and/or Non-Hodgkin's lymphoma. The infection is devastating in nature and, according to the available information, fatal in over 90 per cent of the infected individuals.

WHO estimates that by mid 1996, 20 million people, including 1.5 million children have already been infected by HIV world-wide. Forty million of HIV infections and 12-18 million of AIDS cases are expected world-wide by the year 2000 AD. WHO further estimates that 85 per cent of new HIV infections will be occurring in the developing countries in Asia and South-east Asia and that nearly 85 per cent of these infections will be occurring among women. A majority of the individuals infected by HIV are currently passing through asymptomatic phase and would develop clinically active HIV disease in the coming years.

Development of effective therapeutic interventions both during asymptomatic and symptomatic stages of HIV infection, therefore, assume equal importance. Development of therapeutic intervention during asymptomatic stage of HIV infection acquires greater urgency, for symptom free HIV carriers constitute a large pool of individuals who remain apparently healthy but infectious for a unpredictably long time. In view of the importance being accorded to the containment of HIV/AIDS pandemic the world over, all resources in the field of medicine are pooled and utilized. The Central Council for Research in Homoeopathy, in pursuance of the decision of the Government of India, undertook a study to ascertain whether homoeopathic medicines which are found to be effective in microbial infections, have a role in the treatment and management of HIV infection.

The research study was undertaken at the Regional Research Institute of Homoeopathy, Bombay (May, 1989) and Clinical Research Unit of Homoeopathy, Madras (October, 1991) with the following objective: to evaluate homoeopathic therapy in asymptomatic HIV infection.

In view of non-contagious nature of the infection and absence of clinical manifestations, patients are being treated in the out-door patients department (OPD). Necessary safety precautions are taken while these patients are attended to. The individuals registered for studies are provided counselling with regard to their immune status, various aspects of the infection they are carrying and precautions they ought to take while engaged in social, personal and physical activities.

#### BRIEF RESUME OF THE WORK DONE PRIOR TO 1995-96

Three hundred forty nine (349) HIV infected individuals were registered under the study till 31st March, 1995. Two hundred forty one (241) of these were registered at the Regional Research Institute of Homoeopathy, Bombay and (108) at the Clinical Research Unit, Madras. All the registered cases were reactive to ELISA and 164 of these were

confirmed to be HIV carriers by Western Blot test. Western Blot test on the remaining 185 cases could not be conducted till the time of reporting.

Homoeopathic medicines used on the basis of individuals constitutional (mental/emotional and physical) attributes which make him/her different from others, in case of asymptomatic HIV carriers and on the basis of present signs and symptoms for those presenting with clinical manifestations of HIV related disease or non-HIV related disease. Homoeopathic medicines used during the course of study were Acid phosphoricum, Aloe socotrina, Argentum nitricum, Arsenicum album, Arsenicum iodatum, Aurum metallicum, Antimonium tartaricum, Badiaga, Baryta carbonica, Bryonia alba, Calcarea carbonica, Calcarea fluorica, Calcarea phosphorica, Calcarea sulphuricum, Ceanothus, Chamomilla, China officinalis, Cina, Cuprum metallicum, Conium maculatum, Cyclosporin, Dulcamara, Graphites, Hepar sulphuris calcareum, Kali bichromicum, Kali carbonica, Lac caninum, Lachesis, Lycopodium clavatum, Medorrhinum, Mercurius solubilis, Millefolium, Natrum muriaticum, Nux vomica, Petroleum, Phosphorus, Psorinum, Pulsatilla, Rumex crispus, Rhus toxicodendron, Silicea, Staphysagria, Sulphur, Syphilinum, Thuja occidentalis, Tuberculinum.

Fifteen of the 349 HIV infected individuals registered for study have given non-reactive response to repeat ELISA conducted during the course of their treatment for a period varying from 3-16 months. Twelve of the seroreverted cases gave a negative response to the Western Blot assay also. Seven of these continue to remain symptom free till the time of reporting. Eight (8) of these sero-reverted cases were not traceable at the time of reporting, and have been deemed as Dropouts.

### ACHIEVEMENTS IN THE YEAR 1995-96

During the year 1995-96, 189 HIV carriers were registered for study. Of these 97 were registered at the Regional Research Institute of Homoeopathy, Bombay and 92 at the Clinical Research Unit of Homoeopathy, Madras. Eighty four (84) of these have been enrolled in the double blind randomized placebo controlled study at Bombay. These are reported here, for unblinding of these will be done at the time of conclusion of the study sometime in January, 1997. The suspect mode of contraction of infection, as ascertained through interrogation of the patients and their family members was as under (Table-1).

Mode of Transmission	Number of Patients*
Sexual Contact	
Heterosexual	94
Homosexual	4
Blood/Blood product Transfusion	4
Infected needle / Syringes	4
Materno-foetal	—
Others ( not ascertainable)	3

\* Does not include 84 cases have been enrolled in a Double blind randomized placebo controlled trial at Bombay (since June, 1995). These are not reported upon here.

Ninety five (95) of these individuals being symptom free were treated with homoeopathic medicines whose pathogenesis corresponded with their inherent constitutional (mental/emotional and physical) attributes. Ten cases presented with manifestation characteristic of symptomatic phase viz. AIDS related complex (ARC) - 8, AIDS - 2 and these were treated symptomatically.

### RESULTS

Of the 538 cases registered under the study on HIV/AIDS during the period from May, 1989 to March, 1996. One hundred thirty seven (137) have dropped out. 401 (including 84 registered under Controlled study at Bombay) are continuing under the study. Three hundred seventeen (317) cases enrolled under the open study are discussed here.

Of the 317 cases, 276 cases were asymptomatic at entry. Forty six (46) of these have manifested progression of infection. Twenty two (22) have progressed to PGL, 20 to ARC and 2 to AIDS (Table-2). During the same period 15 individuals who were asymptomatic at the time of entry into the study and have manifested sero-reversion (became non-reactive to enzyme linked immunosorbent assay (ELISA)/Western Blot assay during the course of treatment). Seven of these continued to report for follow-up during the period under report. Eight others have dropped out of study. Two individuals, including a thalassaemic child, progressed to AIDS during the year and died. Three (3) deaths, including one suicidal, due to AIDS have been reported among subjects under study in the preceding years.

Table-2

CDC* Classification / Clinical Status		At Entry	During Study
Stage - I	Sero-conversion	—	—
Stage - II	Asymptomatic	276	220
Stage - III	Persistent Generalized Lymphadenopathy (PGL)	10	32
Stage - IV (a)	AIDS Related Complex (ARC)	24	44
Stage - IV (b)	ARC or AIDS with Neurological Manifestations	—	—
Stage - IV (c)	Opportunistic infections (including AIDS))	7	9
Stage - IV (d)	Malignancy	—	—
Stage - IV (e)	Other conditions	—	—
	Sero-reversion from HIV-1 Antibody positive to HIV-1 Antibody Negative	—	7
	Death	—	5 @

@ Two deaths occurred due to AIDS during the year and three (including one suicidal) had occurred in the preceding years.

### HOMOEOPATHIC MEDICINES USED DURING THE COURSE OF STUDY

The following homoeopathic medicines were used during the course of study, Aconitum napellus, Acidum phosphoricum, Arsenicum album, Baryta carbonica, Belladonna, Bromium, Calcarea carbonica, Calcarea fluorica, Calcarea iodatum, Calcarea phosphorica, Calcarea sulphuricum, Cantharis, Causticum, China officinalis, Colocynthis, Cyclosporin, Helleborus, Hepar sulphuricum, Kali bichromicum, Kali carbonica, Lachesis, Lycopodium clavatum, Medorrhinum, Mercurius solubilis, Natrum muriaticum, Natrum sulphuricum, Nitric acidum, Nux vomica, Phosphorus, Plumbum iodatum, Pulsatilla, Rhus toxicodendron, Silicea, Staphysagria, Sulphur, Syphilinum, Thuja occidentalis and Tuberculinum.

The medicines were prescribed in potencies varying from 30 to 10M and varying dosage depending on the potency used and on the basis of age and clinical status of the individual.

### DISCUSSION AND OBSERVATIONS

Five hundred thirty eight (538) HIV infected individuals (including 84 under randomized controlled study) have been registered under the study by 31st March, 1996. Three hundred seventeen (317) of these are continuing under open study whereas 137 have been lost to follow-up for various reasons.

Two hundred twenty (79.7 %) of the 276 cases passing through asymptomatic phase at the time of reporting. Sixty three (63) of these are maintaining asymptomatic status in spite of the fact that they had contracted HIV more than five years back. This becomes significant in view of observation based on the study of first 1818 AIDS cases in India made by National AIDS Control Organization (NACO) that the time gap between initial infection and development of AIDS in India is 3-5 years.

Forty six ( 16.6 %) of 276 cases manifested progression of infection to PGL(22), ARC(20) and AIDS (4) deaths (including one of a thalassaemic child) have been reported among patients with AIDS, during the year under report (Table- 2)

CD4+ T cell, an important component of human immune system, number have been universally recognized as an immunologic marker for assessment of the progression of the HIV infection. In fact it remains the single important marker currently accepted universally, both for the progression of HIV infection and assessment of outcome of therapeutic trial. Initially the Council could not carry out estimations of CD4 counts in subjects under study. In September, 1994, the Council procured a FACSCount system and has since started estimation of CD4 cell numbers in its Institute at Bombay. During the period under report CD4 cell numbers were ascertained in respect of 94 cases registered at Bombay, both prior to the entry into the study and repeated every 3/6 months. Eighty four (84) of these cases have been enrolled under a randomized placebo controlled trial of Homoeopathic medicines in HIV / AIDS. The results will be known after unblinding after the conclusion of the study sometime in January, 1997.

Repeat CD4 cell counts were made in 52 cases, including 10 new cases registered under the open study during the year under report, Twenty nine (29) of these cases have manifested an increase of 5-314 CD4 cells per microlitre of blood. One individual manifested an increase of 655 CD4 cells. Twenty one (21) cases manifested a fall in CD4 numbers varying from 3-292 per microlitre of blood. One manifested a fall of 827 CD4 cells per microlitre.

Although variation in CD4+T cell counts at different times during the course of asymptomatic phase of infection is reported, it is not widely noted to vary significantly in case of symptomatic HIV disease wherein these counts tend to deplete in number steadily and progressively. Thirteen (13) of the patients who manifested significant increase in CD4 cell numbers had PGL at the time of entry, 10 had ARC and only 6 were asymptomatic. Regarding minor variations in CD4+cell counts which may occur because of various reasons, including nutrition, environmental and ecological pattern significant increase in CD4 + lymphocyte numbers under homoeopathic therapy do indicate possible immune-modulatory role of homoeopathic medicine in HIV infection. This assumes importance in view of equal emphasis now being laid on the development of both antiretroviral and immune-restorative agents for management of HIV/AIDS.

In this series it was seen that patients who presented with minor infections such as oral candidiasis, diarrhoea, cough, weakness, weight loss etc. during the course of study, responded favourably to the homoeopathic therapy. Available information indicate that opportunistic infections are generally fulminating and tend to recur in patients with disease notwithstanding a successfully treated earlier episode. Also they do not readily respond to the established conventional treatment. The result obtained so far, therefore, suggest a positive role of the homoeopathic medicines in the management of HIV related clinical conditions. No untoward adverse reactions to homoeopathic medicine(s) were observed during the course of study.

The findings of the pilot study underscore the role of Homoeopathic medicines in improving the quality of life and inhibiting or at least delaying progression of infection among HIV infected individuals. These considerations currently being accorded importance in the development of effective therapeutic agents for HIV disease. In view of findings and in order to have definitive conclusion, the Council has undertaken in June, 1995, a randomized placebo controlled clinical trial of Homoeopathic medicine in HIV/AIDS at Bombay. The study is expected to conclude sometime in January, 1997.

#### CONCLUSION

Observation made during the course of study do indicate that homoeopathic medicines may be used as immunomodulatory agents thereby facilitating delayed progression of infection, prolonged survival and improvement in

quality of life without causing undesirable adverse reaction in HIV infected individuals. The clinical findings, however, need to be corroborated by laboratory investigations.

#### FUTURE PROGRAMME

The Council proposes to continue randomized placebo controlled clinical trial of homoeopathic medicines in the management of HIV/AIDS in the coming years. In order to carry out all the necessary relevant investigations to scientifically validate the results, the Council has taken steps to establish a Central Laboratory. The proposed Laboratory will carry out investigations on the hematological samples from Bombay and Madras where the study is in progress. This is necessary both from economic point of view as well as uniformity in results. Efforts will be directed towards definitive corroboration of the immunological and haematological changes with clinical benefits. The study, in view of the unpredictable duration of the clinical latency of the infection, is proposed to continue as a long-term project

#### 1.1.11. HYPER LOW-DENSITY-LIPOPOTEINAEMIA

In order to evaluate the efficacy of homoeopathic medicines in Hyper Low - Density - Lipoproteinaemia (LDL) a study has been initiated at Regional Research Institute, New Delhi from April, 1992.

#### ACHIEVEMENTS DURING THE YEAR 1995-96

	New	Old (follow up cases)
Number of cases studied	33	11
<b>Improvement indices</b>		
- cured	Nil	Nil
- improved		
- marked	Nil	04
- moderately	16	07
- mildly	12	01
- not reported	03	Nil
- under observation	02	Nil

#### MEDICINES FOUND EFFECTIVE

Name of medicines with potency	No. of cases found effective in
1. Crataegus Q	03
2. Lycopodium 30,200	14
3. Natrum muriaticum 1M	03
4. Pulsatilla 30,200	08
5. Rauwolfia serpentina Q	03
6. Rhus tox 30, 200, 1M,0/1	07
7. Sulphur 200, 1M	04
8. Cactus glandiflorus Q,30	03
9. Calcarea carbonicum 1M,10M	05
10. Kalmia latifolia 30.200	03

## OBSERVATIONS

It has been observed that in 17 cases the value of triglycerides has been reduced ranging from 47 - 307 mg/dl and in 19 cases the value of cholesterol has reduced ranging from 34 - 160 mg/dl. The results obtained are encouraging and confirm the efficacy of Homoeopathy in not only relieving the clinico-pathological findings, but in associated complaints.

## FUTURE PROGRAMME

The project is to continue.

### 1.1.12 HYPERTENSION

In order to ascertain the efficacy of homoeopathic medicines in hypertension, the Council has initiated a clinical research study at Drug Standardisation Unit, Hyderabad from April, 1990.

## ACHIEVEMENTS DURING THE YEAR 1995-96

	New	Old
Number of cases studied	23	69
Improvement indices		
- cured	Nil	Nil
- improved	Nil	17
- markedly	Nil	24
- moderately	08	28
- mild	15	Nil
- under observation		

## MEDICINES FOUND EFFECTIVE

### Name of medicines with potency

1. Allium sativum Q
2. Bryonia alba 200,0/1,0/3
3. Baryta muriaticum 3x,6x
4. Lycopodium 200,1M,0/3,0/6
5. Sulphur 200
6. Rauwolfia serpentina Q
7. Rauwolfia aqua Q
8. Veratrum album 6,30,200,0/1

### No. of cases\* found effective in

- 02  
13  
06  
08  
04  
08  
08  
31  
08

\* Includes the data related to new cases as well as old (follow up) cases reported during this period.

## OBSERVATIONS

17 old follow up cases showed normal blood pressure with marked improvement for more than 3 years and were only on homoeopathic medicines and other 24 old follow up cases showed, blood pressure within normal limits for more than 2 years and were on both allopathic and homoeopathic medicines. Also 06 hypertensive cases who

Amoebiasis, and 15 hypertensive cases with albuminuria showed, improvement with Rauwolfia serp. Even the pus cells in the urine in 18 cases and epithelial cells in 25 cases improved with it.

## FUTURE PROGRAMME

The project is to continue.

### 1.1.13. MALARIA

Malaria, remains today, one of the most serious infectious disease problem in the world, despite impressive results of WHO sponsored National Malaria Eradication Programme which began in the year 1956.

Keeping in view the importance of research for development of safe curative treatment for Malaria, the Council has undertaken a research programme at the following Units:

Homoeopathic Research Institute, Jaipur	:	since 1979
Clinical Research Unit, Surat	:	since June, 1988

The study was also undertaken at Homoeopathic Research Institute, Puri from 1980-88 and Clinical Research Unit, Port Blair from 1980-89.

## ACHIEVEMENTS DURING THE YEAR 1995-96

	New cases	Old cases (follow up cases)
Number of cases studied	107	86
Improvement indices		
- cured	42	53
- Improved		
- markedly	61	33
- moderately	04	Nil
- mildly	Nil	Nil
- not improved	Nil	Nil
- not reported	Nil	Nil
- under observations	Nil	Nil

## MEDICINES FOUND EFFECTIVE

### Name of medicines with potency

1. Pulsatilla 30,200,1M
2. Arsenicum album 30,200,1M
3. China officinalis 30,200,1M
4. China sulphuricum 30,1M
5. China arsenicosum 30,200,1M
6. Ipecacuanha 30

### No. of cases\* found effective in

- 06  
48  
06  
07  
31  
17

\* Includes the data related to new as well as old cases.

7. Malaria officinalis 200	
8. Natrum muriaticum 30,200	06
9. Eupatorium perfoliatum 30	17
<b>OBSERVATIONS</b>	16

The above mentioned medicines were found effective in the treatment of Malaria cases in the preceding year also. The drug found most effective were Arsenic album, China arsenicosum, Ipecacuanha and Eupatorium perfoliatum

**FUTURE PROGRAMME**

The project is to continue at Homoeopathic Research Institute, Jaipur.

**1.1.14. OSTEOARTHRITIS**

A study to ascertain the efficacy of Homoeopathic medicines in the treatment and management of Osteoarthritis is in progress at the following Institute/Units:

1. Regional Research Institute, Gudivada(A.P.)	:	since 1984
2. Clinical Research Unit, Patiala (Punjab)	:	since 1979
3. Clinical Research-cum-Epidemic Cell Bhopal (M.P.)	:	since 1987
4. Clinical Research Unit, Surat (Gujarat)	:	since 1988

The study was also undertaken at Central Research Institute, Kottayam in the year 1989-90.

**ACHIEVEMENTS DURING THE YEAR 1995-96**

	New	Old
Number of cases studied	90	
<b>Improvement indices</b>		
- cured		92
- improved	Nil	
- moderately		Nil
- mildly	02	
- under observation	74	03
	14	89
		Nil

**MEDICINES FOUND EFFECTIVE**

Name of medicines with potency

1. Bryonia alba 30,200,1M,10M
2. Rhus toxicodendron 30,200,1M,10M
3. Sulphur 10M
4. Mercurius solubilis 200, 1M,10M

No. of cases\* found effective in

- 23
- 22
- 04
- 12

\* Includes the data related to old (under follow up) and new cases also.

5. Lachesis 200,10M	05
6. Lycopodium 200,1M,10M	13
7. Arnica 200	04

**OBSERVATIONS**

Most of the medicines mentioned above were found effective during preceding years also. These drugs helped in improving the subjective and objective symptoms of Osteoarthritis. A group of effective medicines has been identified and the indications of the medicines as noted earlier have been verified but need further verification. This project has also been taken up under drug related programme.

**FUTURE PROGRAMME**

The project is to continue. It has been withdrawn from Clinical Research Unit, Surat from April, 1996.

**1.1.15 PEPTIC ULCER**

The homoeopathic medicines are reported to be effective in this condition. As such the Council initiated the study on this project in order to evolve a group of most efficacious homoeopathic medicines at Clinical Research Unit, Imphal in October, 1987.

**ACHIEVEMENTS DURING THE YEAR 1995-96**

	New	Old
Number of cases studied	20	08
<b>Improvement indices</b>		
- cured	Nil	Nil
- improved		01
- markedly	---	05
- moderately	11	02
- mildly	09	

**MEDICINES FOUND EFFECTIVE**

Name of medicines with potency

No. of cases\* found effective in

- |                              |    |
|------------------------------|----|
| 1. Anacardium 30,200         | 04 |
| 2. Arsenicum album 30,200,1M | 06 |
| 3. Nux vomica 30,200         | 09 |
| 4. Phosphorus 30,200         | 04 |
| 5. Argentum nitricum 30      | 03 |

\* Includes the data related to new as well as old cases.

## OBSERVATIONS

The medicines as reported above were found effective in the preceding years also. They helped in relieving and other subjective and objective symptoms, also recurrence of complaints was with less intensity. The indications to be verified repeatedly. The data gathered, so far, is not sufficient to draw any conclusion and as such cases are put under observation.

## FUTURE PROGRAMME

The project is to continue.

### 1.1.16. RENAL CALCULUS

The Council has taken up a study to evaluate the action of homoeopathic medicines in Renal Calculus at Clinical Research Unit, Imphal since 1987. This project was also undertaken at Homoeopathic Research Institute, Jaipur in 1986-93.

#### ACHIEVEMENTS DURING THE YEAR 1995-96

	New	Old
Number of cases studied	15	08
Improvement indices	Nil	Nil
- cured	10	05
- improved moderately	05	03
- mildly		
		No. of cases* found effective in
		07
		06
		02
		07

#### MEDICINES FOUND EFFECTIVE

Name of medicines with potency

1. Cantharis 30,200
2. Lycopodium 30,200
3. Sarsaparilla 30,200
4. Berberis vulgaris 30

\* Includes the data related to new cases as well as old (follow up cases).

## OBSERVATIONS

08 follow up cases showed improvement for haematuria, burning micturition and episodes of pain. The enumerated medicines have been found effective in controlling symptoms. The same group was also found effective during the preceding years.

## FUTURE PROGRAMME

The project is to continue.

### 1.1.17 RHEUMATOID ARTHRITIS

Homoeopathy is reported to offer a curative treatment for this most crippling disorder without any side effects. In order to establish the validity of curative aspect of homoeopathic therapy on the scientific lines and to evolve a group of most efficacious medicines in Rheumatoid arthritis, a study was launched on the basis of formulated research protocol at Clinical Research Unit, Udupi from 1988-89. This project was also undertaken at Central Research Institute, Kottayam from 1988-90 and Clinical Research Unit, Madras from 1987-89.

#### ACHIEVEMENTS DURING THE YEAR 1995-96

	New	Old
Number of cases studied	21	63
Improvement indices		
- cured	Nil	Nil
- improved		
- markedly	13	35
- moderately	05	21
- mildly	03	07

#### MEDICINES FOUND EFFECTIVE

Name of medicine with potency	No. of cases* found effective in
1. Bryonia alba 30,200,1M,10M,50M,CM	18
2. Calcarea carbonicum 30,200,1M,10M,50M,CM	04
3. Medorrhinum 200,1M,10M,50M,CM	08
4. Rhus toxicodendron 30,200,1M,10M,50M,CM	15
5. Sulphur 30,200,1M,10M,50M,CM	06
6. Psorinum 200	03
7. Fluoric acid 30,200,1M,10M,50M,CM	05

\* Includes the data related to old (under follow up) cases and new cases as well.

## OBSERVATIONS

The above group of medicines was found effective during the preceding years also. They helped in improving the subjective and objective symptoms. The cases have been improved mainly by Bryonia, Rhus toxicodendron and Medorrhinum as an intercurrent. Many of the symptoms as noted earlier though verified, need further verification. Keeping in view the chronicity and unpredictable nature of the disease this has been taken up as a long term project.

## FUTURE PROGRAMME

The project is to continue.

### 1.1.18. SICKLE CELL ANAEMIA

A systematic study on scientific lines in order to explore the scope of homoeopathic medicines in Sickle Cell Anaemia was started in 1987-88 by the Council at Clinical Research Unit situated in a tribal pocket of Sambalpur Orissa, where Sickle Cell trait is found among the tribals.

The study has been initiated on following lines:

1. Survey : Survey of all the villages in and around Sambalpur town in order to collect the blood samples of the families identified for their sickness and for detailed data to be maintained.
2. Curative : The patients having sickle cell trait or disease to be given constitutional and symptomatic treatment under an approved Research Protocol on the Sickle Cell Anaemia.

#### ACHIEVEMENTS DURING THE YEAR 1995-96

	New	Under follow-up
Number of cases studied	62	156
Improvement indices		
- cured	Nil	Nil
- improved		
- markedly	06	51
- moderately	13	33
- mildly	12	39
- not improved	Nil	13
- under observation	31	17
- worse	Nil	03

#### MEDICINES FOUND EFFECTIVE

Name of medicine with potency

#### IN THE ACUTE PHASE

1. Arsenicum album 30,200
2. Bryonia 30,200,1M
3. Kalmegh Q
4. Pulsatilla 30,200
5. Rhus toxicodendron 30,200
6. Magnesia phosphoricum 30,200
7. Lecithin 30
8. Manganum aceticum 30

No. of cases\* found effective in

05  
57  
11  
06  
19  
04  
06  
10

\* Data related to old under follow up and new cases also.

### IN THE CHRONIC PHASE

1. Calcarea carbonicum 30,200	18
2. Lycopodium 30,200	03
3. Natrum muriaticum 30,200	17
4. Pulsatilla 200	02
5. Sulphur 200,1M	06
6. Tuberculinum 30,200,	03

### OBSERVATIONS

It is seen that homoeopathic medicines have been found effective in Sickle Cell Anaemia cases during its painful crisis. Out of 156 cases of Sickle Cell Anaemia, no recurrence of clinical signs & symptoms was found in 41 cases and 51 cases showed marked improvement and a few cases showed definite increase in the haemoglobin percentage. Along with this there was a great reduction in hepatomegaly and splenomegaly, but sickling test by electrophoresis showed positive results. However, the data gathered, so far, is not sufficient to form any conclusion as the disease being a genetic disorder. It is observed that same group of medicines was found effective during preceding years also.

### FUTURE PROGRAMME

The project is to continue.

### 1.1.19. SINUSITIS

In order to evaluate the action of homoeopathic medicines in Sinusitis, the Council has undertaken research on Sinusitis at the following Units:

Clinical Research Unit, Shimla (since 1985)  
Clinical Research Unit, Madras (since 1987)

The study was also undertaken at Regional Research Institute, New Delhi from 1984 to 1987 and Clinical Research Unit, Port Blair in 1988-89.

#### ACHIEVEMENTS DURING THE YEAR 1995-96

	New	Old
Number of cases studied	62	26
Improvement indices		
- cured	06	03
- improved		
- markedly	06	06
- moderately	05	10
- mildly	04	07
- not reported	06	Nil
- under observation	32	Nil
- not improved	03	Nil

### MEDICINES FOUND EFFECTIVE

Name of medicine with potency

1. Calcarea carbonicum 30,200,1M
2. Natrum muriaticum 30,200,1M
3. Nux vomica 200, 1M
4. Pulsatilla 30,200,1M
5. Tuberculinum 200,1M

No. of cases found effective in

- 23  
24  
03  
03  
03

### OBSERVATIONS

Out of sixty two (62) new and twenty six (26) old cases of Acute Sinusitis both catarrhal and suppurative, nine (09) cases were reported cured. The above group of medicines was found effective during the preceding years also. They helped in improving and in some cases disappearance of subjective and objective symptoms. Many of the indications noted in previous years, though verified, need further verification.

### FUTURE PROGRAMME

The project is to continue.

### 1.1.20. SKIN DISORDERS

The homoeopathic medicines are credited with curative efficacy in skin diseases. In order to evolve a group of most effective medicines in various skin disorders such as allergic dermatosis, psoriasis, urticaria etc. the Council undertook research studies at the following Units. The project on Vitiligo has also been taken up for research studies separately (as reported under 1.1.21 and 1.2.13)

- Clinical Research Unit, Bahadurgarh (1982)
- Clinical Research-cum-Epidemic Cell, Bhopal (1987)
- Clinical Research Unit, Patiala (1985)
- Clinical Research Unit, Surat (1989)

The study was also undertaken at Regional Research Institution, New Delhi from 1985-1995 and Clinical Research Unit, Udupi from 1988-1995.

### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied	New		Old
Improvement indices	91		
- cured			
- improved			10
- markedly	Nil		
- moderately			Nil
- mildly	50		
- not reported	24		
- under observation	15		05
	01		03
	01		02
			Nil
			Nil

### MEDICINES FOUND EFFECTIVE

Name of medicines with potency

1. Sulphur 30,200,1M,10M,50M,CM
2. Apis mellifica 30,200,1M
3. Natrum muriaticum 30,200,1M,10M,50M,CM
4. Sepia 200,1M,10M
5. Rhus toxicodendron 30,200,1M
6. Graphites 30,200,1M,10M,50M
7. Petroleum 30,200,1M,10M,50M,CM
8. Mercurius solubilis 30,200,1M

No. of cases\* found effective in

- 12  
11  
08  
22  
09  
07  
13  
12

\* Includes the data related to old (under follow-up) and new cases also.

### OBSERVATIONS

09 new cases of Urticaria, taking homoeopathic medicine alongwith allopathic medicine were found improved when allopathic drugs were withdrawn and 20 cases showed no recurrence during the reporting period. The medicines Natrum muriaticum, Rhus toxicodendron, Sepia and Sulphur were also found effective in the preceding years. The frequency and intensity of the attacks in urticaria has been markedly reduced. Although the indications of few medicines noted above have been verified yet further verification is required.

### FUTURE PROGRAMME

The project is to continue. It has been withdrawn from Clinical Research Unit, Surat from April 1996.

### 1.1.21. TONSILLITIS

The Council has undertaken a research scheme to study the efficacy of homoeopathic medicines in cases of tonsillitis at Clinical Research Unit, Bahadurgarh (1982), Clinical Research Unit, Shimla (1979) and Clinical Research Unit, Madras (1987). The study was also undertaken at Regional Research Institute, New Delhi from 1984 to 1987.

### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied	New cases		Old cases
Improvement indices	108		73
- cured			
- improved			04
- markedly	04		
- moderately			07
- mildly	24		10
- not improved	16		05
- not reported	16		Nil
- under observation	03		Nil
- dropped out	09		Nil
	35		
	01		

## MEDICINES FOUND EFFECTIVE

Name of medicines with potency	No. of cases* found effective in
1. Lycopodium 30, 200	05
2. Baryta carbonicum 30,200,	12
3. Calcarea carbonicum 30,200	33
4. Mercurius solubilis 30,200,	08
5. Hepar sulphuris calcareum 30,200	17
6. Lachesis 30,200	07
7. Phytolacca 30,200,1M	05
8. Bacillinum 200	02
9. Belladonna 30,200	14

## OBSERVATIONS

Eight (08) cases of Acute Tonsillitis given the "Status of cure". Out of 63 cases of Chronic Tonsillitis, 14 cases showed "no recurrence of complaints" have been during the period under report. The duration, frequency and intensity of subsequent attacks was reduced. Although many of the indications of the above mentioned medicines have been confirmed, yet they need further verification.

## FUTURE PROGRAMME

The project is to continue.

### 1.1.22. VITILIGO

The Council has undertaken a research scheme to study the efficacy of Homoeopathic medicines in Vitiligo at Clinical Research Unit, Surat (Gujarat) since 1985.

Due to non-availability of research cases the Scientific Advisory Committee of the Council recommended to withdraw this project and as such this unit will undertake Clinical Verification Studies from April 1996.

## 1.2. DRUG RELATED CLINICAL RESEARCH

### 1.2.1. AMOEBIASIS: To Clinically Evaluate the Efficacy of Following Drugs in Amoebiasis

1. Achyranthes aspera	2. Aegle folia
3. Aegle marmelos	4. Arsenicum album
5. Atista indica	6. Cinchona officinalis
7. Colchicum	8. Colocynthis
9. Cynodon dactylon	10. Holarrhena antidysenterica
11. Ipecacuanha	12. Mercurius corrosivus
13. Mercurius solubilis	14. Nux vomica
15. Sulphur	

The drug related study on Amoebiasis is being undertaken at Clinical Research-cum-Epidemic Cell, Bhopal since 1987 and Clinical Research Unit, Port Blair since 1989.

### ACHIEVEMENTS DURING THE YEAR 1995-96

	New	Old
Number of cases studied	120	59
<b>Improvement indices</b>		44
- improved	90	11
- markedly	14	04
- moderately	04	Nil
- mild	04	Nil
- not improved	04	
- under observation	08	

### EFFECTIVENESS OF THE ASSIGNED DRUGS

Name of medicine with potency	No. of cases found effective in
1. Aegle folia Q, 3X	31
2. Atista indica Q,6,30	52
3. Arsenic album 30	02
4. Cinchona officinalis 30,200	06
5. Cynchona officinalis 30,200	28
6. Cynodon dactylon Q	14
7. Holarrhena antidysenterica Q,3x,6x30	02
8. Mercurius corrosivus 30	19
9. Mercurius solubilis 30,200	11
9. Nux vomica 30,200	

## OBSERVATIONS

The assigned drugs as above, were found effective in alleviating the subjective and objective symptoms of Amoebiasis. 44 cases improved markedly in 3 months and 06 cases showed improvement in 06 months both clinically and pathologically. Mercurius solubilis and Atista indica, Aegle folia and Cynodon dactylon are found to be more

efficacious both clinically and pathologically. The list of indications of these drugs as noted earlier have been confirmed. These have been, though verified, but they need repeated verification.

#### FUTURE PROGRAMME

The project is to continue.

#### 1.2.2. BEHAVIOURAL DISORDERS: To Clinically Evaluate the Efficacy of Following Drugs in Behavioural Disorders

- |                      |                     |
|----------------------|---------------------|
| 1. Belladonna        | 2. Hyoscyamus niger |
| 3. Ignatia amara     | 4. Lachesis         |
| 5. Natrum muriaticum | 6. Nux vomica       |
| 7. Phosphorus        | 8. Pulsatilla       |
| 9. Stramonium        | 10. Sulphur         |

The Council has initiated a research scheme to clinically evaluate the action of Belladonna, Hyoscyamus, Ignatia amara, Lachesis, Natrum muriaticum, Nux vomica, Phosphorus, Pulsatilla, Stramonium and Sulphur at Central Research Institute, Kottayam from the year 1991. These drugs were identified to be most useful in the management of Behavioural disorders at the Institute during the years 1967 to 1990.

#### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied	New
Number of cases studied drug wise	117

	Number of cases		
	T	M	F
1. Belladonna	07	03	04
2. Ignatia	13	03	10
3. Lachesis	09	03	06
4. Natrum muriaticum	26	08	18
5. Nux vomica	07	04	03
6. Pulsatilla	26	08	18
7. Stramonium	05	03	02
8. Sulphur	12	08	04
9. Hyoscyamus	01	01	00
10. Phosphorus	11	05	06

#### Improvement indices

- cured
- improved
- markedly
- moderately
- mildly

Nil

19  
28  
19

- not improved	15
- worse	04
- under observation	32

#### EFFECTIVENESS OF ASSIGNED DRUGS

Name of medicine and potency	No. of cases found effective in
1. Belladonna 200,	06
2. Ignatia 200,1M	05
3. Lachesis 30	04
4. Nux vomica 200,1M	05
5. Phosphorus 30,200	04
6. Pulsatilla 30,1M	19
7. Stramonium 200,1M,10M	03
8. Sulphur 200,1M,10M	09
9. Natrum muriaticum 30,200,1M	20
10. Hyoscyamus 200,1M,10M	01

#### OBSERVATIONS

The parameters for selection of assigned drugs have been drawn and are prescribed accordingly. During the course of studies it is observed that the assigned drugs have been found useful in the treatment of Behavioural disorders. It is seen that in affective disorders, Ignatia and Natrum muriaticum come at the top: Pulsatilla, Phosphorus and Sulphur help equally in acute and chronic phases of depression; Sulphur, Pulsatilla, Lachesis and Nux vomica are the most important and effective remedies for schizophrenia. Also, it was seen that patient who had regular follow up and treatment with homoeopathic similimum had less number of recurrence of the complaints.

#### FUTURE PROGRAMME

The project is to continue.

#### 1.2.3. BRONCHIAL ASTHMA : To clinically Evaluate the Efficacy of Following Drugs in relieving the Bronchial spasm

- |                               |                          |
|-------------------------------|--------------------------|
| 1. Ammonium carbonicum        | 2. Aspidosperma          |
| 3. Antimonium arsenicosum     | 4. Antimonium tartaricum |
| 5. Arsenicum album            | 6. Arsenicum iodatum     |
| 7. Bryonia alba               | 8. Cassia sophera        |
| 9. Carbo vegetabilis          | 10. Coded drug           |
| 11. Hepar sulphuris calcareum | 12. Ipecacuanha          |
| 13. Kali bichromicum          | 14. Lachesis             |
| 15. Natrum sulphuricum        | 16. Pituitrin            |
| 17. Pulsatilla                | 18. Kali carbonicum      |
| 19. Spongia tosta             | 20. Viburnum opulus      |

The Council has initiated a research scheme to clinically evaluate the action of the above mentioned drugs in relieving the Bronchial asthma at the following Institutes/Units:

Clinical Research Unit, Shimla	since 1988
Clinical Research Unit	since 1993
Regional Research Institute, New Delhi	since 1990
Regional Research Institute, Bombay	since October, 1991
Clinical Research Unit, Udipi	since April, 1993

This group of medicines had been found effective in the management of Bronchial asthma under the disease related project (reported under 1.1.5.).

### ACHIEVEMENTS DURING THE YEAR 1995-96

S.No.	Name of the drug	Number of cases studied
		197
1.	Ammonium carbonicum	02
2.	Antimonium arsenicosum	04
3.	Antimonium tartaricum	06
4.	Arsenicum album	68
5.	Arsenicum iodatum	03
6.	Bryonia alba	14
7.	Carbo vegetabilis	04
8.	Hepar sulphuris calcareum	18
9.	Ipecacuanha	12
10.	Kali carbonicum	12
11.	Natrum sulphuricum	26
12.	Pulsatilla	14
13.	Spongia tosta	03
14.	Viburnum opulus	04
15.	Cassia sophera	09
16.	Cassia sophera + Viburnum opulus	04
17.	Kali bichromicum	11
	Pituitrin	01
<b>Improvement indices</b>		
- cured		100
- improved		35
- markedly		41
- moderately		07
- mildly		10
- not improved		01
- not reported		01
- dropped out		03
- under observation		

### EFFECTIVENESS OF ASSIGNED DRUGS

Name of medicines with potency	No. of cases* found effective in
1. Ammonium carbonicum 30,200,1M	02
2. Antimonium arsenicosum 30,200	06
3. Antimonium tartaricum 30,200,1M,10M,50M,CM	06
4. Arsenicum album 30,200,1M,10M,50M,CM	116
5. Arsenicum iodatum 30,	04
6. Carbo vegetabilis 30,200,1M	04
7. Hepar sulphurios calcareum 30,200,1M	27
8. Ipecacuanha 6,30,200,1M,10M,50M,CM	23
9. Kali carbonicum 30,200,10M,50M,CM	24
10. Natrum sulphuricum 30,1M,10M,50M,CM	29
10. Pulsatilla 30,200,1M	16
11. Spongia tosta 6,30,200	03
12. Viburnum opulus Q,3X,30	09
13. Cassia sophera Q	09
14. Bryonia 30,200,1M,10M,50M,CM	05
15. Tuberculinum 200,1M,10M,50M,CM	06
16. Kali bichromicum. 30,200,0/1	04
17. Cassia sophera+ Viburnum opulus Q	01
18. Pituitrin 30	

\* Includes the data related to old (follow up) cases.

### OBSERVATIONS

In 30 cases out of 41 cases the direction of cure was in reverse order of the appearance of symptoms, in 03 cases no recurrence of complaints was observed.

### FUTURE PROGRAMME

This project will now be studied under the disease related clinical research programme with Hahnemannian concept.

### 1.2.4. CERVICITIS AND CERVICAL EROSION: To clinically Evaluate the Efficacy of Following Drugs in Cervicitis and Cervical Erosion

- |                      |                        |
|----------------------|------------------------|
| 1. Alumina           | 2. Arsenicum album     |
| 3. Borax             | 4. Calcareo carbonicum |
| 5. Kali carbonicum   | 6. Kreosote            |
| 7. Lachesis          | 8. Mercurius solubilis |
| 9. Natrum muriaticum | 10. Pulsatilla         |
| 11. Sepia            |                        |

The Council has initiated a research scheme to clinically evaluate the action of above mentioned drugs on Cervicitis and Cervical Erosion at Clinical Research Unit, Varanasi since April 1990 and also initiated at Clinical Research Unit, Tirupathi from April 1995. This group of drugs has been identified as the most effective in the management of said diseases under the disease related Research Project (reported under 1.1.6).

### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied	70
<b>S.No. Name of drugs</b>	
1. Alumina	
2. Arsenicum album	
3. Borax	
4. Calcarea carbonicum	
5. Kreosote	
6. Lachesis	
7. Natrum muriaticum	
8. Sepia	
9. Pulsatilla	
<b>Improvement indices</b>	
- cured	Nil
- improved	
- markedly	
- moderately	
- mildly	
- not improved	15
- not reported	27
- under observation	11
- dropped out	08
	05
	05
	01

### OBSERVATIONS

During the reporting year, Sepia and Pulsatilla were found to be most effective medicines in relieving both subjective and objective symptoms. The data obtained, so far is insufficient. The studies are, therefore, to continue.

### FUTURE PROGRAMME

The project is to continue.

### 1.2.5. DIABETES MELLITUS: To Clinically Evaluate the efficacy of CEPHALANDRA INDICA in Diabetes Mellitus

An indigenous drug, Cephalandra indica has been said to have beneficial results in the treatment of Diabetes mellitus especially its role in the maintenance of blood sugar level.

An experimental study conducted in Alloxan induced diabetes in albino rats under the aegis of Council also revealed that Cephalandra indica helps to obtain and maintain the normal blood sugar level (A paper presented at 41st Congress of International Homoeopathic Medical League held at Rio de Janeiro, Brazil, Sept. 8- 12, 1986 by Dr. D.P. Rastogi, Director, C.C.R.H.).

As such, in order to clinically evaluate its efficacy the Council has undertaken this project at the following Institute/ Units which is being continued:

- |   |                  |
|---|------------------|
| 1) Regional Research Institute, New Delhi | since April 1987 |
| 2) Clinical Research Unit, Madras         | since April 1989 |
| 3) Drug Standardisation Unit, Hyderabad   | from July 1992   |

The project had also been undertaken at Central Research Institute, Kottayam in the year 1989-90.

### ACHIEVEMENTS DURING THE YEAR 1995-96

	New	Old
Number of cases studied	108	142
Treated only with homoeopathic medicines	65	58
Advised allopathy alongwith homoeopathy	36	49
Homoeopathic medicine + exercise + low calorie diet	07	—
		Mother tincture
<b>Potency used</b>		Old
<b>Improvement indices</b>	New	
- cured		31
- improved	09	34
- markedly	28	28
- moderately	18	12
- mildly	13	—
- not improved	32	—
- under observation	08	02
- not reported	—	
- worse		

## OBSERVATIONS

In 62 cases studied under the project improvement in varying degree was observed. It was found that *Cephalandra indica* helped in controlling the blood sugar level of varying ranges as below :

Range of blood sugar reduced	No. of cases	
	Fasting	Post prandiol
0 to 40 mg.	49	27
40 to 80 mg.	09	25
80 to 360 mg.	04	10

Some cases also showed improvement in Diabetic retinopathy.

## FUTURE PROGRAMME

The project is to continue.

### 1.2.6. FILARIA: To Clinically Evaluate the Efficacy of Following Drugs in Filaria

1. Apis mellifica
3. Bryonia alba
5. Mercurius solubilis
7. Pulsatilla
9. Rhus toxicodendron

2. Belladonna
4. Lycopodium
6. Natrum muriaticum
8. Rhododendron
10. Sulphur

Keeping in view the importance and development of curative treatment of Filariasis, the Council has undertaken a research scheme to clinically evaluate the action of the above mentioned drugs at Homoeopathic Research Institute for Filaria, Puri (1985-86) and Regional Research Institute, Gudivada (1985-86) These ten drugs have been indentified to be most useful in the management of Filariasis under the disease related clinical research project (1.1.9).

## ACHIEVEMENTS DURING THE YEAR 1995-96

Improvement indices	Number of cases studied		
	New	Old	Total
- cured	670	822	1492
- improved	Nil	Nil	Nil
- markedly	Nil	212	212
- moderately	Nil	240	240
- mildly	22	224	246
- not improved	Nil	128	128
- under observation	645	18	663
- not reported	03	-	03

## EFFECTIVENESS OF THE ASSIGNED DRUGS

Name of medicine with potency	No. of cases* found effective in
1. Apis mellifica 3x,6 to CM,0/3 to 0/5	47
2. Belladonna 6 to 10M	13
3. Bryonia alba Q to CM, 0/3 to 0/15	17
4. Lycopodium 30 to CM	09
5. Mercurius solubilis 6 to CM	43
6. Natrum muriaticum 3x,6 to CM, 0/3 to 0/19	23
7. Pulsatilla 6 to CM	11
8. Rhododendron 6 to 10M	299
9. Rhus toxicodendron 6 to CM, 0/5 to 0/9	86
10. Sulphur 6 to CM,	02
11. C.C.R.H. coded drug (On trial basis)	01
12. Arsenic album 200	03
13. Myristica sebifera 200	

\* Includes the data related to old and new cases as well.

## OBSERVATIONS

Rhus toxicodendron (299), Bryonia alba (132), Sulphur (86) & Apis mellifica (47) were found most frequently indicated and useful medicines in Filaria amongst the ten identified assigned drugs. These four drugs were found effective in the preceding years also. It is observed that inflammatory state of the said disease is amenable to some extent but mentioned homoeopathic drugs. The lymphatic oedema especially the pitting type is also amenable to some extent but on microfilaraemia, no perceptible effect was observed so far, except a transient reduction in total count. In the cases of elephantiasis, feeling of heaviness is reduced, patient is able to perform daily activities. Various kinds of skin infections over elephantoid leg are checked. Microfilarae disappeared in 09 cases out of 61 cases, rest of the cases showed clinical improvement of various grades.

## FUTURE PROGRAMME

The project is to continue.

### 1.2.7. EFFECT OF HOMOEOPATHIC DRUGS ON MICROFILARAEMIA

The project was started in July,94 in Homoeopathic Research Institute, Puri, to study the effect of eight (08) homoeopathic drugs on Microfilaraemia.

1. CCRH Coded drug
2. Natrum fluoricum
3. DEC (Potentised)
4. Tuberculinum
5. Drosera
6. Arsenic album
7. Hydrocotyle Q/3x
8. Hydrocotyle 1M/10M

In the continuing project for evaluating effects of homoeopathic drugs on microfilaraemia in vivo the trial with CCRH coded drug has already been reported in the Annual Report of the Council for the year 1994-95. During the current year two drugs were tried, Arsenic album and Tuberculinum in LM and Centesimal potencies on two groups and it was seen that, only 4.5% cases showed microfilaraemia negative (in low density area), 13.64% cases remained negative after the treatment for 168 days, Microfilaraemia count (Mf) decreased in 9% with arsenic album and 27.30% with Tuberculinum. In such short term conclusion cannot be drawn, therefore, study is to continue.

### 1.2.8. GALL STONES: To Study the Efficacy of Homoeopathic Drug FEL TAURI 2x or 3x (trituration) in Gall Stones.

In order to find out the efficacy of Fel tauri 2x or 3x (trit) in clinical cases of gall stones, the Council has undertaken this study at Clinical Research Unit, Varanasi and Clinical Research Unit Shimla, and also initiated at Regional Research Institute, New Delhi.

#### ACHIEVEMENTS DURING THE YEAR 1995-96

	New	Old
Number of cases studied	28	
Drugs used	Fel tauri 3x, 30 Mag phos 6x	13
Improvement indices		
- cured	Nil	Nil
- improved		
- mildly		
- not improved	17	01
- not reported	Nil	01
- under observation	05	Nil
	06	11

#### OBSERVATIONS

Thirteen (13) old follow up cases besides 28 new cases were studied during the period. The frequency and intensity of subsequent attacks of colic has been controlled effectively by Fel tauri and relief has also been observed in subjective and objective symptoms. One case has shown multiple to single (i.e. reduction in no. of gall stones) stone in the repeat ultrasound of gall bladder after treatment for about 1 year and 10 months besides having relief in both subjective and objective symptoms, this case is being still followed up and the size of stone is reduced in repeat ultrasound in another case. Predominance of female cases has also been observed during the period under report. The result obtained so far are encouraging but for a definite assessment of the efficacy of Fel tauri, large number of cases have to be studied.

#### FUTURE PROGRAMME

The project is to continue.

### 1.2.9. HELMINTHIASIS: To Clinically Evaluate the Efficacy of Following Drugs in Helminthiasis

1. Chelone glabra
2. Cina
3. Cuprum oxydatum nigrum
4. Embelia ribes
5. Teucrium marum verum
6. Thymol

Many homoeopathic medicines have specific therapeutic action in Helminthiasis but this needs to be confirmed. In order to evaluate clinically the action of the drugs Chelone glabra, Teucrium, Biranga (Embelia ribes), Cuprum oxydatum nigrum, Cina and Thymol in Helminthiasis, the Council has undertaken this project at the following Units:

Clinical Research Unit, Bahadurgarh	(1980)
Clinical Research Unit, Guwahati	(1984)
Clinical Research Unit, Shimla	(1979)
Clinical Research-cum-Epidemic Cell, Bhopal	(1987)
Clinical Research Unit, Surat	(1989)

The study was also undertaken at Homoeopathic Research Institute, Jaipur from 1982-93.

#### ACHIEVEMENTS DURING THE YEAR 1995-96

	New cases
Total number of cases studied	148
1. Chelone	22
2. Cuprum oxydatum nigrum	23
3. Cina	44
4. Embelia ribes	15
5. Teucrium	38
6. Thymol	06
Improvement indices	03
- cured	47
- improved	32
- markedly	31
- moderately	15
- mildly	14
- not improved	05
- not reported	01
- under observation	
- worse	

#### EFFECTIVENESS OF THE ASSIGNED DRUGS

Name of medicine with potency	No. of cases found effective in
1. Chelone Q, 30	15
2. Cuprum oxydatum nigrum 3x, 6x, 30	17
3. Embelia ribes Q, 30	04
4. Cina 30, 200, 1M	34
5. Teucrium Q, 30, 200	17
6. Thymol Q, 30	03

## OBSERVATIONS

148 cases of various helminthic infections, were studied during this year. The assigned drugs i.e. Chelone, Cina, Cuprum oxydatum nigrum, Embelia ribes, Teucrium and Thymol have helped in expulsion of worms. The symptoms enumerated in the homoeopathic literature have been confirmed. However, the studies are continued for repeated verification.

## FUTURE PROGRAMME

The project is to continue. It has been withdrawn from Clinical Research Unit, Surat from April 1996.

### 1.2.10. INTERMITTENT FEVER : To Clinically Evaluate the Efficacy of Following Drugs in Intermittent Fever

- |                           |                             |
|---------------------------|-----------------------------|
| 1. Alstonia constricta    | 2. Amooro rohituka          |
| 3. Apis mellifica         | 4. Arsenicum album          |
| 5. Caesalpenia bonducella | 6. Chininum arsenicosum     |
| 7. Chininum sulphuricum   | 8. Cinchona officinalis     |
| 9. Eupatorium perfoliatum | 10. Gelsemium               |
| 11. Gentiana chirata      | 12. Ipecacuanha             |
| 13. Natrum muriaticum     | 14. Nyctanthes arbortristis |
| 15. Vitex negundo         |                             |

The Council, in order to obtain confirmatory symptomatic data, has undertaken a research scheme to clinically evaluate the action of the above mentioned drugs in Intermittent Fever. These drugs were identified to be most useful in the management of Malaria (Disease related) in the units functioning under the aegis of this Council, located at Rajasthan and Andaman and Nicobar Islands prior to 1989-90. The drug-related study has been undertaken at Clinical Research Unit, Port Blair, Andaman & Nicobar Islands from April, 1989 and was also initiated at Homoeopathic Research Institute, Jaipur from April, 1993 which is continued.

### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied	
1. Apis mellifica 30	141
2. Alstonia constricta 30	02
3. Arsenicum album 30,200	09
4. Caesalpenia bonducella 30	70
5. Chininum arsenicum 30,200	05
6. Chininum sulphuricum 200	19
7. Cinchona officinalis 30,200	01
8. Eupatorium perfoliatum 30	17
9. Gelsemium 30,200	15
10. Gentiana chirata 6	10
11. Ipecacuanha 30,200	02
12. Natrum muriaticum 30,200	34
13. Nyctanthes arbortristis 30	24
14. Vitex negundo 30	04
	03

New Old

## Improvement indices

- cured	68	55
- improved		
- markedly	59	18
- moderately	09	Nil
- not improved	05	Nil

## EFFECTIVENESS OF THE ASSIGNED DRUGS

Name of medicines and potency	No. of cases* found effective in
1. Natrum muriaticum 30,200	24
2. Caesalpenia bonducella 30	05
3. China officinalis 30,200	17
4. Arsenicum album 30	70
5. Ipecacuanha 30	34
6. Eupatorium perfoliatum 30	15
7. Apis mellifica 30	02
8. Alstonia constricta 30	09
9. China ars. 30	19
10. China sulph. 30	02
11. Gelsemium 30	10
12. Gentiana chirata 6,30	02
13. Nyctanthes arbortristis 30	04
14. Vitex negundo 30	01

\* Includes the data related to new as well as old cases.

## OBSERVATIONS

Sixty eight (68) new cases and fifty five (55) follow up cases are given the status of cure. During the course of studies, the drugs as reported above were found useful in the treatment of Intermittent fever. The indications of the medicines as noted earlier are verified.

## FUTURE PROGRAMME

- The project will be studied to verify the Hahnemannian concept (Organon section 231 - 234) of Intermittent fever:
- Sporadic or epidemic
  - Epidemic in non-marshy places
  - Pernicious Intermittent fever (non-marshy)
  - Endemics in marshy places

### 1.2.11. MALPOSITION OF HUMAN FOETUS : To Clinically Evaluate the Efficacy of PULSATILLA NIGRA 200 in Correcting the MALPOSITION OF HUMAN FOETUS

The homoeopathic medicines are said to have a great value in the field obstetrics, especially Pulsatilla nigra which is prominently a female remedy and reported to have a power to correct the abnormal position of human foetus. In order to conduct a scientific study the Council undertook this project at Clinical Research Unit, Varanasi where all the cases are being received as referred cases by consultants of modern medicine.

**ACHIEVEMENTS DURING THE YEAR 1995-96**

Number of cases studied	35
Drug	Pulsatilla nigra 200
Dosage	Two doses once in a week.
<b>Improvement indices</b>	
- responded cases	18
- not reported	10
- not responded	07

**OBSERVATIONS**

During the course of studies it has been observed that the drug Pulsatilla 200 is effective in correcting the abnormal foetal position in about 51.42% cases ( 18 out of 35 cases) The result obtained are useful and confirm the available indications for its use. But this needs repeated verification before making such trials. The study, therefore, is continued.

**FUTURE PROGRAMME**

The project is to continue.

**1.2.12. MENORRHAGIA: To Study the Efficacy of FICUS RELIGIOSA Mother tincture in Menorrhagia**

Ficus religiosa, an indigenous drug has been said to have cured haemorrhages of many kinds. As such, the Council in order to clinically evaluate the efficacy of Ficus religiosa (mother tincture form) in Menorrhagia has undertaken this study at Clinical Research Unit, Varanasi.

**ACHIEVEMENTS DURING THE YEAR 1995-96**

Number of cases studied	New	
Drug	45	
Dosage	Ficus religiosa (Mother Tincture)	
	5 to 8 drops thrice daily for 15 days and repeat for same period on every subsequent visit.	
<b>Improvement indices</b>		
- cured	Nil	
- improved	15	
- markedly	10	
- moderately	06	
- mildly	08	
- not improved	02	
- not reported	04	
- under observation		

**OBSERVATIONS**

It was observed that the assigned drug Ficus religiosa mother tincture is found to be effective in Menorrhagia in about 68.89 % cases ( 31 cases). The data collected so far is useful but need to be verified repeatedly. The Hb% was improved by more than 2 gm. in 07 cases during the reporting year. The studies, therefore, are further continued.

**FUTURE PROGRAMME**

The project is to continue.

**1.2.13. VITILIGO : To Clinically Evaluate the Efficacy of ARSENICUM SULPHURATUM FLAVUM in Vitiligo**

The drug Arsenicum sulphuratum flavum is said to be a specific for Vitiligo as reported in the homoeopathic literature. As such to clinically study its efficacy the Council started this project at Clinical Research Unit, Surat and Tirupathi from April, 1987.

**ACHIEVEMENTS DURING THE YEAR 1995-96**

	New	Old
Number of cases studied	58	72
Potencies	30,200,1M,10M,50M,CM	
<b>Improvement indices</b>		16
- cured	Nil	19
- improved	06	15
- markedly	11	11
- moderately	20	11
- mildly	Nil	Nil
- not improved	07	Nil
- under observation	14	
- not reported		

**OBSERVATIONS**

During the course of studies, Arsenic sulph flavum was found effective in 98 cases (including both new as well as old cases). Vitiligo, being a chronic disease requires long treatment and follow up, as such the studies are continued to arrive at a definite conclusion.

**FUTURE PROGRAMME**

The project has been withdrawn from Clinical Research Unit, Surat and is to continue at C.R.U., Tirupati.

## 2. CLINICAL RESEARCH IN EPIDEMICS

### INTRODUCTION

Epidemics are widespread outbreaks of a disease affecting simultaneously a number of people in one of several neighbourhoods, and even whole districts, state or countries. Each outbreak may be totally different from the preceding or succeeding ones, even though pathologically it may be diagnosed as the same disease.

The number of outbreaks of communicable disease has been increasing in recent years. These outbreaks can often be halted by the correct homoeopathic remedy administered at the first indication of disorder. This will shorten the duration of the illness and prevent after effects.

In view of recurrent spurts of various epidemics in different regions of the country and since Homoeopathy has been observed to play a great role in alleviating the sufferings of the people affected by epidemics, the Council has been carrying out studies in this respect since its inception. The Council has established an "Epidemic Cell" at its Headquarters, New Delhi.

The aims of this Cell are:-

1. To rush in time of need with physicians and medicines to relieve the suffering of the afflicted population.
2. To find out the Genus epidemicus.
3. To provide preventive treatment to the persons who are not affected but are potentially susceptible to get the disease.
4. To study various other aspects of the epidemics.

### 2.1. BRIEF RESUME OF THE WORK DONE PRIOR TO 1995

The Council had carried out studies during the following epidemics prior to the year 1995.

Epidemics	Place	Year
Conjunctivitis	Calcutta, Delhi, Hyderabad, Gudivada Bahadurgarh, Ghaziabad, Delhi	1981, 1988 1985 1986
Dengue Fever	Delhi	1982
Killer Fever	Uttar Pradesh	1983
Japanese Encephalitis	Uttar Pradesh, West Bengal, Andhra Pradesh & Delhi Tripura, Gudivada, Hyderabad, Diphu (Assam) Gorakhpur (U.P.) & Basti (U.P.) Maharajganj	1984 1986
Bacillary Dysentery	West Bengal, Bastar (M.P.) Shimla, Bhubneshwar (Orissa), Gonda (U.P.)	1988, 1989, 1992 1991
Yellow Fever	New Delhi	1984 1988

Jaundice	Surat, Calcutta Jaipur, Hyderabad, Rajkot, Gonda (U.P.)	1984-85 1985
Typhoid Fever	New Delhi	1988
Measles	Jaipur, Hyderabad, Rajkot and Gonda (U.P.), Bhopal Bharauach	1985 1988
Meningitis	Delhi Jeypore (Orissa), Sagar (M.P.) & Distt. Vizianagram (A.P.) Distt. Sagar (M.P.) Jagdalpur (Bastar, M.P.)	1986 1988, 1989 1990, 1991 1992
Cholera	Jeypore (Orissa), Gonda Bharauach (Gujarat), Calcutta Delhi	1985 1988
Gastro-Intestinal Disorders	Tripura Distt. Krishna (A.P.)	1985 1990
Viral Fever	Delhi	1988, 1989, 1990 1991, 1992
Kala azar	Burdwan & Hooghly, W.B. Muzaffarpur	1994
Plague	Surat (Gujarat) Beed, Solapur (Maharashtra)	1994
Malaria	Districts of Jaipur, Barmer, Bikaner, Jodhpur, Jaisalmer (Rajasthan)	1995 (June '95)

### 2.2. STUDIES MADE DURING THE YEAR 1995-96

Japanese Encephalitis Muzaffarpur (Bihar)

#### Encephalitis

In the wake of outbreak of Encephalitis in Muzaffarpur Distt. (Bihar) in June, 1995 the Council distributed preventive drugs through its Clinical Verification Unit at Patna. The genus epidemicus was determined after studying some cases. Belladonna 200, 6 doses, each to be taken twice daily for 3 days were given to 287 children. The children in the age group of 4-7 years were most affected. None of the children reported signs and symptoms of Encephalitis. Eleven patients suffering from Encephalitis were provided individual homoeopathic treatment. Homoeopathic medicines, Arsenic album 30 and Helleborus 30 proved to be very efficacious.

#### FUTURE PROGRAMME

The research in epidemics to continue.

### 3. CLINICAL RESEARCH IN TRIBAL AREAS

#### INTRODUCTION

Tribes are an integral part of the Indian civilisation. Next to Africa, India has the largest tribal population in the world. Tribal people constitute seven percent of the total Indian population. They are one of the earliest inhabitants of the country and have contributed to the variety and richness of its cultural forms.

There are 425 pockets of schedule tribes in India. Planning for tribal development has now become a concurrent exercise with the planning at the state and the national level.

India is strongly committed to the WHO's goal of "Health for All by the year 2000 A.D." A positive state of health and a feeling of well being are fundamental for leading good life. Eighty percent of India's population lives in rural areas and a high proportion of this population lives in tribal, hilly and desert areas who have no access to health care facility. This goal cannot be achieved without the active participation of Indian Medicine and Homoeopathy.

Keeping this in view the Council has adopted clinical research programmes in predominantly tribal areas as one of its important programmes. Clinical Research in tribal areas was initiated in the year 1983-84 and since then twenty two(22) such units have been established in different parts of the country. These units are intended to provide medical care to the local tribals as bye-way of research studies and also to gather data of prevalence of diseases, food habits, local customs and beliefs, natural resources and folklore concerning medicine and health. The research workers conduct door-to-door surveys for collecting health statistics from randomly selected rural pockets with a view to identify the prevalence of any particular disease so that the medicine delivery can reach the grassroot level.

The Units are presently located at Agartala (Tripura), Aizawl (Mizoram), Bharmour (H.P.), Bharuch (Gujarat), Churachandpur (Manipur), Dandeli (Karnataka), Dimapur (Nagaland), Diphu (Assam), Gangtok (Sikkim), Gonda (U.P.), Idduki (Kerala), Itanagar (Arunachal Pradesh), Jagdalpur (M.P.), Jeypore (Orissa), Leh (J&K), Pondicherry, Ranchi (Bihar), Salem (Tamilnadu), Sambalpur (Orissa), Shillong (Meghalaya), Siliguri (W.B.) and Vijayawada (A.P.).

#### 3.1. WORK DONE FOR THE DEVELOPMENT AND WELFARE OF SCHEDULED CASTES/TRIBES

During the year under report 91 Scheduled Caste and 21 Scheduled Tribe Officers/Members of staff were working under the Council.

#### 3.2. DRUG RELATED CLINICAL RESEARCH PROJECTS ASSIGNED TO TRIBAL UNITS

The Tribal units have been assigned the Drug - related Clinical Research projects on the diseases found prevalent while conducting the survey. These Units also continued the survey work and provided medical aid to the tribals at their doorsteps by organising camps.

#### 3.3 ACHIEVEMENTS DURING THE YEAR 1995-96

The project-wise achievements of twenty one (21) Units is mentioned below. One tribal unit established during the year 1987 - 88 at Sambalpur (Orissa) is undertaking evaluation of efficacy of homoeopathic medicines in Sickle Cell Anaemia which is a very common problem in that area, so it is under purview of Clinical Research, as such the results obtained during the reporting year are mentioned in the disease related clinical research programme (1.1.18).

The total attendance in the out patient department was 2,48,640 and drug related research cases registered during this year were 4,405.

### 1. AMOEBIASIS

To clinically evaluate the action of the following drugs on Amoebiasis:

Alstonia constricta, Ambrosia, Asclepias tuberosa, Atista indica, Cynodon dactylon, Emetine, Ficus indica, Helleborus, Holarrhena antidysenterica, Leptandra, Silphium, Raphanus, Trombidium, Xanthoxylum, Zincum sulphuricum.

This project is being undertaken at Clinical Research Units (Tribal) at Dandeli, Dimapur, Gonda, Itanagar, Jeypore, Churachandpur, Gangtok and Agartala.

#### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied	:	495
Number of cases found effective in	:	422

#### Assigned drugs found useful with their potency

Sl. No.	Name of the medicine	No. of cases prescribed	No. of cases found effective in
1.	Trombidium Q,6	110	104
2.	Cynodon dactylon Q,3x	103	69
3.	Emetine 30	87	78
4.	Atista indica Q,3x	48	39
5.	Ficus indica Q,3x	33	30
6.	Alstonia constricta Q,3x	32	14
7.	Leptandra Q,3x	18	16
8.	Asclepias tuberosa 30	16	13
9.	Holarrhena antidysenterica Q,6,30	13	11
10.	Silphium 30	13	7
11.	Helleborus 30	9	7
12.	Raphanus 30	7	3
13.	Ambrosia 30	3	1
14.	Zincum sulphuricum 30	3	

#### SYMPTOMATOLOGY OF THE DRUGS FOUND MOST EFFECTIVE

1. Trombidium  
Specific burning in anus, symptoms are worse by food & drink, pain in abdomen, before and after stool. Gripping in hypochondrium, in morning. Stool brown, thin, bloody with tenesmus. Stools only after eating.
2. Cynodon dactylon  
Stool loose, mixed with mucus, pain below umbilicus worse before stool. Constipation with bleeding from rectum, flatulence with distension of abdomen relieved by passing flatus, loss of appetite with thirst for large quantity of water. Gripping pain in abdomen with flatulence relieved by passing flatus. Noisy flatus. Stool passes in a gush.
3. Atista indica  
Constipation or watery diarrhoea with bloody mucus stool, with or without force. Colicky pain around the umbilicus, stool pale earthy colour like. Pain followed by stool, continued after stool. Nausea, bloody mucus stool < morning and pain < after eating.

4. Alstonia constricta

Stool watery, loose, yellowish egg. by eating fatty & fried food. Stool with white mucus. Anorexia. Nausea & vomiting. Dysentery with fever. Pain > after stool, < before stool, < fatty fried food.

## 2. SKIN DISORDERS

To clinically evaluate the action of the following drugs on Skin Disorders:

Alnus, Anthrakokali, Arbutus andrachne, Arsenicum iodatum, Berberis aquifolium, Euphorbium, Hygrophila spinosa, Idothrine, Kali arsenicum, Mercurius dulcis, Oleander, Skookum chuck, Strychninum arsenicum.

This project is being undertaken at Clinical Research Units (Tribal) at Aizawl, Jagdalpur, Bharmour, Gondal, Itanagar, Ranchi, Salem, Siliguri and Diphu.

### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied

Number of cases found effective in

425

306

Assigned drugs found useful with their potency

Sl. No. Name of the medicine

No. of cases prescribed

No. of cases found effective in

1. Anthrakokali 30
2. Arsenicum iodatum 6
3. Kali arsenicum 6,30
4. Alnus Q,6
5. Berberis aquifolium 30
6. Oleander 6,30
7. Skookum chuck 30
8. Hygrophila spinosa 30
9. Euphorbium 30
10. Mercurius dulcis 30

117

56

48

47

47

42

36

29

2

1

97

42

9

30

40

28

35

24

1

---

### SYMPTOMATOLOGY OF THE DRUGS FOUND MOST EFFECTIVE

1. Anthrakokali

Papular like eruption with a vesicular tendency especially on genitals, hands and dorsum of feet. Intensive itching; fissures and cracks in winter season better by hot water application. Complaints worse by scratching. Usually eruptions are dry. Reddish granular circumscribed eruptions with itching. Reddish macular and papular eruptions with itching. Watery exudate from pimples. Complaints worse at night and warmth of bed. Burning after scratching. Eczematous eruptions worse in damp weather.

2. Arsenicum iodatum

Skin dry, scaly, itching. Marked exfoliation of skin in large scales, leaving a raw exuding surface. Enlarged scrofulous glands. Eczema of beard; watery, oozing, itching; < washing. Psoriasis. Debilitating night sweats. Emaciation. Acne hard, shotty, indurated base with pustules at apex. Peculiar persistent irritating discharge. Corrosive, sensitive to heat & cold both. Craves open air but not too cold, physical anxiety marked.

3. Alnus

Papular eruptions all over the body with itching. Papular eruptions after scratching on right eye brow, left corner of mouth, left armpit and in groins, watery bloody discharge after scratching. Complaints worse in summer, at night. Eczema on fingers and hands.

4. Berberis aquifolium

Miliary dark, reddish, blackish, hard pimples on face and back, with itching and burning. Creeping sensation on face, oozing of blood, pus from pimples. Rough and dry skin. Painful ulcer in the mouth. Itching worse by hot application and during night. Skin is dry, rough and scaly. Eruptions on scalp extending to face and neck. Glandular swelling. Good drug for Acne vulgaris and Psoriasis.

## 3. BRONCHIAL ASTHMA

To clinically evaluate the action of the following drugs on Bronchial Asthma:

Ambra grisea, Caladium, Cassia sophera, Coca, Grindelia robusta, Hydrocyanic acid, Kali chloricum, Moschus, Naja tripudians, Pothos foetidus.

This project is being undertaken at Clinical Research Units (Tribal) at Dandeli & Leh.

### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied

Number of cases found effective in

105

97

Assigned drugs found useful with their potency

Sl. No. Name of the medicine

No. of cases prescribed

No. of cases found effective in

1. Moschus Q,6,30
2. Grindelia Q,6,30
3. Pothos Q,6,30
4. Naja 6,30
5. Hydrocyanic acid 30,200
6. Kali chloricum 30
7. Cassia sophera Q,6,30
8. Coca Q,6,30

13

12

12

11

10

10

10

9

11

12

12

10

10

10

8

8

10

Besides these Ambrosia 30 in (6:5)\* cases, Caladium Q,6,30 in (6:5) cases and Justicia adhatoda 30 in (6:6) case were found.

\* The first figure in parenthesis denotes the number of cases prescribed and the second figure denotes the number of cases found effective in.

### SYMPTOMATOLOGY OF THE DRUGS FOUND MOST EFFECTIVE

1. Moschus

Tightness of chest, sensitiveness to air, oppression of chest, difficult breathing. Cough with difficult expectoration.

2. *Grindelia robusta*

Dyspnoea with excessive wheezing and oppression. Profuse expectoration, oppression of chest. Dyspnoea worse lying down and better sitting. Frothy, profuse tenacious mucus.

3. *Pothos foetidus*

Asthma; > after stool. Pain in chest, with difficult breathing. Tongue feels numb.

4. *Naja tripudians*

Pain in the left side of chest worse lying on left side, dry irritating cough. Slow respiration. Asthma with coryza. agg. use of stimulants, amel. walking in open air. Gasping for breath with sense of choking.

#### 4. BRONCHITIS

To clinically evaluate the action of the following drugs on Bronchitis:

*Ammoniacum deonia, Antimonium iodatum, Eucalyptus, Justicia adhatoda, Kali iodatum, Lobelia inflata, Luffa operculata, Senega, Solanum aceticum.*

This project is being undertaken at Clinical Research Units (Tribal) at Gangtok and Jeypore.

#### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied

Number of cases found effective in

117  
113

Assigned drugs found useful with their potency

Sl. No. Name of the medicine

No. of cases prescribed

No. of cases found effective in

1. Senega 30  
2. Lobelia inflata 6,30  
3. Justicia adhatoda 30  
4. Antimonium iodatum 30  
5. Kali iodatum 30  
6. Ammoniacum deonia 30

46  
27  
21  
18  
4  
1

46  
27  
18  
17  
4  
1

#### SYMPTOMATOLOGY OF THE DRUGS FOUND MOST EFFECTIVE

1. Senega

Chronic bronchitis with hacking cough. Oppression or tightness or weight on chest. Difficulty in raising cough. Profuse mucus. Bronchial catarrh with soreness of the chest. Pain in back on coughing agg. by walking in open air. sensation of a heavy weight on chest. Continuous cough with difficulty to raise the mucus.

2. Lobelia inflata

Difficulty in breathing with constriction in chest, agg. from any exertion. Continuous ringing cough worse by slightest motion. Feels as if his heart would stop if works much.

3. *Justicia adhatoda*

Acute catarrh of respiratory tract, dry cough from sternal region all over the chest. Paroxysmal cough, hoarseness larynx painful, suffocative attack of cough with sneezing. Severe dyspnoea with cough & tightness across chest. Dyspnoea aggravated in closed warm room. Cough with frequent and continuous sneezings. Dry cough with heaviness of chest. Gasping for breath when cough is severe.

4. *Antimonium iodatum*

Chronic bronchitis, with loss of strength & appetite. Dull & drowsy, subacute and chronic cold to chest which extends downwards from head to bronchial tube. Hard croupy cough with wheezing & inability to raise the sputum. Continuous cough with yellowish white thick expectoration which is frothy and comes out only after prolonged coughing. White coated tongue and thirst. Cough agg. during daytime.

#### 5. CERVICAL EROSION & CERVICITIS

To clinically evaluate the action of the following drugs on Cervical Erosion & Cervicitis:

*Alnus, Argentum muriaticum, Aurum muriaticum, Caltha palustris, Fagopyrum, Fluoricum acidum, Hydrastis, Hydrocotyle, Thalaspia bursa pastoris, Ustilago and Vespa crabro.*

This project is being undertaken at Clinical Research Unit (Tribal) at Churachandpur.

#### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied

Number of cases found effective in

54  
50

Assigned drugs found useful with their potency

Sl. No. Name of the medicine

No. of cases prescribed

No. of cases found effective in

1. Ustilago 30  
2. Hydrastis 30  
3. Thalaspia bursa 30,200  
4. Hydrocotyle 30  
5. Fagopyrum 30

17  
15  
8  
6  
4

17  
15  
8  
6  
4

Besides these Acid fluoric 30,200 (2) cases, Alumina 30 in (1) case and Kreosote 30,200 (1) case were also prescribed.

#### SYMPTOMATOLOGY OF THE DRUGS FOUND MOST EFFECTIVE

1. Ustilago

Profuse leucorrhoea, menorrhagia, burning in ovarian region. Ulceration of cervix, purulent exudation, smearing the surface.

2. Hydrastis

Leucorrhoeal discharge of yellowish colour agg. after the menses. The discharge is stringy in character. Pruritus vulva. Complaints associated with liver trouble.

3. Thalaspia bursa

Profuse dark clotted leucorrhoeal discharge; < profuse and after menses. Backache; < motion, > rest. Pain in ovarian region;

4. Hydrocotyle

Profuse leucorrhoeal discharge. Pruritus vulvae agg. at night. Burning in the vagina. Pain in the ovarian region. Anxious look on the face.

## 6. DIABETES MELLITUS

To clinically evaluate the action of the following drugs on Diabetes Mellitus:  
Abroma augusta, Cephalandra indica, Chimaphila umbelata, Glycerinum, Insulin, Inula, Lac defloratum, Lactic acid, Syzygium jambolanum, Thyroidinum and Uranium nitricum.

This project is being undertaken at Clinical Research Units (Tribal) at Pondicherry and Vijayawada.

### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied

Number of cases found effective in

183  
83

Assigned drugs found useful with their potency

Sl. No.	Name of the medicine	No. of cases prescribed	No. of cases found effective in
1.	Syzygium jambolanum 30	43	24
2.	Cephalandra indica 30	43	15
3.	Uranium nitricum Q	23	14
4.	Lactic acid 30	19	11
5.	Abroma augusta 30	12	7
6.	Insulin 3x,30,200,1M	11	7
7.	Glycerine 30	7	4
8.	Lac defloratum 30	7	1

Besides these Chimaphila 30 in (11) cases and Thyroidinum 30 in (7) cases were also prescribed, but no response was observed.

### SYMPTOMATOLOGY OF THE DRUGS FOUND MOST EFFECTIVE

1. Syzygium jambolanum

Polyuria, polydipsia, polyphagia, blood sugar high. Urine sugar high. Weakness. Excessive thirst. Diabetic pruritis and ulcers. Emaciation.

2. Cephalandra indica

An effective remedy for Diabetes Mellitus with Hypertension. Dryness of mouth, excessive thirst, frequent urination, profuse perspiration with weakness & giddiness. Tingling & numbness of palms & soles, controls hypertension in diabetes.

3. Uranium nitricum

Diabetes with nephritis. Hypertension with diabetes. Debility and wasting of muscles. Renal glycosuria. Severe body pains. Frequent urination with emaciation and excessive thirst. Swelling of lower limbs. Obesity, polyuria and loss of sexual power.

4. Abroma augusta

Excessive appetite, excessive thirst & excessive urination. Dryness of mouth with thirst and frequent urination. Severe weakness, nervous debility. Impotency due to diabetes mellitus.

## 7. DYSENTERY

To clinically evaluate the action of the following drugs in Dysentery:

Alstonia constricta, Ambrosia, Asclepias tuberosa, Atista indica, Cynodon dactylon, Emetine, Ficus indica, Helleborus, Holarrhena antidysenterica (Kurchi), Leptandra, Raphanus, Silphium, Trombidium, Xanthoxylum, Zincum sulphuricum.

This project is being undertaken at Clinical Research Units (Tribal) at Aizawl, Bharuch, Leh, Shillong and Vijayawada.

### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied

Number of cases found effective in

347  
264

Assigned drugs found useful with their potency

Sl. No.	Name of the medicine	No. of cases prescribed	No. of cases found effective in
1.	Atista indica Q,30,200	105	85
2.	Alstonia constricta 6,30,200	76	54
3.	Trombidium 6,30,200,1M	48	38
4.	Cynodon dactylon 30,200	35	27
5.	Holarrhena antidysenterica (Kurchi)30	26	21
6.	Emetine 6,30	16	11
7.	Leptandra 30	15	12
8.	Ficus indica 30	12	8
9.	Ambrosia 30	7	5
10.	Silphium 30,200	5	2
11.	Asclepias tuberosa 30	2	1

## SYMPTOMATOLOGY OF THE DRUGS FOUND MOST EFFECTIVE

### 1. Atista indica

Stool yellowish, loose with mucus & blood, 5-6 times in a day with colicky pain around the navel, continued before and after stool. Pain abdomen followed by stool, pain continues after stool. Griping and colicky pain. Stools worse in morning, after eating. Flatulence worse at night. Relief by eructation. Burning in abdomen. Nausea. Anorexia. Thirsty. Weakness. Worse by fatty, fried food, constipation alternate with dysentery.

### 2. Alstonia constricta

Stool with mucus 4-5 times in a day, worse after eating, loss of appetite, bitter taste in the mouth. Pain in abdomen followed by stool, better after stool. Undigested food particles in stool. Gas formation worse at night, empty stomach, and in evening. Dysentery with fever, with malaria.

### 3. Trombidium

Brown, thin bloody stool, much pain before & after stool worse by eating or drinking. Pain in abdomen followed by stool, stool 4-5 times-yellowish, loose with mucus, goes & comes back again. Gas formation in abdomen < in evening, empty stomach, relief by passing flatus.

### 4. Cynodon dactylon

Stool loose mixed with mucus 2-3 times in a day. Pain in abdomen before stool. Loss of appetite. Thirst for large quantity of water with dryness of mouth. Pain below the umbilicus before stool. Bleeding from rectum with constipation. Flatulence with distension of abdomen, > by passing flatus.

## 8. FILARIA

To clinically evaluate the action of the following drugs on Filaria:

Apis mellifica, Belladonna, Bryonia alba, Lycopodium, Mercurius solubilis, Microfilaria, Natrum muriaticum, Rhododendron, Rhus toxicodendron, Coded drug.

This project is being undertaken at Clinical Research Unit (Tribal), Ranchi.

### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied

Number of cases found effective in

Assigned drugs found useful with their potency

Sl. No.	Name of the medicine	No. of cases prescribed	No. of cases found effective in
1.	Apis mellifica 30,200	50	13
2.	Bryonia alba 30	39	11
3.	Rhododendron 30	18	4
4.	Belladonna 30	16	3
5.	Natrum muriaticum 30	16	2

6.	Coded drug 30	14	2
7.	Rhus toxicodendron 30	12	2
8.	Arsenicum album 30,200	1	1

## SYMPTOMATOLOGY OF THE DRUGS FOUND MOST EFFETIVE

### 1. Apis mellifica

Bitting swelling of right fore arm and right hand. Swelling worse exertion, manual work, evening, before full moon and new moon, better rest, morning. Pain stinging worse manual work before full moon and new moon, better rest. Acute attack with bodyache, chill & fever, redness of parts, swelling, heat, vomiting of food & drinks. Thirstlessness. Burning pain worse touch, heat, exertion & better cold application and rest.

### 2. Bryonia alba

Filarial swelling and pain, worse by motion, better morning and rest. Pain better by application of heat.

### 3. Rhododendron

Affection of male genitalia, enlargement of testes < day, in walking, better - after bathing. Pain - pricking in testes < standing, long continued, < touch, < sitting, < reading Namaz. Better - lying, standing. Complaints associated with feverishness, sensation of heaviness.

### 4. Belladonna

Acute inflammatory compalints with swelling, pain, heat of parts, redness of parts & itching of parts, lymphadenitis. Swelling of scrotum, penis with thick skin, pain throbbing, worse movement & better by rest. Complaints associated with chill, fever, lymphadenitis, headache, bodyache, fiery redness of parts itching of parts, oozing of water after rubbing, scaling when swelling subsides. Complaints better by heat, chilly patient.

## 9. GASTROENTERITIS

To clinically evaluate the action of the following drugs on Gastroenteritis:

Cynodon dactylon, Gambogia, Jalapa, Jatropha, Podophyllum.

This project is being undertaken at Clinical Research Unit (Tribal), Idukki

### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied

Number of cases found effective in

Assigned drugs found useful with their potency

Sl. No.	Name of the medicine	No. of cases prescribed	No. of cases found effective in
1.	Gambogia Q	9	4

## SYMPTOMATOLOGY OF THE DRUG FOUND MOST EFFECTIVE

### 1. Gambogia

Rumbling & rolling in bowels, vomiting, purging & fainting. Diarrhoea movements sudden, expelled with a gush followed by great relief, stools thin, yellow, mostly watery, worse in evening. The anus burns & protrudes. Griping around the navel, better after passing stool.

## 10. HELMINTHIASIS

To clinically evaluate the action of the following drugs on Helminthiasis:

Chelone, Embelia ribes, Filix mas, Granatum, Koussou, Santoninum, Scirrhinum, Sinapis alba, Thymol, Vernonia anthelmintica.

This project is being undertaken at Clinical Research Units (Tribal) at Salem, Bharmour, Diphu, Dimapur, Itanagar, Jeypore, Churachandpur and Gangtok.

### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied

Number of cases found effective in

Assigned drugs found useful with their potency	550
	506

Sl. No.	Name of the medicine	No. of cases prescribed	No. of cases found effective in
1.	Santoninum 3x,6x,3,6,30,200	182	175
2.	Chelone Q, 3x,6x,3,6,30	82	74
3.	Filix mas Q,3x,200	92	81
4.	Embelia ribes Q,3x,30	82	73
5.	Granatum Q,3x,30	42	37
6.	Sinapis alba Q,3x,30	33	32
7.	Thymol 3,6,30,200	20	18
8.	Vernonia anthelmintica Q,3x	16	15
9.	Cina 30	1	1

## SYMPTOMATOLOGY OF THE DRUGS FOUND MOST EFFECTIVE

### 1. Santoninum

Santonine is the best remedy for ascariasis & thread worms infestation, dark rings around eyes, gastro-intestinal irritation, itching of the nose and anus, grinding of teeth, night cough of children. Nausea better after eating. Loss of appetite. Pain in umbilical region. Restless irritable wants everything but unsatisfied. Sleep disturbed. Urine yellow with bed wetting, Dimness of eyesight at night. Craving for sweets and fatty things in children. Sour eructations sometimes with vomiting.

### 2. Chelone

Appetite is poor, indigestion with gas formation, soreness in the left lobe of liver, useful in thread and round worms. Pain in right side of the abdomen below the ribs radiating downwards. Enlargement of liver with paleness of the face and eyes; distension of abdomen. Restless sleep. Sweating of head. Desire for eggs.

### 3. Filix mas

Remedy for tape worm infection. Bowels are usually constipated. Abdomen is bloated. Griping and gnawing type of pain worse by eating sweets. Itching of the nose. Pale face, blue rings around the eyes. Vomiting. Sweating mostly on head. Pain umbilical region. Salivation at night.

### 4. Embelia ribes

Bloating of abdomen. Loose motions. Feels hungry soon after a meal. Peri-anal itching. Undigested stools with worms. Grinding of teeth. Itching sensation in nose and anus. Indigestion. Frightful dreams. Humoured. Dyspepsia and flatulence due to worms. Undigested stools. Appetite good. Pain in umbilical region. General weakness. Emaciation with distension of abdomen. Boring of nose and white spots on face. Desire for sweets.

## 11. MALARIA

To clinically evaluate the action of the following drugs on Malaria:

Alstonia constricta, Amooora rohitaka, Aranea diadema, Chininum sulphuricum, Chirata, Luffa bindal, Malaria officinalis, Ostrya virginica, Trichosanthes dioica, Vitex negundo.

This project is being undertaken at Clinical Research Units (Tribal) at Aizawl, Diphu and Gonda.

### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied

Number of cases found effective in

Assigned drugs found useful with their potency

	90
	84

Sl. No.	Name of the medicine	No. of cases prescribed	No. of cases found effective in
1.	Chininum arsenicosum 30,200	21	21
2.	Chininum sulphuricum 1x,30	20	20
3.	Chirata Q,6,30,200	14	14
4.	Amooora rohitaka 30	6	6
5.	Aranea diadema 30,200	6	6
6.	Malaria officinalis 30,200	1	1

Besides these Arsenicum album 6,30,200 in (20:19) cases and Rhus toxicodendron 30,200 in (2:2) cases were also found effective.

## SYMPTOMATOLOGY OF THE DRUGS FOUND MOST EFFECTIVE

### 1. Chininum arsenicosum

High temperature with great prostration, fever with chill rigor, fever with shivering, headache and bodyache. Chill begins in afternoon, thirst during chill and heat stage, stool loose mixed with mucus.

2. Chininum sulphuricum

High temperature with severe chill & shivering. Temperature subsides after profuse sweating. Severe headache & bodyache, pain in forehead & temple. Cough & cold with redness of eyes, acute coryza. Tongue coated yellow, dry at the centre, offensive breath, bitter taste.

2. Chirata

High temperature with chill & rigor. Thirst for large quantity of water. Fever subsides after sweating. Severe headache & bodyache nausea & vomiting, bitterness of mouth & vomiting, liver & spleen enlarged. Constipation & diarrhoea, profound weakness after fever.

4. Amoorah rohitaka

High temperature with severe frontal headache. Fever with chill & rigor. Nausea & vomiting. Abdomen distended with flatulence, loose motions. Thirst for cold water. Enlargement of liver & spleen, tenderness in right hypochondrium. Weakness.

12. OSTEOARTHRITIS

To clinically evaluate the action of the following drugs on Osteoarthritis:

Actea spicata, Angustura vera, Caulophyllum, Formica rufa, Formic acid, Lithium carbonicum, Magnolia grandiflora, Radium bromatum, Stellaria media.

This project is being undertaken at Clinical Research Units (Tribal) at Pondicherry and Vijayawada.

ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied

Number of cases found effective in

Assigned drugs found useful with their potency

: 218  
: 126

Sl. No.	Name of the medicine	No. of cases prescribed	No. of cases found effective in
1.	Radium bromatum 30		
2.	Caulophyllum 30	46	
3.	Angustura vera 30	37	
4.	Actea spicata 30	29	31
5.	Formica rufa 30	26	17
6.	Formic acid 30	23	14
7.	Stellaria media 30	20	13
8.	Magnolia 30	20	15
9.	Lithium carbonicum 30,200	11	14
		6	14
			6
			2

SYMPTOMATOLOGY OF THE MOST EFFECTIVE DRUG FOUND

1. Radium bromatum

Pricking, aching type of pain in both knee joints, elbows, wrist < first movement, getting up, night, > constant walking, daytime. Patient is > open air, continued motion, hot bath, lying down, pressure. Backache < sitting, rest, night, > walking pressure.

2. Caulophyllum

Stiffness of small joints & severe drawing pain. Pain in small joints agg. at night. Pains shifting from side to side. Backache. Pain in tendons.

3. Angustura vera

Pain in limbs on walking, caries of long bones. Pain in knees, cracking in joints. Craving for coffee. Oversensitive. Pain in the nape of neck & between the shoulder worse by pressure.

4. Actea spicata

Small joints pain & swelling worse by motion. Joints of hands with swelling, agg. by cold application, swelling of the joints without fever. Polyarthritis. Pain in inter-phalangeal & phalangeal joints of hands with swelling agg. by cold application, night and movement. Pain and swelling of the joints without fever.

13. PEPTIC ULCER

To clinically evaluate the action of the following drugs on Peptic Ulcer:

Acetic acid, Atropine, Condurango, Corticotropine, Euphorbium, Hydrocyanic acid, Symphytum, Uranium nitricum.

This project is being undertaken at Clinical Research Unit (Tribal), Pondicherry.

ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied

Number of cases found effective in

: 75  
: 22

Assigned drugs found useful with their potency

Sl. No.	Name of the medicine	No. of cases prescribed	No. of cases found effective in
1.			4
2.	Hydrocyanic acid Q,6x,30,200	14	3
3.	Atropine 30,200,1M	14	3
4.	Condurango 6x,30,200	13	2
5.	Symphytum 30,200	11	4
6.	Uranium nitricum 6x,30,200,1M	10	4
7.	Acetic acid 30,200,1M	7	2
	Euphorbium 30,200,1M	6	

SYMPTOMATOLOGY OF THE DRUGS FOUND MOST EFFECTIVE

1. Hydrocyanic acid

Pain burning at epigastric region. Pain < one hour after eating. Pain at mid night. Water brash while stomach is empty. Inflammation of the intestinal mucosa, tongue coated. Great sinking sensation and pain with water brash when stomach is empty.

2. Atropine

Acute peritonitis with rebound tenderness of the abdomen. Peritonitis with vomiting. Pain at umbilical region. Pain abdomen with redness of mouth & neuralgic pains with fever. For duodenal ulcer with pain radiating to all parts of stomach.

3. Condurango

Pain in the right hypochondrium region, constant burning pain, with loss of appetite, chronic oesophagitis with stiff pain at the sternal region. Pain abdomen burning in nature with bleeding from rectum. Nausea with pain in the right hypochondrium region & left hypochondrium region. Pain abdomen with loss of appetite.

4. Symphytum

Pain around the epigastric region. Pain from the right hypochondriac region to left hypochondriac region. Pain at intercostal muscles and ribs, with gastritis and stretching pain at the umbilical region. Pain at the hypogastric region while walking and after eating, bilious vomiting and peritonitis.

#### 14. ARTHRITIS

To clinically evaluate the action of the following drugs on arthritis:

Actea spicata, Angustura vera, Caulophyllum, Formica rufa, Formic acid, Lithium carbonicum, Magnolia grandiflora, Radium bromatum, Stellaria media.

This project is being undertaken at Clinical Research Units (Tribal) at Bharmour, Bharuch, Dandeli, Siliguri and Jagdalpur.

#### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied

Number of cases found effective in

491  
370

Assigned drugs found useful with their potency

Sl. No.	Name of the medicine	No. of cases prescribed	No. of cases found effective in
1.	Actea spicata Q,6,30	105	79
2.	Radium bromatum 6,30,200	98	78
3.	Caulophyllum 6,30,200	89	69
4.	Formica rufa Q,6	58	46
5.	Angustura vera Q,6,30	52	33
6.	Stellaria media Q,6,30	35	25
7.	Formic acid 6,30	20	17
8.	Magnolia 30	19	12
9.	Lithium carbonicum Q,6,30	15	11

#### SYMPTOMATOLOGY OF THE DRUGS FOUND MOST EFFECTIVE

1. Actea spicata

Painful swelling of the wrist & fingers, worse by motion, better rest. Pain in knee, swelling from slight fatigue worse by motion, better by rest. Lameness of right arm & right wrist. Rheumatic pain in small joints - wrist, fingers, ankles, toes etc. Swelling of joints worse by motion.

2. Radium bromatum

Pain in both knee and ankle joints with swelling, weakness, pain worse during night and better by gentle massage. Tenderness of ankles and knee joints of both sides. Anaemia, > by continued motion daytime, < rest damp weather first movement morning stiffness night.

3. Caulophyllum

Stiffness of small joints, pain small joints < night. Pain shifting from side to side every few minutes, > rest, pressure, niight, < by movement daytime.

4. Formica rufa

Stiffness and weakness of lower extremities, > by rubbing. Pain in hip joints stiff and contracted < by motion, > by pressure.

#### 15. RHEUMATOID ARTHRITIS

To clinically evaluate the action of the following drugs on Rheumatoid Arthritis:

Actea spicata, Angustura vera, Caulophyllum, Formica rufa, Formic acid, Lithium carbonicum, Magnolia grandiflora, Radium bromatum, Stellaria media.

This project is being undertaken at Clinical Research Units (Tribal) at Agartala, Leh and Idukki.

#### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied

Number of cases found effective in

113  
84

Assigned drugs found useful with their potency

Sl. No.	Name of the medicine	No. of cases prescribed	No. of cases found effective in
1.	Lithium carbonicum 30	28	23
2.	Radium bromatum 30	19	10
3.	Formica rufa 30	18	15
4.	Actea spicata 30	15	10
5.	Magnolia 30,200	14	14
6.	Caulophyllum 30	14	9
7.	Angustura vera Q,30	4	2
8.	Formic acid 30	1	1

## SYMPTOMATOLOGY OF THE DRUGS FOUND MOST EFFECTIVE

### 1. Lithium carbonicum

Rheumatic pain in shoulder. Pain in knee especially when going upstairs. Pain in ankles, metatarsals & joints < by motion > by warmth. Swelling of joints. Headache > by eating, stiffness all over the body. Nodular swelling of the joints.

### 2. Radium bromatum

Severe pain in all the limbs and joints especially in knees and ankles. Sharp pain in shoulder, arms, hands and fingers. Soreness of muscles of hips & legs. Aching pain worse at night getting up; better in open air, continued motion, hot bath, lying down, pressure.

### 3. Formica rufa

Gout, articular rheumatism. Pain worse on motion, better by pressure. Chronic gout & stiffness of joints. Complaints from overlifting. Joints stiff & contracted. Muscles feel strained and torned. Weakness of lower limbs. Rheumatism with suddenness and restlessness. Sitting does not relieve. Relief after midnight, by rubbing.

### 4. Magnolia

Stiffness & sharp erratic pains in the extremities < in joints. Rheumatism & Cardiac lesion are prominent features in this Pain around heart with itching in feet, < damp air, lying on left side, in the morning on first rising > in dry weather, motion, during intermenstrual flow.

## 16. RHINITIS

To clinically evaluate the action of the following drugs on Rhinitis:

Anemopsis californica, Anthemis nobilis, Aurum muriaticum, Justicia adhatoda, Lemna minor, Menthol, Quillaya, Sanguinaria nitrica, Saponaria, Sinapis nigra, Theridion.

This project is being undertaken at Clinical Research Units (Tribal) at Shillong, Jagdalpur and Bharuch.

## ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied

Number of cases found effective in

302

218

### Assigned drugs found useful with their potency

Sl. No.	Name of the medicine	No. of cases prescribed	No. of cases found effective in
1.	Justicia adhatoda 3x,30	103	77
2.	Lemna minor 3x,30	62	56
3.	Sanguinaria nitrica 30	46	24
4.	Saponaria 30	21	15
5.	Quillaya 30	18	14
6.	Anthemis nobilis 30	16	8
7.	Sinapis nigra 30	15	10
8.	Menthol 30	11	8

### 9. Aurum muriaticum 30

8

5

### 10. Anemopsis californica

2

1

## SYMPTOMATOLOGY OF THE DRUGS FOUND MOST EFFECTIVE

### 1. Justicia adhatoda

Running nose with cough. Discharge thin watery, thick white, whole day, worse in morning, in evening, at night, by cold. Cough dry, whole day. Worse at night, by cold, relief by drinking warm water. Sneezing worse in cold. Pain in nose, nose block worse at night, sensation as if something lodged in throat. Heaviness of head and in chest. Bodyache relief by massage. Malaise fever.

### 2. Lemna minor

Running nose, thin, watery white, whole day worse in morning, evening, night, cold, damp weather, rainy weather; sneezing worse in morning, in evening, cold rainy weather. Nose block worse at night, in rainy weather, in morning in cold, in room, in evening, relief in open air. Dry cough, worse at night. Dryness feeling of throat. Watery discharge from the eyes and scratching sensation in eyes. Bodyache, wants to lie down, relief by massage. Fever, thirsty feeling, susceptible to cold.

### 3. Sanguinaria nitrica

Frequent sneezing with running nose. Rawness and soreness in posterior nares, short hacking cough with thick yellow expectoration. Nose feels obstructed, profuse watery discharge with burning pain. Crusts which bleed when removed, nostrils plugged with thick yellow bloody mucus.

### 4. Saponaria

Thin watery discharge from the nose with sore throat. Stopped up feeling in nose. Itching in nose and sneezing.

## 17. SINUSITIS

To clinically evaluate the action of the following drugs on Sinusitis:

Anemopsis californica, Anthemis nobilis, Aurum muriaticum, Justicia adhatoda, Lemna minor, Menthol, Quillaya, Sanguinaria nitrica, Saponaria, Sinapis nigra, Theridion.

This project is being undertaken at Clinical Research Units (Tribal) at Salem, Gangtok and Vijayawada.

## ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied

123

Number of cases found effective in

92

### Assigned drugs found useful with their potency

Sl. No.	Name of the medicine	No. of cases prescribed	No. of cases found effective in
1.	Lemna minor 30,200	40	29
2.	Justicia adhatoda 200	40	25
3.	Sanguinaria nitricum 30,200	16	15

4.	Sinapis nigra 30,200	11	11
5.	Anthemis nobilis 30	6	5
6.	Quillaya 30,200	4	3
7.	Aurum muriaticum 30	4	2
8.	Saponaria 30	1	1
9.	Ammoniacum deronia 30,200	1	1

### SYMPTOMATOLOGY OF THE DRUGS FOUND MOST EFFECTIVE

#### 1. Lemna minor

Nasal catarrh. Nasal obstruction causes dyspnoea, worse in wet weather. Putrid smell. Dryness of nasopharynx and nose after heavy rains. Swollen turbinates. Post nasal dripping. Post nasal ulceration. Dry feeling in throat. Complaints worse during damp cold weather, mucopurulent discharge. Pain from nostrils to ear, loss of smell. All complaints are worse in wet weather especially heavy rains.

#### 2. Justicia adhatoda

Coryza with cough, dry cough hoarseness of voice. Thin watery discharge from both nostrils worse towards evening and in closed room. Tightness across the chest. Frontal dull headache. Feels heaviness of head. Loss of smell & taste.

#### 3. Sanguinaria nitricum

Nose feels obstructed, profuse watery discharge with burning pain. Crusts which bleed when removed, nostrils plugged with thick yellow bloody mucus. Frequent sneezings with running nose. Rawness & soreness in posterior nares, short hacking cough with thick yellow expectoration, sweet mucus, pressure behind the sternum.

#### 4. Sinapis nigra

Sinusitis with pharyngitis with feverish feeling. Nose dry with thick lumpy secretion. Swelling of nose with thin acrid discharge and dyspnoea. Complaints worse at night, lying down. Sinuses tender. Mucus from posterior nares, feels cold. Stoppage of left nostril all day. Nostrils alternately stopped.

### 18. TONSILLITIS

To clinically evaluate the action of the following drugs on Tonsillitis:

Ailanthus, Amygdalus amara, Apis mellifica, Cantharis, Echinacea, Guaiacum, Gymnocladus, Streptococcin, Tuberculinum.

This project is being undertaken at Clinical Research Units (Tribal) at Aizawl, Idukki and Shillong.

### ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied	:	163
Number of cases found effective in	:	131

### Assigned drugs found useful with their potency

Sl. No.	Name of the medicine	No. of cases prescribed	No. of cases found effective in
1.	Tuberculinum 200,1M	49	47
2.	Ailanthus 30	39	26
3.	Streptococcin 30	34	20
4.	Guaiacum 3x,6,30	7	6
5.	Amygdalus amara 30,200	5	5
6.	Apis mellifica 30	2	2
7.	Gymnocladus 30,200	1	1

Besides these Baryta carbonicum 30, 200 in (10 : 9) cases, Baryta iodatum 30,200 in (3 : 3) cases, Calcarea carbonicum 30,300 in (6 : 5) cases and Mercurius solubilis 30, 200 in (7 : 7) cases were also found effective.

### SYMPTOMATOLOGY OF THE DRUGS FOUND MOST EFFECTIVE

#### 1. Tuberculinum

Cold is taken from slightest exposure, enlarged tonsils, hard dry cough during sleep. Pain in throat with fever worse during swallowing. Cold, night, cold air, curd, eating sour food, cold drinks, better by hot application gargling, hot drinks, covering the throat. Foreign body sensation in throat wants to expel it. Irritation in throat. Pain referred to ears. Both tonsils enlarged. Cough with pain in throat. Whitish expectoration. Chest pain. Cough pain. Cough whole day, cold, headache, especially left side worse at night, better by pressure, massage. Running nose, constant discharge, white colour, thick worse in morning. Fat, glabby, sweats easily, susceptible to cold.

#### 2. Ailanthus

Streptococcus infection. Inflamed, oedematous, dusky red, much swelling internal & external. Pain on swallowing extends to ear.

#### 3. Streptococcin

Pain in throat, worse during night, swelling relief by warm water gargling. Both the tonsils are enlarged & red, septic focus on tonsils. Tonsils with fever and pain in throat. Pain in throat worse during swallowing, better by gargling with hot water. Left side tonsil swollen, red, septic focus on right tonsil.

### 19. LEUCODERMA

To clinically evaluate the action of the following drugs on Leucoderma:

Arsenic sulph flavum, Calcarea phos., Lycopodium, Natrum mur., Natrum mur. + Hydrastis Q, Sulphur.

This project has been undertaken at Clinical Research Unit, Salem from December, 1993.

## ACHIEVEMENTS DURING THE YEAR 1995-96

Number of cases studied	51
Number of cases found effective in	8

### Assigned drugs found useful with their potency

Sl. No.	Name of the medicine	No. of cases prescribed	No. of cases found effective in
1.	Arsenic sulph flavum, 30, 200	46	8
2.	Sulphur 30	2	-

Besides these Arsenic album 30 in 1 case and Causticum 30 in 2 cases were also prescribed.

### Symptomatology

1. Arsenic sulph flavum

White depigmented (milky white) patches. No burning, no itching sensation and hair growth over the patches is normal.

### FUTURE PROGRAMME

The various drug-related clinical research projects in the tribal units to continue.

## 4. CLINICAL VERIFICATION RESEARCH

In homoeopathy clinical verification of drug pathogenesis is as important as original proving of drugs because the signs and symptoms obtained during a proving need to be repeatedly confirmed through clinical verification. This becomes even more important in case of drugs which are either new entrants into homoeopathic literature or not extensively proved & therefore their complete drug pictures are not known.

Clinical Verification not only provides help in confirmation of available pathogenesis but also helps in providing additional data in the form of other clinical symptoms/signs found relieved during verification trials, thus making it a complete drug for clinical use.

In view of the importance of clinical verification programme, the Council, has since its inception undertaken it as a long term project and three units have been established at Ghaziabad (U.P.) (1979), Vrindavan (U.P.) (1984) and Patna (Bihar) (1985) dealing exclusively with clinical verification research. Apart from these units this programme has been assigned to Homoeopathic Drug Research Institute, Lucknow, Regional Research Institute, New Delhi (through mobile outdoor medical care programme), Clinical Research Unit, Jammu w.e.f. October, 1993 and Homoeopathic Research Institute, Jaipur Ext. OPD at Khora Ladkhani.

The Council has undertaken verification of symptomatology of sixty four drugs. This includes 23 drugs proved by the Council.

### 4.1. WORK DONE DURING THE YEAR 1995-96

During the period under report, Clinical Verification work with regard to the sixty four assigned drugs was continued. A compilation of the symptoms relieved (region wise) under each drug has been prepared and mentioned serially. The source (see References) of the symptoms is also indicated.

The additional symptoms/additional information with regard to available pathogenesis which have been found relieved during the course of treatment are also mentioned within brackets under the drug.

### REFERENCES

1. Clarke's Materia Medica
2. Hering's Guiding Symptoms
3. Allen's Encyclopaedia
4. Boericke's Materia Medica
5. Provings by Dr. Jugal Kishore
6. Provings by Dr. D.N. Ray
7. Drugs of Hindoosthan by Dr. S.C. Ghose
8. Provings by C.C.R.H.
9. Quarterly Bulletin Vol.9(1&2) 1987.
10. Quarterly Bulletin Vol.13(3&4) 1991.

### 4.2. CLINICAL VERIFICATION DRUGS

1. Abroma augusta folia\*
2. Acalypha indica
3. Achyranthes aspera
4. Aegle folia\*
5. Aegle marmelos\*
6. Alstonia constricta
7. Amoorah rohitaka or Andersonia
8. Anthrakokali
9. Aranea diadema\*
10. Arsenicum sulph flavum

\* Drugs proved by the Council.

11. Bacillinum
12. Baryta iodata\*
13. Baryta muriaticum
14. Benzoicum acidum
15. Berberis vulgaris
16. Blatta orientalis
17. Boerhaavia diffusa\*
18. Cassia sophora\*
19. Cynodon dactylon\*
20. Caesalpenia bonducella
21. Calotropis gigantea
22. Cannabis indica
23. Cannabis sativa
24. Carica papaya
25. Cephalandra indica
26. Cuprum aceticum
27. Damiana
28. Embelia ribes
29. Ephedra vulgaris
30. Fagopyrum esculentum
31. Ferrum picricum
32. Gallicum acidum
33. Gymnema sylvestre
34. Glycosmis pentaphylla\*
35. Hecla lava
36. Hydrocotyle asiatica\*
37. Hygrophila spinosa
38. Iris tenax
39. Jaborandi
40. Jacaranda caroba
41. Jalapa
42. Juglans regia
43. Justicia adhatoda
44. Kali muriaticum\*
45. Lac caninum
46. Mentha piperata
47. Mygale\*
48. Natrum iodatum
49. Nyctanthes arbortristis
50. Saraca indica
51. Sarsaparilla
52. Syzygium jambolanum
53. Terminalia arjuna\*
54. Terminalia chebula\*
55. Tarentula cubensis\*
56. Tarentula hispanica\*
57. Viscum album
58. Cassia fistula\*
59. Aranea scinencia\*
60. Thea chinensis\*
61. Tela aranea\*
62. Azadirachta indica\*
63. Tylophora indica\*
64. Holarrhena antidysenterica\*

NAME OF DRUG: ABROMA AUGUSTA

POTENCIES: Q,6,30,200

Location	Symptom	Source	Duration of complaint	No. of pts prescribed	No. of pts. relieved	Duration of treatment
1.	2.	3.	4.	5.	6.	7.
Head	Vertigo (with vomiting) < change of posture < standing	8	2d-3y	47	26	3-30d
		8	3d-2y	9	5	3-30d
	Headache dull aching >pressure > open air	8	3d-1y	27	18	3-13d
		8	1m-1y	13	8	3d-1w
Ear	Bursting headache <under sun	8	1-6m	8	4	2w-1m
		8	7d-6y	114	62	2-15d
Mouth	Dryness of mouth with profuse thirst	8	2-8d	41	32	2-5d
		8	2-10d	25	19	2-8d
Nose	Sneezing frequent with nasal discharge	8	3d-1y	30	16	3-30d
		8	2-10d	25	19	2-8d
Stomach	Thin watery discharge	8	3d-1y	51	21	5-24d
		8	2d-2y	41	21	2-18d
Abdomen	Loss of appetite	4,9	4d-20y			
Rectum	Flatulence (with heaviness in abdomen < after eating) < morning	7,9	3d-15y	143	80	2-20d
		8	8d-4y	11	10	7-20d
	Constipation Stool hard & knotty passes with straining					

d = Days, w = Weeks, m = Months, y = Years

Female Genitalia	Leucorrhoea-thin, watery discharge -thick, whitish	8	3m-5y	76	37	5-30d
	Irregular scanty menses painful	8	5m-5y	29	26	8-17d
	Menses-delayed painful & scanty	8	13d-5y 7d-3y	14 7	10 7	15-45d 3-30d
	Menses profuse, dark clotted & long lasting	8	1-2yrs	8	5	10d
	Menses early, every 15 days painful	8	3m-3y	34	18	—
Urinary	Frequent, profuse urination < night	8	10d-2y	97	5	3-30d
	Burning micturition	8	1-6m	14	5	17-26d
	Frequent high colored	8	1-2m	2	1	16d
Respiratory System	Dry cough < night	8	1-21d	49	24	3-20d
	Cough with thick white expectoration < evening	8	7d-18m	15	11	4-20d
	thick yellow expectoration	-	7d-2m	9	4	4-22d
Chest	Pain chest (Pain on inspiration and coughing) < evening < open air	8	2d-2y	87	55	3-15d
	Palpitation of heart	4	5d-1y	13	7	7-20d
Back	Backache < movement > rest	8	3d-2y	48	21	3-30d
Extremities	Pain in joints < movement < rest	8	7d-15y	37	19	3-25d
	Aching pain in extremities with weakness	8	2d-2y	30	16	5-15d
	Pain in knee joints < movement (>rest)	8	5d-3y	33	18	6-20d

	Burning in palms & soles	8	2m-1y	8	5	4-28d
	Pain both lower extremities < movement > rest	8	3d-2y	38	13	4-18d
Sleep	Sleeplessness	8	25d-2y	22	13	5-18d
	Sleep disturbed	8	10d-4y	10	7	4-15d
Fever	Fever with chill & bodyache	8	2d-1y	58	33	2-20d
General	Bodyache (< night)	8	5d-5y	28	10	3-23d
	General weakness	8	12d-4y	37	17	5-21d

POTENCIES: Q, 6, 30

## NAME OF DRUG : ACALYPHA INDICA

	1.	2.	3.	4.	5.	6.	7.
Head					12	9	3-7d
Nose	Dull frontal headache < morning	-	3d-5d		6	5	2-13d
	Coryza with thin nasal discharge < in morning	7	2-15d		25	16	2-15d
	Epistaxis with bright red blood < morning (< hot weather)	7,9	2d-1y		1	1	4d
Stomach	Appetite decreased	-	4d		5	5	3-15d
Abdomen	Pain in abdomen	-	15d-6m		5	3	3-5d
Rectum	Stool-loose, watery with forcible expulsion of noisy flatus and frothy mucus.	4,9	2-3d		27	15	3-5d
	Haemorrhage rectum < morning	-	2d-6m		6	6	3-30d
			10d-1y				

Respiratory System	Cough with expectoration bloody & dark in the evening < morning	9	2-3m	10	16	3-20d
	Dry cough < violent	4	2d-1m	9	7	10-15d
Chest	Pain in chest < coughing < morning	-	15d	12	9	2d
Fever	Low grade in the morning	-	3d-5d	6	4	3d-1w
	Fever with chill < morning and night	-	3d-5d	11	8	3-7d

**NAME OF DRUG: ACHYRANTHES ASPERA**

		POTENCIES: 6,30				
1.	2.	3.	4.	5.	6.	7.
Head	Dull aching in frontal region of head < pressure	-	2-7d	9	9	3-7d
Nose	Coryza (Thin nasal discharge < morning < night)	9	2-10d	42	19	3-12d
Mouth	Aphthae small-white with red margins	10	2-8d	15	11	9d
Stomach	Nausea & vomiting	-	2-8d	7	5	2-10d
Rectum	Stool loose watery mixed with mucus	4,7	3-10d	81	62	3-7d
Skin	Boils, red, painful	7	2-15d	70	48	2-15d
	Abscess with itching	7	20d	36	26	10-15d
	with burning sensation	-	-	12	10	-
				3	3	-

	Small vesicular eruption over whole body with suppuration and tenderness, intense burning pain	10	7d	1	1	10d
Fever	Fever with bodyache < night	-	2-15d	21	11	2-12d

**NAME OF DRUG AEGLE FOLIA**

POTENCIES: 6,30,200

		POTENCIES: 6,30,200				
1.	2.	3.	4.	5.	6.	7.
Head	Frontal headache < evening	8	7-15d	21	9	3-39d
	Headache with flatulence	-	3d-5d	11	7	1-2w
	Vertigo > lying down (with heaviness in head)	8	5-30d	21	11	3-15d
Eye	Dropsy - under lid	-	5-10d	2	2	4-8d
Nose	Bland watery discharge from nose sneezing	-	1-3d	11	8	1-3d
Stomach	Indigestion (with sour eructation)	9	5d-5y	42	20	3-15d
Abdomen	Flatulence (with heaviness in abdomen > passing flatus) < after meal, morning	8	6d-30y	57	32	3-15d
	Gripping pain in abdomen > passing flatus < after meal	8	5d-5y	30	3	3-30d
Rectum	Alternate constipation & diarrhoea	7	2d-1m	5	3	2-15d

	Stool-loose-mixed with mucus & blood	9	2-30d	76	46	3-38d
	Stool-loose thin, yellowish with pain in abdomen	6	7d-5m	5	4	3-5d
	Constipation stool hard & scanty	7	1-6m	30	19	1-3w
	Piles-blind external, bleeding (painful & itching)	7	3m-1y	32	18	3d-1m
Respiratory	Difficulty in breathing < night and lying down	-	4d-1 1/2m	17	11	1-3w
Fever	Fever on change of weather < evening	7	1m-2y	3	2	7-34d

NAME OF DRUG : AEGLE MARMELOS

POTENCIES: Q, 6, 30

	1.	2.	3.	4.	5.	6.	7.
Head		Vertigo < on standing < 4-8 p.m. < rising from sitting position	8	3d-3m	15	11	3-9d
Mouth		Apthae with difficulty in eating and constipation	8	2d-1y	16	11	3-20d
Stomach		Loss of appetite	8	2d-7y	48	29	3-12d
		Indigestion with sour eructation < after eating	10	10-30d	8	5	4-8d
Abdomen		Pain in abdomen around navel region < after eating < during stool	7	2d-2y	74	45	2-16d
		Flatulence with heaviness < afternoon < aftermeal	8	4-20d	18	15	24d-1 1/2m
				1d-15y	106	48	2-54d

	Pain in abdomen - with constipation	8	3d-6m	14	10	1-10d
		-	4d-1m	7	5	4-7d
	Constipation-stool hard (unsatisfactory)	8	1d-3y	34	17	4-12d
	Stool-constipated mixed with mucus and blood	-	10d-3y	19	15	2-40d
	Stool loose watery	8	10d-6m	90	59	3-15d
	Bleeding piles painful swollen (with itching in anus)	8	2d-6y	8	7	-
		-	7d-7y	16	11	2-30d
	Nocturnal emission	4	15-30d	31	24	3-20d
Genitalia Male	Difficulty in breathing (agg. in evening)	8	3d-6m	2	2	6d
Respiratory System	Bronchitis	10	2d-1y	2	2	2-15d
	Pain in calf muscles (cramps)	-	1m-3y	12	9	2-26d
Extremities	Papular, reddish eruptions with itching < undressing	8	3d-5y	6	5	5-24d
Skin		8		12	8	2-46d

NAME OF DRUG : ALSTONIA CONSTRICTA

POTENCIES: 6, 30

	1.	2.	3.	4.	5.	6.	7.
Stomach		Nausea worse in the morning	10	4d	27	15	8d
Rectum		Stool-loose-thin yellowish, mixed with mucus and worse at night	9	1-6d	6	3	2-5d
Fever		Intermittent with chill < night followed by sweating with diarrhoea with white coated tongue	4,9	1-4d	26	19	2-4d
Generalities		Extreme weakness after fever	-	2-3d	17	14	3-5d

NAME OF DRUG: AMOORA ROHITUKA

POTENCIES : 6, 30

1.	2.	3.	4.	5.	6.	7.
Mind	Forgetfulness	-	1m	24	15	1-1 1/2m
Head	Pain in forehead & temples < sun rays > cold application < cold air	7	10d-6m	10	6	4-12d
Eyes	Burning sensation > cold application	-	4-7d	4	4	4-15d
Mouth	Bitter taste in the morning	-	2-10d	4	1	1w-1m
Stomach	Nausea and vomiting < after taking water	4,7	5-10d	7	5	10-20d
Abdomen	Spleen and liver enlarged Pain in abdomen	-	8d-1m	20	6	2d-25d
Rectum	Bleeding piles with bright red blood from rectum (with soreness in anus)	9	20d-4y	4	4	4-12d
	Constipation-dry hard stool	9	7d-1y	2	2	7-8d
	Stool - loose, watery, mixed with mucus	-	2d-50y	20	10	2-9d
Fever	Fever with headache and flushes of heat all over body with bitter taste with bodyache < night	4,7	5d-2y	14	10	4-10d
	Fever with chill < at night	-	2-3d	5	2	2-5d
Skin	Vesicular eruption with ten- dency to suppuration	-	3-13d	6	4	1-13d
Extremities	Burning in palms & soles	-	7d-1y	24	14	2-9d
		-	1-6d	34	19	3-13d
		-	3-13d	55	42	1-25d
		-	5-30d	8	4	5-6d
		-	15d-1y	12	8	5d

NAME OF DRUG : ANTHRAKOKALI

POTENCIES : 6,30

1.	2.	3.	4.	5.	6.	7.
Mouth	Crackes over lips with bleeding	10	7d-7m	5	3	3-18d
Skin	Small dry-reddish eruptions with itching < night	7	3d-1y	62	41	2-26d
	Itching < warmth of bed < cold application	4	15-30d	2	2	7-16d
	Papular eruption with itching < night	4	7d-6m	36	23	5d-2 1/2m
	Blackish eruptions with itching < night	9	4d-8y	26	15	3-19d
	Cracks in palms & soles < winter	1,4	1-6m 2-9m	46 41	35 30	3-15d 2d-1 1/2m
	Ringworm like eruption with itching	10	15d-1y	2	2	6-7d
	Blackish eczematous eruption with itching (burning < night)	7	1m-25y	55	41	10-25d
	Scabies(Pustular eruption with Itching and burning) < cold	4 4	4d-18m 10-20d	12 45	7 32	5-15d 5-15d
	Vesicular eruption with itching	1,9	5d-1y	2	2	6-7d
	Vesicular lesions with thick scabs	4	1m2y	29	18	4-10d

NAME OF DRUG : ARSENICUM SULPH FLAVUM

POTENCIES : 3X,6X,30,1M

1.	2.	3.	4.	5.	6.	7.
Skin	Leucoderma patch on various parts of body with itching	1,2 3,4	15d-10y	75	32	7-60d
Extre- mities	Pain knee joints < movement < rising from seat	1,4	4d-2y	8 2 1	5 2 1	3-60d

NAME OF DRUG : BACILLINUM

POTENCIES : 200, 1M

1.	2.	3.	4.	5.	6.	7.
Nose	Susceptibility to catch cold	4	7d-16y	138	99	3-53d
	Coryza with thin, watery nasal discharge (< morning)	9	3d-1m	47	29	2-20d
	Blockage of nose < night	-	7d-2y 5d-2m	6 3	6 3	3-20d 5-10d
Abdomen	Flatulence > passing flaus	9	10-30d	2	2	7-30d
Rectum	Constipation (obstinate) (stool, hard, scanty)	4	1-10y	13	11	3-27d
Respiratory System	Cough with thick whitish expectoration < morning < night with scanty whitish expectoration	4	5-60d	24	13	3-21d
	Expectoration thick, yellowish green	-	10d-1y	4	3	2-13d
	Dyspnoea < night	4	10d-8m	4	1	12d
Back	Cervical lymph glands enlarged with tenderness	4	8m-1y	13	7	2-20d
Skin	Ring worm like eruptions (with itching)	1,4	3-6m	39	18	4-12d
		4,7	4d-6y	9	4	4-30d

NAME OF DRUG : BARYTA IODATUM

POTENCIES : 3X, 6

1.	2.	3.	4.	5.	6.	7.
Throat	Tonsils-inflammation (with stiching pain < on swallowing) with difficulty in swallowing	4	5d-6m	73	101	7-30d
		-	15d-3m	28	23	7-14d

Respiratory System	Dry cough < night	10	2-8d	20	13	3-10d
Chest	Induration of glands in breast	4	10d-1y	48	33	3-15d
Neck	Inflammation of cervical lymph glands	4	10d-5y	90	67	5-18d
Fever	Fever with chill < evening and at night	10	2-10d	12	9	2-7d
General	Stunted growth	4	3-21d	7	1	20-30d

POTENCIES : 3X, 6

NAME OF DRUG : BARYTA MURIATICUM

1.	2.	3.	4.	5.	6.	7.
Head	Headache frontal & vertex	-	1w-3m	3	2	7d-2w
	Vertigo with tendency to fall	1,4	14d-2y	12	10	5-12d
Nose	Coryza with thin nasal discharge	-	4-7d	2	2	4-16d
Ear	Otorrhoea thin offensive discharge (whitish yellow in color)	4	6d-1y	12	8	4-20d
Face	Parotid glands swollen, painful pain while swallowing	4	1-4m	10	5	3d-2m
Throat	Inflammation of tonsils with on swallowing	4	2d-7y	59	40	3-20d
	Pain in throat with tickling sensation	1,4	2-10d 1-3m	18 20	12 10	3-12d 2d-1 1/2m
Respiratory System	Cough with accumulation of mucus in chest with difficulty in expectoration	1,4	6d-3m 6d-3m	12 9	7 6	4-60d 4-25d
	Cough dry < night	1,4	2d-1m	23	15	3-12d
Chest	Hypertension	4	2 1/2y	2	2	10-15d
	Palpitation	-	6m-2 1/2y	2	1	10-15d
Extremities	Pain in knee joints < first movement	-				

NAME OF DRUG: BOERHAAVIA DIFFUSA

POTENCIES : Q, 6, 30

1.	2.	3.	4.	5.	6.	7.
Head	Bursting headache > pressure	7	7-30d	27	15	4-14d
	Vertigo < morning	9	7-20d	10	7	4-15d
Extremities	Oedematous swelling of legs, knee < exertion	7	1m-1 1/2m	15	10	1-2m
Chest	Hypertension	7	15d-10y	31	18	3-15d
General	Palpitation of heart	-	3d-1y	30	20	3-14d
	Dropsical swelling all over body	7	3d-2y	22	15	3-15d
Sleep	Sleeplessness	9	2d-6m	10	7	3-15d

NAME OF DRUG : BLATTA ORIENTALIS

POTENCIES : Q, 6, 30

1.	2.	3.	4.	5.	6.	7.
Respiratory System	Dyspnoea < on exertion	9	15d-2y	87	57	3-15d
	with cough < night < winter	4	15d-2y 1y-2y	28 47	21 35	7-15d 3m
	Cough with thick white expectoration	9	15d-1y	36	22	7-15d
	yellow expectoration	-	7d-2y	32	20	6-15d
	Dry cough < morning	10	3d-2m	8	6	3-10d
	Cough with difficulty in breathing	-	4-30d	71	47	3-12d
	Cough with rattling in chest	-	2m	2	2	7-28d

NAME OF DRUG : CASSIA SOPHERA

POTENCIES : Q, 6, 30

1.	2.	3.	4.	5.	6.	7.
Mind	Restlessness with weakness	-	6d	1	1	8d
	Vertigo < on movement < on standing	8	2d-2m 1-15d	9 4	5 4	3-10d 2-30d
Head	Frontal pain < sun heat > pressure	-	15d	1	1	8d
Nose	Coryza with thick nasal discharge < night	8	3-10d	29	16	2-7d
	Coryza with thin nasal discharge and sneezing	8	2-30d	96	71	3-10d
Throat	Nasal obstruction < night	8	3d-6m	15	11	3-20d
Stomach	Pain < swallowing	8	6m-1y	21	18	1w-1m 2-4m
Abdomen	Desire for warm food	-	2-6m	53	36	2-3m
	Flatulence with heaviness of abdomen	8	2-4m	37	26	5-21d
	Pain in lumber region < pressure	-	8d-2y	46	32	3-18d
Rectum	Constipation	8	3d-1m	4	2	3-11d
Female	Leucorrhoea with thin whitish discharge	8	2-15d	99	65	2-63d
Respiratory System	Dyspnoea < exertion (after coughing)	8	2d-15y	10 25	9 15	3d-3w
	Paroxysmal cough < evening	-	3d-3m	99	58	2-10d
	Dry cough < night with irritation in throat	8,9	3-30d	87	70	3-15d
Chest	Cough with expectoration-thick, white < evening	8	4d-3m	108	94	57 2d-2m
Back	Pain in chest < inspiration < coughing	-	5d-1y	74	45	3-20d
	Pain cervical region > pressure	-	12d-2y	60	33	5-10d
	Pain back > pressure > bending	-	7d-2y 7d-1y	5	2	3-7d

Extremities	Pain legs > pressure	8	5d-3m	53	34	5-16d
	Pain in joints < movement > continuous movement < pressure	8	6d-5y	80	60	3-30d
	Pain knee joint < first movement > continuous motion > pressure	8	20d-2m 5d-1y	2 107	1 72	7d 3-30d-4m

Fever	Fever with chill & bodyache < evening and at night (with backache & diminished appetite)	8	2-30d	117	81	3-16d
Extremities	Tearing pain in calf muscles > pressure	-	5-10d	16	9	3-8d
		-	4-18d	40	32	3-26d

**NAME OF DRUG : CYNADON DACTYLON**

POTENCIES : Q, 6, 30

1.	2.	3.	4.	5.	6.	7.
Head	Frontal headache	8	6m-1y	10	7	2-5w
Nose	Epistaxis - bright red blood < in summer	7	1-4d	19	11	3d-2m
Stomach	Vomiting bilious after taking meals	10	2-10d	8	6	2-8d
	Appetite, loss of	-	5-8d	14	12	3-7d
Abdomen	Gripping pain around navel < morning, > passing stool	8	27d	5	3	3-10d
	Pain abdomen < before stool	8	1-30d	32	17	3-7d
	Gurgling in abdomen with flatulence > after stool	8	6m-2y	46	27	3d-1m
	Flatulence with heaviness of abdomen	7,8	4-7d	15	10	3-10d
Rectum	Piles-bleeding	8	3m-4y	9	7	2-5w
	Stool-loose, watery yellowish and offensive mixed with mucus	-	3d-3y	28	16	1d-2m
Female	Leucorrhoea (with profuse thin, whitish discharge) mixed with blood	8	2-8d	57	42	3-7d
	Pinkish discharge	-	4d-1m	11	7	1d-2m
	Menses (profuse dark blood)	-	6y	1	1	10d
		-	5m	1	1	40d
		-	3m-2y	29	19	15-30d

Respiratory System	Cough dry < morning	9	3-7d	5	2	3d
Fever	Fever with chill < evening	8	7d	1	1	20
General	Bleeding from cuts and wounds	4	1-4d	18	11	3-7d

**NAME OF DRUG : CAESALPENIA BONDUCELLA**

POTENCIES : Q, 6

1.	2.	3.	4.	5.	6.	7.
Fever	Fever with chill	7	1d-1m	181	111	2-10d
	with headache > pressure < morning < afternoon	-	3d-1m	70	50	4-10d
	With bodyache (with bitter taste in mouth)	-	1-4d	144	116	3-10d
	Flushed face during fever	-	2-4d	12	8	1-2d
	Extreme weakness after fever	-	3d	87	54	2-10d
	Liver enlarged & palpable	-	2-10d	12	6	2-7d
	Thirst increased with dryness of mouth	-	2-10d	15	8	3-9d
	(Loss of appetite)	7	25d	15	12	15d
	(with constipation)	-	5-7d	82	53	3-5d
	Tongue dry - white coated	7	2d-10m	17	14	2-7d
	Fever with violent headache < by pressure	-	2-10d	17	13	2-7d
	Fever with chill & violent headache < by pressure	-	3-10d	106	89	15d
	Thirst for cold water little quantity at a time	-	2-5d	14	9	2-7d
	Eruptions like mosquito bites	-	3-6d	6	4	2-7d
		-	2-10d	14	9	2-7d
		-	3d-1w	4	3	3d-1w

NAME OF DRUG : CALOTROPIS GIGANTEA

POTENCIES : 6, 30

1.	2.	3.	4.	5.	6.	7.
Head	Occipital headache (Throbbing in nature) (Bursting)	4,7	10-20d	5	4	7d
Rectum	Constipation, stool insufficient with mucus	9	3-30d	37	22	3-10d
Extremities	Pain cramping-calf muscles	9	6d-3m	28	13	2-10d
	Cracks on soles	10	6d-2y	30	13	3-30d
	Chronic rheumatic pain in joints	4	1-3m	2	1	7d
Skin	Small dry/reddish eruption with itching (Burning after scratching)	4,9	1m-1y	12	6	7-20d
	Dry blackish eruption with itching with watery fetid discharge	10	7d-1y	2	1	12d
	Ring worm like eruptions with itching	4	2-21/2y	1	1	1-1/2m

NAME OF DRUG : CANNABIS INDICA

POTENCIES : 6, 30

1.	2.	3.	4.	5.	6.	7.
Head	Headache < tobacco smoke	4	3d-1w	14	6	3d-1w
Urinary	Scanty urine with burning	-	10d	6	2	7d
Sleep	Sleeplessness	4	2m	1	1	21d
General	Trembling feeling	-	2w-2m	6	4	1w-1m

NAME OF DRUG : CANNABIS SATIVA

POTENCIES: 6, 30

1.	2.	3.	4.	5.	6.	7.
Eye	Cataract	-	2y	1	1	21d
Larynx	Speech stammering	1	6m-2y	3	1	14-30d
Urinary	Burning while urination extending to bladder	-	6m	1	1	4d
Stool	Constipation	-	6m	1	1	4d

NAME OF DRUG : CARICA PAPAYA

POTENCIES : Q, 6, 30

1.	2.	3.	4.	5.	6.	7.
Eyes	Conjunctivitis with itching lachry- mation and excoriation on lateral angle with agglutination of lids in the morning	4	3-7d 1m	6 1	4 1	3-7d 7d
Mouth	Conjunctiva yellow	4,7	3d-3m	57	38	3-21d
Stomach	Bitter taste of mouth	-	-	18	10	2-6w
	Loss of appetite	9	3d-3m	40	32	-
	Aversion to milk	4	4d-1y	24	17	3-21d
	Indigestion Vomiting after eating	-	1d-4m 2-5d	7 2	6 2	2-6d 2-4d
Abdomen	Pain right hypochondrium < after meal Liver enlarged	-	3d-3m	70	47	3-10d
	Jaundice	9	3d-3m	22	15	7d-3w
	Stool-undigested, loose	-	1m	34	22	2-3w
	Constipation	-	7d-1m	68	45	18d
Urinary	Urine-yellow dark	7	1d-1y	16	11	3-21d
Fever	Fever with chill < night	7,9	3d-1m	121	78	3-12d
		9	3d-3m	5	5	3-10d
			5d-1m			

NAME OF DRUG : CEPHALANDRA INDICA

POTENCIES : 6, 30

1.	2.	3.	4.	5.	6.	7.
Mouth	Dryness of mouth with profuse thirst	4,7,9	2-4d	13	5	23d
Urinary	Frequent-profuse urination followed by weakness	4,9	1m-4y	33	20	20-23d
General	Diabetes Mellitus (constipation)	-	1-6m	10	7	1-3w
	Burning all over body > cold application	7	18m-10y	13	6	20-23d
Abdomen	Flatulence with distension	-	4d-1y	5	5	2-27d
	Burning of palms & soles < night	-	1-12d	4	2	3-15d
Ext.	Burning of palms & soles < night	-	1-6m	7	2	1-3w

NAME OF DRUG : CUPRUM ACETICUM

POTENCIES : 3X, 6, 30

1.	2.	3.	4.	5.	6.	7.
Respiratory System	Dry-cough < morning < night with dyspnoea	9	2d-2m	46	21	3-10d
Larynx	Hoarseness of voice	-	-	-	-	-
Chest	Pain chest < coughing	9	4d	1	1	9d
Stool	Stool profuse, loose, watery frequent	4	1-2w	5	2	3d-2w
Skin	Psoriasis with itching	-	2d	1	1	1d
General	Epileptic convulsions with clenching of finger and dilated pupil	4	4m	1	1	6d
		9	45d-8y	8	5	18-47d

NAME OF DRUG : DAMIANA

POTENCIES : Q, 6, 30

1.	2.	3.	4.	5.	6.	7.
Headache	Migraine < pressure	1	10d-5y	5	5	11-47d
Genitalia Male	Seminal emission following amorous dreams	9	15d-8y	32	19	3-25d
	Sexual debility	9	1m-2y	25	14	3-35d-1y
Female	Premature ejaculation	9	20d-5y	18	9	14d-2m
	Spermatorrhoea - Chronic	-	1-4y	20	16	3m
Rectum	Impotency (Painful erection)	-	1y	12	10	7d
	Leucorrhoea-thick whitish discharge < movement	-	1y	1	1	14d
General	Weakness	1	7d	1	1	10d
	Stool dry, hard constipated	10	6m-1y	7	3	3-35d

POTENCIES : 6, 30

NAME OF DRUG : EMBELIA RIBES

1.	2.	3.	4.	5.	6.	7.
Mind	Irritability	7,9	6d-6m	13	19	3-15d
Mouth	Grinding of teeth	9	15d-1y	130	74	3-15d
	Profuse salivation	10	10d-1y	52	31	3-10d
Face	White spots on face	10	3m-1y	19	17	1-5m
	Great hunger soon after meal	-	1-6m	25	3	12-14d
Stomach	Desire for undigestible articles	10	1-6m	5	23	3-10d
	Loss of appetite	9	7d-4m	45		

Abdomen	Pain umbilical region < eating > after stool	9	15-20d	47	25	7-20d
	Pain in abdomen - griping < after meal	9	7d-3y	47	28	3-15d
	Stool-undigested	7	3d-1m	35	31	7d
	Itching-anal region < night	7	3d-1m	39	23	7-10d
Urinary	Worms pass in stool	7,9	7d-4m	12	8	3-15d
	Nocturnal enuresis	4,9	15d-6m	92	60	6-20d
	Pungent - urine	7	5m	1	1	28d

**NAME OF DRUG : EPHEDRA VULGARIS**

**POTENCY : 6**

1.	2.	3.	4.	5.	6.	7.
Head	Headache< under sun > pressure (Pain frontal region of head)	9	7d-6y	30	17	8-10d
Eyes	Pain in eyes with lachrymation < reading	10	5d-30m	8	5	3-9d
Throat	Inflammation of thyroid gland (Thyroid gland enlarged)	4	3m-2y	11	4	1w-1m
Chest	Hypothyroidism	-	3y	1	1	1m
	Palpitation of heart < after eating	10	1m-2y	19	14	3d-4m

**NAME OF DRUG : FAGOPYRUM ESCULENTUM**

**POTENCIES : 6, 30**

1.	2.	3.	4.	5.	6.	7.
Nose	Fluent coryza with thin watery discharge	1,4,9	1d-2y	43	28	3-20d
Eyes	Styes lower eyelids	4	1-6m	18	10	1-3m
Mouth	Uvula elongated	-	5-30d	5	4	3-14d

Genitalia Female	Leucorrhoea (whitish) offensive with backache	1,9	1m-3y	18	11	10-20
	< rest from	-	1m	7	5	10d
	with itching thick yellow	-	1w-3m	7	5	1-3w
	with itching thick yellow	-	1-3m	7	5	10-25d
Male	Itching vulva with redness	-	12-20d	8	6	10-25d
	Itching around genitalia < night	-	20d-2y	2	2	10-12d
		-	2y	6	4	10d
Skin	Vesicular eruptions with itching	4	4d-2y	6	4	2-7d
	Pastular eruptions with violent itching	4	7-30d	19	12	5-31d
	Boils (< in summer) with itching (Blind) red, painful	4	7-30d	28	20	5-31d

**POTENCIES : 6, 30**

**NAME OF DRUG : FERRUM PICRICUM**

1.	2.	3.	4.	5.	6.	7.
Ear	Tinnitus Hardness of hearing	4	6m-2y 1m-2y	2	1	4-30d
		-		6	3	4-30d
Urinary	Frequent urination Prostatic hypertrophy	4	1m-4y 6m-4y	17	11	3-35d
		-		3	1	7-21d
	Retention of urine	-		15	9	3-25d
Skin	Corn-painful with yellowish discoloration (< walking)	4	1m-7y	7	4	3-30d
	Warts with itching conical in shape	1	1m-4y 1m-4y	4	2	10-15d
General	Weakness following loss of blood following menses	-	1-4m	5	3	10-30d
		-	1-4m	4	2	10-30d

**NAME OF DRUG : GALLICUM ACIDUM**

**POTENCIES : 6, 30**

1.	2.	3.	4.	5.	6.	7.
Urinary	Haematuria (Burning in urethra)	7,9	4-25d	11	9	1-10d
Respiratory	Hoemoptysis	-	4d-9y	3	3	6-14d
Stomach	Pyrosis (Burning sensation in epigastrium)	4	1m-1y	14	12	4-44d

**NAME OF DRUG : GYMNEMA SYLVESTRE**

**POTENCIES : Q, 6**

1.	2.	3.	4.	5.	6.	7.
Urinary	Frequent urination at night (with itching around genitalia)	7	7d-3y	26	19	7-30d
General	Diabetes Mellitus	9	1-3y	23	11	1-4m
	General weakness	-	1-6m	24	10	1-4m

**NAME OF DRUG : GLYCOSMIS PENTAPHYLLA  
(ASTISTA INDICA)**

**POTENCIES : 6, 30**

1.	2.	3.	4.	5.	6.	7.
Mind	Irritability	-	1-6m	5	5	24-46d
Head	Vertigo < morning	7	1m	1	1	10d
Nose	Coryza-thin nasal dis- charge and sneezing	8	3-5-10d	36	26	3-7d
Mouth	Grinding of teech	-	7d-3y	17	10	3-5d
Stomach	Loss of appetite	8	3-18d	14	8	3-15d
	Heart burn (< fried food)	7	1-3m	5	5	3-16d
	Heaviness < after eating	8	1-3m	11	9	3-15d
	Indigestion sour eructation	10	15-45d	6	5	3-10d

**Abdomen**

Pinching pain in umbilical region < after eating	-	7-21d	19	13	3-7d
Flatulence with heaviness in abdomen < after eating > eructation	7,8	6-30d	33	25	3-18d
Gripping pain in abdomen around navel agg. after eating, after stool	7,8,9	1d-3m.	114	78	3-18d

**Rectum**

Stool-loose 3-4 times a day watery, mixed with mucus & tenesmus	-	3d-3m	101	67	3-10d
			21	18	7-18d

**Urinary**

Constipation all with diarrhoea	-	15-40d	7	6	5-25d
---------------------------------	---	--------	---	---	-------

**Genitalia  
Female**

Nocturnal enuresis	10	1m-3y	8	6	6-30d
--------------------	----	-------	---	---	-------

**Extremities**

Leucorrhoea-whitish, comes upto the heel agg. movement	4	1-6m	31	23	4-18d
--	---	------	----	----	-------

**Fever**

Weakness in legs	-	1-3m	17	9	3-7d
Fever with chill without thirst < morning	7	1-7d	25	19	3-7d
	-	2-10d	14	11	3-7d
with intense thirst during heat	9	4-10d	18	11	3-12d
Comes on alternate days	-	6-15d	19	12	3-18d
	-	3-15d			

Fever with headache with chill < morning	-				
---	---	--	--	--	--

**NAME OF DRUG : HECLA LAVA**

**POTENCIES : 6, 30, 200**

1.	2.	3.	4.	5.	6.	7.
Mouth					24	1m
				41		
Toothache with swelling of gums < cold water > hot application	4,9	2d-1m		23		1-6m
Toothache due to caries of teeth	-	1m-1y		35		4d-7d
Bleeding gums with swelling (worse after brushing)	9	1-2y		43		

**NAME OF DRUG : IRIS TENAX**

**POTENCIES : 6, 30**

1.	2.	3.	4.	5.	6.	7.
Mouth	Bitter taste	9	1-2m	16	12	1-1 1/2m
Stomach	Nausea and vomiting < movement	9	1d-4m	21	14	2-7d
Abdomen	Pain-ileocaecal region with tenderness with vomiting	1,4	15d-6m-1y	34	15	3-8d
Stool	Constipation-hard stool	4	1-6m	19	11	1-5m

**NAME OF DRUG : JABORANDI**

**POTENCIES : Q, 6, 30**

1.	2.	3.	4.	5.	6.	7.
Head	Headache > pressure	9	7d-6y	24	20	3-15d
	Frontal region - following eye strain	9	3-30d	29	21	3-7d
	Falling of hair	1	3d-2y	190	98	7-25d
	Dandruff with itching	1	20d-2y	27	25	3-20d
	Premature greying of hair	9	20d-6y	65	32	5-25d
Face	Pimples (with itching and pain)	9	2m-1 1/2y	12	7	2d-1 1/2m
	Inflammation of parotid gland	4	3-30d	32	24	1-21d
Respiratory	Dry cough < at night	-	4-10d	2	2	4-18d
Chest	Palpitation of heart with excessive perspiration	1	4d-2y	12	9	4d-2 1/2m
Extre- mities	Profuse perspiration both palms and soles	4	1-3m	26	20	1-6m
Perspiration	Excessive perspiration	4	1m-3y	33	27	3-15d

**NAME OF DRUG : JACARANDA CAROBA**

**POTENCY : 30**

1.	2.	3.	4.	5.	6.	7.
Nose	Coryza with thin nasal discharge	4	3-7d	7	4	3-7d
Geni- talia Male	Itching on male genital organ	4	10d-2m	7	4	10d
	Erection-painful	4	1-7d	4	2	3d-1m
Extre- mities	Phimosis-prepuce swollen	-	1m	2	1	2-15d
	Pain in knee joint with stiffness < morning	4	2m-2y	5	1	3-13d
Respiratory	Dry cough worse at night	-	4-10d	2	2	4-18d

**POTENCIES : 6, 30**

**NAME OF DRUG : JALAPA**

1.	2.	3.	4.	5.	6.	7.
Mind					25	2-7d
Abdomen	Irritability at night	-	1-7d	34	9	2-8d
	Gripping pain in abdomen > passing stool	4	1-7d	13	10	1-3m
	Pain in abdomen umbilical region with diarrhoea	1,4	1-4m	19	9	5d
	Flatulence with heaviness in abdomen	4	4d	18	50	2-8d
	Loose watery stool with gurgling	1,4	1-7d	70	41	2-6d
	-greenish, sour -undigested food particles -during dentition	-	3-7d 1d-1w 5d-2w	50 35 23	27 13	3d-1w 3d-5d

**POTENCIES : 6, 30**

**NAME OF DRUG : JUGLANS REGIA**

1.	2.	3.	4.	5.	6.	7.
Eyes	Recurrent stye with pain, redness and swelling of eyes	9	7d-4m	13	8	3-21d

Face	Red pimples on face pain with suppuration with itching	1,9	6-7m	64	42	15d
		-	4d-5y	60	40	3-21d
	Acne on face, forehead with black pigmentation	-	2-12m	67	29	3-20d
Skin	Small red papular eruptions with itching agg. night	1,9	3d-3y	19	12	4-45d
		-	3d-3y	12	7	4-45d
	Ring worm with itching agg. night	-	1m-6y	7	4	2-22d

**NAME OF DRUG : JUSTICIA ADHATODA**

**POTENCIES : Q, 6, 30**

1.	2.	3.	4.	5.	6.	7.
Eyes	Lachrymation of eyes with pain (with redness)	7	1d-1w	50	39	3d-3m
Nose	Coryza with thin nasal discharge (with heaviness in head) sneezing frequent	7,9	1d-3y	241	179	3d-25d
		7	-	42	29	-
	Nose blocked < night	7	1d-3y	34	21	-
Rectum	Constipation, stool dry, hard	7	-	41	30	-
Respiratory system	Cough-dry agg. night < morning	4,7	15d-2m	12	6	7-30d
	Dyspnoea < in morning	9	2-30d	50	30	1-5d
		-	2-20d	28	13	2-3d
	Cough paroxysmal	9	1m-6y	26	17	8-30d
Fever	Fever with dry cough	7,9	4d-6m	87	72	3d-2w
	Fever < evening	9	2-20d	36	22	3-5d
		-	2-6d	15	14	2-10d

**NAME OF DRUG: KALI MURIATICUM**

**POTENCIES: 6,3X,6X & 30**

1.	2.	3.	4.	5.	6.	7.
Head	Dull aching frontal headache	-	2m-3y	30	17	2-8w
	Falling of hair	8	1-3m	2	1	6-7d
	Dandruff with itching	-	1m	1	1	2-5d

Ear	Otorrhoea with yellow, offensive discharge like rotten egg. < morning	1,9	10d-12y	113	79	2-21d
Eye	Incipient cataract	-	4m-4y	3	2	8-60d
Nose	Coryza with thin whitish discharge	-	1-15d	64	42	3-15d
	Coryza with thick yellowish discharge < night	8	3-21d	42	28	3-9d
Mouth	Stomatitis, white ulcer with excessive salivation	8	3-30d	56	39	3-10d
Face	Tongue white coated	-	5d-1m	31	23	3-10d
	Acne on face	-	6-30d	6	4	3-12d
Throat	Tonsillitis with pain in throat < swallowing	8,4	3-60d	23	15	7-10d
	Tickling in throat with dryness, soreness followed by dry cough	-	3-5d	50	36	4-7d
Rectum	Stool-constipated dry, hard-stool stool, loose, watery	8,9	3-90d	50	36	3-12d
Genitalia Female	Leucorrhoea-thick, whitish discharge (milky white)	8	7-30d	13	11	7-10d
Respiratory System	Cough with thick, whitish scanty expectoration (agg. morning & evening) with tenacious-expect	8	2-15d	93	51	3-10d
	Cough dry < at night	8	2-35d	7	6	4-13d
	Hoarseness of voice with soreness, better by warmth	-	1-3m	112	96	1-6m
	Rattling in chest	8	1-3m	7	6	3-28d
Fever	Dyspnoea with cough	-	3-21d	7	28	1w-3w
	Fever with chill agg. in the morning with headache	4	1w-1m	44	5	7-20d
	Intolerance to fatty food	8	15d-7m	6	33	2-5d
		8	1-7d	52	2	7-15d
Stomach		8	1-6m	3		

NAME OF DRUG : LAC CANINUM

POTENCIES : 6, 30, 200

1.	2.	3.	4.	5.	6.	7.
Head	Headache, heaviness (< morning) forehead-heaviness alternate sides	4	15d-1y	12	10	15d-1m
Nose	Obstruction of nostrils alternately	4	6m-10y	6	2	18-30d
Stomach	Anorexia	1	-	51	32	-
	Thirst increased	1	-	31	20	-
Chest	Palpitation	1	2-6m	8	6	10-27d
	Mastitis with pain on least jerk	-	3-30d	7	5	3-21d
Back	Pain nape of neck < walking	1,9	3d-7m	29	25	3-20d
	Backache (shifting pain < by movement)	9	4d-1y	44	31	3-18d
	Pain lumber region < stooping	-	15-20d	60	37	3-10d
Extre- mities	Pain in legs < movement with numbness in extremities	4,9	15d-10y	17	8	15d-1y
	Numbness in extremities	-	5d-6m	15	10	4-20d
	Pain shoulder joint with numbness	9	1-10y	17	15	3-18d
	Pain heel < movement	-	5-35d	19	13	3-18d
	Burning in palms & soles	-	-	28	21	-
	Sciatica right sided with numbness	1,4	-	8	6	-
	Pain knee joint alternately on both sides < movement	4	7-30d-2y	42	29	3-18d
		-	15d-6m	35	19	3-12d

Pain in joints with numbness and stiffness	-	4d-5y	23	13	3-16d
Pain in knee joints with swelling < movement	-	3d-20y	44	33	2-7d
Pain shifting from one side to other	1,4	6-20d	39	26	6-18d
Leg pain with numbness < during sleep with swelling	9	1-3y	19	14	2w-2m
	-	15d-1y	12	10	-
	-	15d-3y	18	13	7-15d
Pain finger joints with stiffness	4				

NAME OF DRUG : MENTHA PIPERATA

POTENCIES : Q, 6, 30

1.	2.	3.	4.	5.	6.	7.
Nose				7	6	-
Throat	Tendency to catch cold	4	-	32	23	3-10d
	Pain throat with difficulty in swallowing	1,4	3-10d	16	12	10d
	Dryness of throat	-	3-10d	8	4	2-19d
Abdomen	Abdominal distension due to flatulence with pain in abdomen	4	5d-4y			
				20	15	3-7d
Respi- ratory System	Hoarseness of voice	4	3-7d	51	37	3-15d
	Dry cough agg. cold air with irritation in throat	4	2d-6m	21	17	3-15d
	With tickling in throat	-	2d-6m	26	15	3-6d
	Cough with thick whitish expectoration	1	3-6d	16	7	7d-4y
	Cough spasmodic without expectoration < cold air with dyspnoea with chest pain	4	3d-2m	7	5	-
		-	-	2	1	-
		-	-	3	3	-
Skin	Urticaria agg. in cold air	-	6m		1	12d

**NAME OF DRUG : MYGALE LASIODORA**

**POTENCIES: 6,30**

1.	2.	3.	4.	5.	6.	7.
Face	Pimples on face	8	3d-2y	21	13	3-30d
	Twitching of facial MM > during sleep	-	3-5d	5	4	1-3d
Rectum	Stool-insufficient, scanty with mucus	8	1w-1m	18	9	1-3w
Extre- mities	Uncontrollable movement of the arms & legs with palpitation, nervousness	-	-	11	5	-
		8	7m-25y	6	5	3-12d
Abdomen	Flatulence (with heaviness in abdomen) < after eating > passing flatus	-	6d-6y	10	6	3-29d
		-	-	4	2	-

**NAME OF DRUG : NYCTANTHES ARBORTRISTIS**

**POTENCIES : Q, 6**

1.	2.	3.	4.	5.	6.	7.
Stomach & Abdomen	Loss of appetite	7	3-7d	2	2	3-7d
	Constipation	4,7,9	2d	1	1	3d
Urinary	Vomiting bilious	4	4d	10	7	2d
Fever	Urine high coloured	4,7	7-10d	3	2	3-7d
	Fever with chill	1,7	1-7d	53	36	3-4d
	-thirst increased	-	-	5	4	-
	-nausea & vomiting	-	-	22	18	-
	-headache, frontal	-	-	-	-	-
	-restlessness	-	-	-	-	-
	-bitter taste of mouth	-	-	-	-	-
	-tongue-coated white	-	1-15d	31	15	-
		-	-	16	8	-

**NAME OF DRUG : SARACA INDICA**

**POTENCY : 6**

1.	2.	3.	4.	5.	6.	7.
Head	Headache with heaviness	9	3m-3y	110	78	6d-1m
	Vertigo (darkness before eyes)	4,7	6m	15	12	2-3m
	Periodical headache agg. stoppage of menses	-	6m	10	10	2-3m

Eyes	Conjunctiva-red burning sensation and lachrymation from eyes	7	7d	25	17	9d
					4	2-14d
Ear	Stye-upper eyelid	7	2d-1y	5	6	2-14d
					4	2-14d
	Pain in ear < night	7	1d-1y	9	5	3-7d
Nose		-	2d-1y	13	5	3-6d
	Coryza with profuse nasal discharge & sneezing with itching	7	3-18d	11	6	7d-1m
Stomach		-	1-7d	35	22	1-3w
	Thirst increased	7	-	6	6	7-15d
	Acidity-heart burn with sour eructation	-	3w-2m	67	40	15d
Abdomen	Nausea	7	-	4	2	20d
Rectum	Anorexia	-	1/2-1y	10	8	5-21d
	Pain in abdomen	4,7	1y	31	23	-
	Constipation obstinate with soreness in anus	-	15d-3y	4	2	-
		4,7	-	2	1	7-37d
	Bleeding piles (with bright red blood) with itching	-	-	17	13	2-35d
	Blind piles with itching	-	2m-15y	48	30	2-35d
	Constipation with stool hard, and irregular	1	14d-3y	6	6	7-30d
Genitalia Male	Urge on alternate day	-	15d-3y	6	5	1w-15d
Genitalia Female	Swelling of testicles with drawing pain in spermatic cord	7	1-4y	174	101	1-6m
	Leucorrhoea-thin/thick whitish discharge (with backache < on movement)	9	1-3 1/2y	30	20	15d
	Menses-painful	7	1-8m	5	3	1-9m
	Pain <.before menses	7	2-3y	19	12	-
	Menses early profuse bright red blood	4,7	1-9m			
	Irregular menstruation (scanty with colic)					

	Amenorrhoea with giddiness & weakness	7	1-6m	24	20	1-4m
Chest	Palpitation < movement	7	6m	49	30	7-15d
Back	Pain lumbo-sacral region < walking, stooping	7	13d	2	1	-
Extremities	Burning in palms & soles	-	1-6m	22	18	1-4m

**NAME OF DRUG : SARSAPARILLA**

		POTENCIES : 6, 30, 200						
		1.	2.	3.	4.	5.	6.	7.
Mouth	Apthae with salivation	-	7-30d			2	1	4-12d
Abdomen & Rectum	Constipation	1	7-30d			4	2	5-10d
	Pain right lumbar region along the ureter downward to thigh with nausea & vomiting	4	6m			4	3	7-15d
Urinary	Burning after urinating	4	1-1 1/2y				30	1d-3m
	Urine-scanty-drop by drop with burning frequent < night bloody	1	3d-6m	35		54	32	4-30d
	Urinary bladder-distended painful	1	1-9m 2m			40	30	1-6m 20d
	Pain at conclusion of urination	1,4	1m			2		5-15d
	Retention of urine	1,2,3,4	3d-1m			14	10	4-20d
Extremities	Inflammation of nail bed	-	-			4	3	7-21d
	Palms & soles-cracked	4	3d-5y			22	11	3-54d
Skin	Small warts (Brownish in color & round in shape)	1	3d-2y			9	5	5-24d
	Summer cutaneous eruptions (Red pustular with itching)	4	1m-2y			9	4	20-40d
		10	6-30d			4	3	4-15d

**NAME OF DRUG : SYZIGIUM JAMBOLANUM**

POTENCIES : Q, 6, 30

		1.	2.	3.	4.	5.	6.	7.
Stomach	Excessive thirst			4,7	1-5m	16	12	10d-7m
Urinary	Frequent urination with general weakness and profuse thirst < night			1	3d-3m	26	17	6-10d
Skin	Prickly heat with itching Itching < night			9	3-30d	10	8	7-12d
General	Diabetes Mellitus			4	1-10y	8	7	1-9m
	General weakness			4	1-5m	13	7	1-6m

POTENCIES : 6, 30

**NAME OF DRUG : TERMINALIA CHEBULA**

		1.	2.	3.	4.	5.	6.	7.
Head	Headache-throbbing < from sun			9	3d-8m	22	13	3-7d
	Headache-frontal > pressure heaviness			-	1-2m	3	2	1d-1m
Mouth	Tongue - dry, brownish			-	1w-1m	11	8	3d-1w
	Excessive salivation (formation of apthae)			-	10d-2m	10	4	2-27d
Stomach	Pain in epigastrium with burning pain (< spicy food)			9	1-6y	9	8	1-15d
	Acidity with sour eructation (< after eating)			9	1m	16	3	3-7d
Abdomen	Loss of appetite			-	15-30d	3	12	3-15d
	Flatulence -with indigestion -with heaviness of abdomen			4,7	3d-3m	2	2	3-8d
	Distension of abdomen			-	7-10d	4	2	1-2w
				-	1-6y			

Rectum	Constipation with ineffectual desire and much straining	4,7	3d-6m	38	25	3-12d
	Bleeding piles with bright red blood	9	7d-6m	7	5	7-12d
	Urging for stool after meal	-	3d-3m	11	7	3-57d
	Stool loose, 3-4 times a day	4,7	1-3d	11	6	1-3d
Back	Backache	4,7	15d-4m	2	2	2-12d

**NAME OF DRUG : TERMINALIA ARJUNA**

		POTENCY : 6				
1.	2.	3.	4.	5.	6.	7.
Head	Headache-forehead > pressure	7	1m-1y	3	3	7-15d
	Vertigo-darkness before eyes when rising up	7	1-2m	18	12	1-1 1/2m
Chest	Palpitation of heart	1,4	1-8m	55	35	3d-2 1/2m
	Pain cardiac region with heaviness radiating to left hand < walking, rest	4,7	3-8m	21	15	3-9d
	Hypertension					
Respiratory System	Breathlessness	4	10d-1y	10	8	3 1/2m
Extremities	Pain in hands & legs following injury	4	2m	1	1	2m
		-	2d-3y	29	21	3-18d

**NAME OF DRUG : TARENTULA CUBENSIS**

		POTENCY : 6				
1.	2.	3.	4.	5.	6.	7.
Nose	Coryza with blockage of nose < lying down loss of smell thick yellow discharge thin watery discharge	8	4d-1y	11	8	2-25d

Mouth	Blisters	8	3d-3y	8	4	1-26d
	with profuse salivation	-	15d-1y	16	6	1-15d
Skin	Carbuncle with burning stinging pain	8	30d	1	1	7-10d
	Abscess	8	2d-6m	17	13	3-8d
	painful, burning redness				6	3-10d
Rectum	Constipation	8	7d-2m	12		
	burning sensation			5	4	4-20d
	Stool hard, knotty, like sheep dung	-	12d-3y			

**NAME OF DRUG : TARENTULA HISPANICA**

		POTENCIES : 6, 30, 200				
1.	2.	3.	4.	5.	6.	7.
Mind	Irritability	-	6m-1y	3	1	19d
Head	Headache dull aching < under sun	8	1-2y	6	6	7-15d
	Vertigo (tendency to fall) < standing	-	20d-1y	11	8	5-37d
Eyes	Conjunctivitis (with redness of eyes and itching, lachrymation)	8	2d-2y	35	19	7-10d
Stomach	Pain with heaviness of epigastrium	-	1m-3y	12	5	3-51d
	agg. eating	-	-	6	16	5-60d
	With dyspepsia	-	15d	22	6	3-43d
Urinary	Urine frequent, yellow in color, scanty	-	9d-1y	8	11	2-47d
Rectum	Constipation	-	2d-4y	19	3	2-45d
	stool-dry, hard scanty mixed with mucus	-	1m-2y 4d-1y	4	5	5-47d
	Burning rawness in anus after passing stool with pain in abdomen	-	1m-1y	3	2	5-10d

Ear	Otorrhoea-thin, sticky offensive discharge	-	10d	1	1	5d
Extremities	Pain shoulder joint < raising the arm	-	1m-10y	5	4	8d-2m
Fever	Fever with chill & restlessness	-	1-2d	6	2	2-12d

**NAME OF DRUG : VISCUM ALBUM**

**POTENCIES : 6, 30**

	1.	2.	3.	4.	5.	6.	7.
Head	Vertigo (with dullness and giddiness) while standing with low blood pressure	4	1d-3y	57	47	2-30d	
	Heaviness	-	8d-5y	32	25	2-30d	
Chest	Palpitation of heart	9	1y	8	5	15d	
	Hypotension with weak pulse	4	2y	13	10	17d-1m	
Back	Backache with stiffness	10	2m-1y	12	9	5d-1m	
	Pain nape of neck	-	17	8	6	15d	
General	Epilepsy-grandmal (< from movement, > rest)	4	1m-2y	2	2	19-20d	
Extre- mities	Pain in joints < night	4	1m-1y	2	2	8-50d	
	Sciatica - right sided, hip to knee (< by movement) < cold, lying down	9	2m-6y	1	1	15d	
	Pain in knee joint with swelling and stiffness < on movement	4	10-15d	10	8	15d-1m	
	Tearing shooting pain in legs agg. on movement and by pressure	10	2m-2y	5	4	4d-10d	
		-	10d-5y	7	3	1-30d	

**NAME OF DRUG : ARANEA SCINENCIA**

**POTENCIES : 30**

	1.	2.	3.	4.	5.	6.	7.
Mind	Difficulty in concentratering the mind	-	1-7y	2	1	3-25d	
Head	Dull aching in head < cold air	-	15d-1y	4	2	2-9d	
Respi- ratory System	Dry cough < evening < cold thigs	8	3-12d	7	5	2-7d	
		-	3-5d	6	4	2-7d	
		-	3-12d	7	5	2-7d	

**NAME OF DRUG : AZADIRACHTA INDICA**

**POTENCIES : 6, 30**

	1.	2.	3.	4.	5.	6.	7.
Nose	Coryza with bland watery discharge with sneezing agg. open air > in warm room	-	1-12d	25	16	1-6d	
		-	1-12d	23	16	1-6d	
Rectum	Diarrhoea freequent and painless	-	2-7d	4	3	7-9d	
Skin	Eruption-dry, reddish with itching followed by burning on the skin	8	4d-3y	7	5	4-18d	
		-	4d-3y	7	3	4-18d	
Fever	Fever with chill - with tongue coated white, - with taste bitter	8	4d	5	16	3-6d	
	With restlessness & weakness	8	4-10d	7	2	3-6d	
Geni- talia	Spermatorrhoea < night	8	1m-8y	7	2	3d-2m	

NAME OF DRUG : THEA CHINENSIS

POTENCIES: 6, 30

1.	2.	3.	4.	5.	6.	7.
Nose	Coryza-thick	8	4-30d	9	7	2-32d
	-yellow mucus thick	-	4-30d	19	15	2-15d
	-thin watery discharge sneezing					
	With throbbing pain in head < morning	-	4-10d	3	3	3-9d
Stomach	Acidity	8	4d-5y	7	6	3-26d
	nausea agg. meal					
Respiratory System	Cough	8	1-30d	7	3	2-15d
	with mucoid expectoration					
	Cough dry < night	-	4-10d	5	4	2-5d

NAME OF DRUG : ARANEA DIADEMA

POTENCIES : 6, 30

1.	2.	3.	4.	5.	6.	7.
Nose	Coryza watery discharge from nose & sneezing	8	3-5d	6	2	3-6d
	Epistaxis, blood bright red < washing the face & blowing the nose	8	3d-5y 3d-5y	9 7	9 7	5-12d 5-12d
Geni- talia Male	Nocturnal seminal emission with lascivious dreams	8 1,2	1m-1 1/2y	14	11	4-45d
Head	Headache in frontal region > open air	8	15d	5	4	30d .
Rectum	Stool - loose watery, yellowish with mucus	8	2-30d	9	8	1-10d

NAME OF DRUG : TELA ARANEA

POTENCIES : 6,30

1.	2.	3.	4.	5.	6.	7.
Head	Pain in frontal region of head > by pressure with heaviness in head	8	2d-2m 7d-2m	13 9	11 5	3-45d 3-7d
					10	2-12d
Nose	Coryza with profuse watery nasal discharge and sneezing	8	1-4d	13	4	3-8d
Throat	Stitching pain in tonsils < on deglutition & talking > taking warm drink	-	2-10d	5		2-6d
Stomach	Loss of appetite	8	2-5d	3		2d-1 1/2m 4d-1 1/2m
Stool	Constipation	8	3d-1y 4d-1y	11 7	8	4-20d
	-hard & passes with difficulty	-	4d-1y	4	4	
	-with bleeding from anus agg. passing stool	-				
Fever	Fever with chill, bodyache with pain in forehead > pressure	8	1-30d 3-5d	57 8	37 5	2-30d 3-12d

NAME OF DRUG : TYLOPHORA INDICA

POTENCY : 6, 30

1.	2.	3.	4.	5.	6.	7.
Respiratory	Cough > rubbing on chest with dyspnoea & pain in chest	8	3-30d	8	6	3-12d
Back	Dull aching in lumber region > heat & pressure	8	10-30d	4	3	8-10d

## 5. DRUG PROVING

### INTRODUCTION

Drug Proving is the first step in the birth and emergence of a remedy and is a unique method of ascertaining the therapeutic powers of drugs. Proving provides knowledge about the instruments that homoeopaths use in combating disease. Drug Proving, therefore, plays a vital role in the development of Homoeopathy. Homoeopathy is based upon nature's law of cure i.e. Similia Similibus Curentur which states that, only that medicine will be able to eradicate a disease in the sick person which is able to produce the similar type of disease condition in the healthy person and hence it is necessary to perform provings of new drugs and reprove existing ones on healthy human beings in order to expand the therapeutic armamentarium.

Keeping in view the above, the Council has undertaken the job of proving and reproofing of drugs since its inception. This work is being carried out at three Drug Proving Research Units located at Calcutta & Midnapore in West Bengal & Ghaziabad in Uttar Pradesh and in addition to this, Regional Research Institute (H), New Delhi and Homoeopathic Drug Research Institute, Lucknow have also undertaken this work. The proving of drug is conducted under Drysdale's double blind technique where neither the proving master nor the prover know the name of the drug and its potencies being proved on them. The drug is proved on healthy human beings selected from different regions of the country in order to ascertain whether ecological, socio-economic, climatic, regional factors & food habits, variation in physical constitution of the volunteers affects its pathogenesis in any form.

A drug is proved on two different places i.e. two units in order to complete its proving. The healthy volunteers are selected on the basis of pre-trial medical examination conducted by Honorary consultants in the field of Medicine, Psychiatry, Ophthalmology, Otorhinolaryngology, Dermatology, Pathology and Gynaecology in case of female provers. Drugs are provided to the provers in coded initials and provers are divided into two groups, one who receive 'placebo' and other 'actual drug' to distinguish between the false and true symptoms. The proving master records the responses of the provers in the prescribed performae. The data collected during the course of provings is received at the Central Drug Proving-cum-Data Processing Cell at the Hqrs. office of the Council, where, it is processed, analysed and compiled and later on published for the use of the profession.

### 5.1. ACHIEVEMENTS

#### 5.1.1. Drugs Proved so far

1. Abroma augusta folia
2. Aegle folia
3. Aegle marmelos
4. Aranea scinencia (short proving)
5. Aranea diadema
6. Atista indica
7. Azadirachta indica
8. Baryta iodata
9. Boerrhavia diffusa
10. Cassia fistula
11. Carica papaya
12. Cassia sophera
13. Curcuma longa (short proving)
14. Cuprum oxydatum nigrum
15. Cynodon dactylon
16. Chelone (completed in two separate programmes in 1983 & 1992)
17. Embelia ribes (Reproving Scientific Advisory Committee conducted as per instruction of Working Group in 1990)

18. Formic acid (While proving of Q was carried out separately in 1992)
19. Hydrocotyle asiatica
20. Holarrhena antidysenterica
21. Kali muriaticum
22. Mygale
23. Malaria officinalis (short proving)
24. Tarentula cubensis
25. Tarentula hispanica
26. Thea chinensis
27. Tela aranea
28. Tylophora indica
29. Thymol
30. Lapis alba (short proving)
31. Theridion
32. Terminalia arjuna Q
33. Acalypha indica
34. Glycirriza glabra
35. Magnesia sulphuricum
36. Phyllanthus niruri
37. Terminalia chebula (proving conducted in two separate programmes in the year 1992 & 1995)
38. Nyctanthes arbortristis
39. Mangifera indica (short proving)

#### 5.1.2. Publications

Proving data is published from time to time for the use of the profession in the form of monographs or in Quarterly Bulletin.

##### 5.1.2.1. Monographs

- Monographs No.1. Abroma Augusta Folia  
 2. Kali Muriaticum  
 3. Cassia Sophera  
 4. Cynodon Dactylon  
 5. Aegle Folia  
 6. Aegle marmelos

##### 5.1.2.2. Quarterly Bulletin

Sl. No. Name of the Drugs

1. Kali muriaticum
2. Cassia sophera
3. Cynodon dactylon
4. Baryta iodatum
5. Formic acidum
6. Cuprum oxydatum nigrum
7. Hydrocotyle asiatica
8. Boerhaavia diffusa
9. Mygale
10. Tarentula hispanica
11. Tarentula cubensis

No. & Issue of Quarterly Bulletin

- Vol.3 (1) 1981  
 Vol.2 (2) 1980  
 Vol.2 (4) 1980  
 Vol.2 (3) 1980  
 Vol.7 (4) 1985  
 Vol.7 (1-4) 1985  
 (Drug Proving Special I)  
 Vol.9 (3,4) 1987  
 -do-  
 Vol.9 (3&4) 1987  
 -do-  
 -do-

13.	Herbarium :	
a)	Herbarium specimens mounted	3239
b)	Herbarium specimens stitched	3292
c)	Herbarium specimens written	931
d)	Leaves from fair field book prepared	2969
e)	Herbarium specimens labelled	3212
f)	Index Cards of Indigenous Medicinal Plants Ethno-botanical Medicinal Plants and Homoeopathic Medicinal Plants prepared from published literature for the nomenclature and Documentation Section of the unit.	
g)	Sheets of important Homoeopathic Medicinal Plants collected from regions of North India (Shimla, Dehradun, Delhi & Hardwar) re-assessed and found fit for accession and incorporation. These sheets had been authenticated by the Survey Officer Incharge at the B.S.I. (Northern circle) Dehradun and represents genera not found in South India. The Medico-botanical herbarium of plants being maintained and steadily expanded.	3625
h)	Herbarium specimens accessioned and incorporated in the herbarium of this office bringing the total number of verified and authenticated herbarium specimen in the herbarium.	30
i)	Field number have been collected for the herbarium bring total no. Herbarium sheets of Homoeopathic Medicinal Plants supplied to H.D.R.I., Lucknow.	3150
14.	a)	5371
	b)	4996
	c)	41
15.	Herbarium sheets supplied to D.S.U., Ghaziabad.	8
	Photographs of Homoeopathic Medicinal Plants supplied to H.D.R.I., Lucknow.	7
16.	45 Herbarium specimens, 21 raw drug material & 6 Photographs of Homoeopathic Medicinal Plants supplied to C.C.R.H. Hqrs.	20
17.	299 Books, 290 Journals & 10 Maps present in the library.	
18.	477 Council's priced publication sold.	
19.	Information about possible contaminants/adulterants of raw drug plant material-- Calendula off. with Tagetes erecta Linn had been informed to the Director, H.P.L., Ghaziabad.	
20.	A) Supply of Homoeopathic Mother Tincture.	
	a) 2 Homoeopathic Mother tinctures supplied to H.D.R.I., Lucknow.	
	b) 2 Homoeopathic Mother tinctures supplied to D.S.U., Hyderabad.	
	c) 1 Homoeopathic Mother tinctures supplied to D.S.U., Ghaziabad.	
	d) 6 Homoeopathic Mother tinctures supplied to CCRH Hqrs.	
	B) Supply of Raw Drug Plant Material.	
	a) Supplied 1 Raw drug plant material to Dr. K.P. Muzumdar, Smt. CMP Homoeopathic Medical College, Bombay.	
	b) Supplied 1 Raw drug plant material to HAPCO (Phyllanthus niruri) Development of cultivation garden :	
21.	a) 27 Kgs. leaves of Cineraria maritima & 2 Kgs. of Digitalis purpurea have been disposed off by sale.	
	b) The germplasm collection of important Homoeopathic Medicinal Plants are being maintained.	
	c) The newly planted saplings of Cineraria maritima are being maintained.	
	d) Expansion of cultivation area for the forthcoming rainy season and procurement of germplasm/seeds/saplings of Homoeopathic importance medicinal plants being continued.	

6.1.2. Work Done During the Year 1995-96

1. **Medico-Botanical Exploration cum Raw Drug Plant Material Collection Tours**  
3 Major Medico-botanical Exploration cum Raw drug plant material collection tours have been carried out by Survey Officer Incharge and supportive personnel of this office to Nilgiri District & Gudalur, Coimbatore District in Tamil Nadu and Sathyamangalam, Periyar District, Tamil Nadu.
2. **Literary Survey cum Herbarium Consultation Tours**  
4 herbarium consultation tours to B.S.I. (Southern Circle), Coimbatore were carried out by Survey Officer Incharge.
3. **Identification**  
222 field numbers collected from South India have been identified botanically being herbarium specimens.
4. **Herbarium work done**
  - a) 245 Index cards have been updated.
  - b) 230 herbarium specimens have been mounted.
  - c) 230 herbarium specimens have been stitched.
  - d) 286 herbarium specimens labelled.
  - e) 118 field numbers have been collected for the herbarium of this office increasing the running field numbers to 5215 till date.
  - f) 355 herbarium sheets have been accessioned & incorporated bringing the total number of herbarium holdings till date 5727.
5. **Collection of Raw Drug Plant Material**  
18 Raw drug plant material have been collected in bulk quantity, processed and despatched to D.S.U.'S / H.D.R.I.
6. **Supply of Raw Drug Plant Material**
  - a) 8 Raw drug plant material alongwith field notes have been supplied to D.S.U., Hyderabad.
  - b) 9 Raw drug plant material alongwith field notes have been supplied to D.S.U., Ghaziabad.
  - c) 17 Raw drug plant material has been supplied H.D.R.I., Luknow.
7. **Library**
  - a) Following books, journals and maps have been added to the library of this office.

Books	-	10
Journals	-	23
Maps	-	--

b) Following total numbers of books, journals and maps are present in the library of this office till date.

Books	-	314
Journals	-	365
Maps	-	9

8. **Sale of Council's Publication**

137 various titles of Council's publications were sold.

9. **Homoeopathic Medicinal Plants Cultivation Research Garden, Emerald Post Nilgiri District, Tamil Nadu**

1. Status of Cultivation of *Cineraria maritima* plants cultivated

Total extent of land under cultivation under <i>Cineraria maritima</i> alone	-	3.0 acres
Number of mother plants	-	470
Number of root split saplings planted	-	5,600
Total saplings present	-	11,050
Stock of <i>Cineraria maritima</i> raw drug plant material at hand.	-	45 kg.
Stock of <i>Cineraria maritima</i> disposed off by sale on a "no profit - no loss" basis	-	40 kg.

2. Status of Cultivation of *Digitalis purpurea*

Total extent of land under cultivation under <i>Digitalis purpurea</i> .	-	0.3 acres
Original mother plants	-	25 Nos.
New saplings being raised	-	150 Nos.
Stock of <i>Digitalis purpurea</i> raw drug plant material at hand.	-	4 kg.
Stock of <i>Digitalis purpurea</i> disposed off by sale on a "no profit - no loss" basis.	-	2 kg.

3. Germ plasm collection of Homoeopathic Medicinal Plants present in research garden are as follows:

a) <i>Apium graveolens</i>	-	Beds cleared after collection of seeds for future sowing.
b) <i>Petroselinum crispum</i>	-	100 root splits
c) <i>Centella asiatica</i>	-	100 saplings
d) <i>Polygonum punctatum</i>	-	50 saplings
e) <i>Rosmarinus officinalis</i>	-	30 saplings
f) <i>Thymus vulgaris</i>	-	50 saplings
g) <i>Solanum pseudocapsicum</i>	-	Still in hibernation
h) <i>Exogonium purga</i>	-	10 root tubers
i) <i>Mirabilis jalapa</i>	-	10 root tubers
j) <i>A Armoracia rusticana</i>	-	10 cuttings
k) <i>Brugmansia suaveolens</i>	-	5 cuttings
l) <i>Datura arborea</i>	-	

4. The clearance of *Acacia* sp. shrubs in the whole of the area in the large piece of land is being done to increase the acreage of cultivation with *Digitalis purpurea* alongwith *Cineraria maritima*.

10. **Seminar/Symposium/Conferences/Meetings: Attended/Participated**

Shri D. Suresh Baburaj, Survey Officer, together with supportive personnel attended and participated in the VIth National Homoeopathic Conference - 96 at Bangalore, Karnataka on 6th & 7th January 1996. An exhibition stall was displayed on behalf of the Central Council for Research in Homoeopathy, New Delhi and the Survey of Medicinal Plants and Collection Unit, Udhagamandalam. 72 selected Homoeopathic medicinal plants herbarium sheets were displayed and 30 important raw drug materials were exhibited alongwith relevant notes. The Council's publications were also put up for sale.

11. **Inservice Training Programme**

Dr. George Kutty Mathew, Research Assistant (H) of this office attended the Institute training programme at Headquarters, Central Council for Research in Homoeopathy, New Delhi w.e.f. 6th - 17th November, 1995 and also attended the National Seminar on Homoeopathy at New Delhi w.e.f. 17th - 19th November, 1995.

12. **Papers published**

D. Suresh Baburaj. "Less Known Exotics of Economic Importance useful in Homoeopathy found in the Nilgiri District, Tamil Nadu". *Journal Econ. Tax. Bot.* 19 (2): 425 - 433.

D. Suresh Baburaj, S. John Britto, G.K. Mathew. "Exotic Medicinal Plants Useful in Homoeopathy found in Nilgiri District, Tamil Nadu" *CCRH Quarterly Bulletin* 17 (3&4) : 24 -31.

## 6.2. DRUG STANDARDISATION

Therapeutic efficacy of drugs in the treatment of various ailments is intimately related to the purity and quality of crude as well as finished products (Tinctures). The methods employed for the preparation of finished products from crude drugs also play an important role in the maintenance of quality of the former. This involves a multidisciplinary approach envisaging Pharmacognostic, Physico-chemical and Pharmacological parameters in order to study various qualitative characteristics of drugs.

The Pharmacognostic studies concern with the macroscopical and microscopical characteristics of the crude drugs of vegetable origin and helps in identification of drugs.

The Physico-chemical analysis helps in determining the physical and chemical standards, constants and the discovery of active principle of the drug.

The Pharmacological spectrum of a drug is ascertained through experimental trials on laboratory animals under standard laboratory conditions. It includes preliminary estimation of dosage, their efficacy and safety and also the mode of action of drugs (Pharmacodynamics).

In addition to the standardisation of therapeutic doses, the toxic doses (through acute, sub-acute chronic toxicity tests) are also standardised to establish the therapeutic efficacy of a drug.

Keeping in view the importance of Drug Standardisation in ensuring the quality of drugs, the Council has undertaken a research programme for evolving standards of drugs both in crude as well as mother tincture form. This is a long term programme, which is being carried out at two Drug Standardisation Units located at Ghaziabad and Hyderabad, and also at Homoeopathic Drug Research Institute, Lucknow.

### 6.2.1. BRIEF RESUME OF THE WORK DONE DURING THE PERIOD 1980-95

During the above mentioned period pharmacognostical studies on 192 drugs, physico-chemical studies on 178 drugs, pharmacological studies on 130 drugs and histochemical studies on 6 drugs have been completed.

### 6.2.2. ACHIEVEMENTS DURING THE YEAR 1995-96

Drug Standardisation work was continued during the year 1995-96 at two Drug Standardisation Units at Ghaziabad and Hyderabad and at Homoeopathic Drug Research Institute, Lucknow. Different studies as mentioned hereunder have been completed during the year under report.

6.2.2.1. Pharmacognostical Studies on 12 drugs have been completed.

6.2.2.2. Physico-Chemical Studies on 11 drugs have been completed.

6.2.2.3. Pharmacological Studies on 5 drugs have been completed.

## 6.3. DRUG RESEARCH FOR POTENCY ESTIMATION

Homoeopathic Drug Research Institute, Lucknow continued the studies on potency estimation of Homoeopathic dilutions.

### 6.3.1. WORK DONE DURING THE YEAR 1995-96

#### 6.3.1.1. To study the anti-cholelithiasis activity of *Berberis vulgaris* and *Cinchona officinalis* on rabbits.

The study was conducted on 40 healthy albino rabbits divided into four groups and gall stones were induced experimentally in them. The test drug *Berberis vulgaris* Q and *Cinchona officinalis* Q, 0.9% physiological saline and vehicle were administered intraperitoneally once in a day for 30 days.

The present probe discerned that the drugs, *Berberis vulgaris* and *Cinchona officinalis* in their mother tincture form at the dose level of 50  $\mu$ l/Kg. b.w. in cholelithiatic albino rabbits exhibited significant changes in cholesterol, total bile acids level as compared to control and normal control groups. No untoward side effects were recorded in albino rabbits. Hence, it may be inferred that the drugs *Berberis vulgaris* and *Cinchona officinalis* in mother tincture form at a regular treatment for 30 days at a dose level of 50  $\mu$ l/Kg. b.w. possessed anti-cholelithiatic potentiality and having no impact on haematological and diuretic properties.

Acute and sub-acute toxicity studies of *Berberis vulgaris* and *Cinchona officinalis* Q at fairly large doses were found safe and non-toxic.

#### 6.3.1.2. To study the anti-diabetic effects of *Cephalandra indica* on Alloxan induced diabetised albino rats

Diabetes mellitus was induced in the adult albino rats whose normal blood sugar level were within 80 to 120 mg/100 ml. by injecting three doses of Alloxan intraperitoneally at an interval of 7 days. The test drug *Cephalandra indica* Q, 2x, 3x and LMI, vehicle and saline were administered at a dose level of 50  $\mu$ l/100 gm. b.w.

The present experimental studies indicate, that the regular administration of *Cephalandra indica* Q, 2x, 3x and 1 LM potencies at a dose level of 50  $\mu$ l/100 gm. b.w. exhibited slow and steady fall in the blood sugar level as compared to vehicle and saline treated groups. However, 1 LM potency of the drug treatment shows more significant hypoglycaemic potentiality as compared to its 2x and 3x potencies.

The present study also confirms that *Cephalandra indica* Q, 2x, 3x and 1 LM potencies exhibited reactivation/revival of degenerated / damaged beta cells with decrease in blood sugar level as compared to vehicle and saline treated groups.

Therefore, we may infer that the drug *Cephalandra indica* Q, 2x, 3x and 1 LM potencies possessed anti-diabetic potentiality similar to *Cephalandra indica* Q, 6x, 6c and 1LM preparation as observed in last year's experiment.

#### 6.3.1.3. To study the difference between the alloxan in various potencies prepared homoeopathically and its corresponding dilutions (unsuccessful) in the treatment of Diabetes Mellitus on rabbits.

The study to examine the effects of Alloxan in 200 x prepared homoeopathically vis-a-vis. Alloxan prepared in mother tincture form at a dose level of 0.1 ml-kg. b.w. in alloxan induced experimental diabetes in rabbits was continued during this year. These corresponding dilutions (unsuccessful) for ascertaining its anti-diabetic potentiality in both these states at a dose level of 0.1 ml-kg. b.w. in alloxan induced experimental diabetes in rabbits was continued during this year. These

studies indicate that regular administration of Alloxan in higher potencies exhibited a slow and steady fall in the blood sugar levels as compared to the Alloxan prepared in unsuccessful dilutions.

These observations also confirms the findings of last year's experimental work pertaining to anti-diabetic potentiality of 200x Alloxan in dynamised state in diabetised rabbits.

**6.3.1.4. To study the hypoglycaemic effect of Chionanthes virginica Q on alloxan induced diabetes in rabbits.**

Thirty rabbits in whom diabetes was induced experimentally divided in 3 groups were administered Chionanthes virginica Q, vehicle and saline (0.9% NaCl) daily for 45 days. The present findings discerned that the drug Chionanthes virginica Q.

Chionanthes virginica Q in alloxan diabetised rabbits caused slow and steady fall in blood sugar level with restoration of beta cells population towards normal range. The vehicle and saline treated groups did not show any hypoglycaemic potentiality.

**6.3.2. SCIENTIFIC PAPERS : PUBLISHED & PRESENTED**

The following scientific articles have been published in Council's Quarterly Bulletin Vol.17(1&2), 1995.

- 6.3.2.1. "On the Occurance and Availability of Medicinal Plants used in Homoeopathy" by H.C. Gupta.
- 6.3.2.2. "Indian Medicinal Plants for the Homoeopathic Treatment of various Skin Ailments" by D.P. Rastogi, H.C. Gupta, S. Rajan & Sunil Kumar.
- 6.3.2.3. "Standardisation of Homoeopathic Drugs : A Pharmaceutical Perspective" by D.M. Singh.
- 6.3.2.4. "Application and Utility of Bio-statistics in Homoeopathy" by Sunil Kumar.
- 6.3.2.5. "Role of Endocrinology and Correlatory Parameters for Screening of Homoeopathic Drugs" by E.N. Sundaram.
- 6.3.2.6. "Anti-haemorrhagic activity of Homoeopathic Drug, Symplocos racemosa Q - An Experimental Approach" by D.P. Rastogi, V.M. Nagpaul, E.N. Sundaram & Sunil Kumar.

**6.3.3. WORKSHOPS/MEETINGS ATTENDED/ ORGANISED**

- 6.3.3.1. Technical officers of this Institute have attended meeting with scientists from CIMAP (CSIR, Lab.) Lucknow regarding collaborative research work on Artemisia annua as an anti-malarial drug.
- 6.3.3.2. Homoeopathic Drug Research Institute, Lucknow organised 8 regional and one state level Workshops on IDDC, Malnutrition & AIDS sponsored by UNICEF in various districts of U.P. state.

**6.3.3. FUTURE PROGRAMME**

Drug Standardisation and Drug Research work on potency estimation to continue.

**7. LITERARY RESEARCH**

**INTRODUCTION**

The study of Homoeopathic literature is an important background material for scientific research programmes. The Council has, therefore, undertaken literary research as a long term project.

**Review and Revision of Kunzli's (Kent's) Repertory**

Kent's Repertory is one of the most comprehensive repertoires available in the homoeopathic profession. It is the most popular, complete and best repertory, the first edition of which was published in 1897 in America. It contains references to 591 drugs. The last edition of this repertory was published in the year 1916. Since then a large number of drugs have been proved and added in our therapeutic armamentarium. Keeping the above facts in view a project entitled "Review and Revision of Kent's Repertory in relation to other works" was undertaken with a view to improve and enlarge the scope of Kent's Repertory. The Pocket Manual of Homoeopathic Materia Medica by William Boericke and Repertory by Oscar E. Boericke which contains references to 1414 drugs was taken as a source book for recommending additions. Before recommending additions a thorough comparative study of both the repertoires Chapter/rubric wise is made. Additions to Kent's Repertory are recommended keeping in view Kent's philosophical framework after confirmation from known source books.

The recommendations of the research workers are further subjected to a thorough scrutiny and approval by the Working Group consisting of experts in the field of Repertory.

**Compilation of Homoeopathic Therapeutic of Bronchial Asthma and other disorders of the Respiratory System.**

**7.1. WORK DONE DURING THE YEAR 1995-96**

Details of the Additions as approved by the Working Group till 31.3.96 are also mentioned.

No.	Chapter	Additions recommended rubric wise from / to rubric	Additions approved by Working Group
	Nose	Affections, Syphilitic Boe.p.734 to Ulceration wet feeling not relieved by blowing Boe. p.	(approved whole chapter as mentioned.)
	Throat	Adenoid vegetations Boe. p.761 to Uvula - White, tenacious, mucus Boe. p. 767	Adenoid vegetations Boe.p. 761 to Oesophagus - Inflammation (oesophagitis) Boe. p. 761

3.	Generalities	Dropsy Boe. p. 959	Eruptions-Foreign bodies in larynx, trachea Boe. p. 959
		to	to
		Tumors wens Boe. p. 959	Tumors wens Boe. p.967

### 7.1.2. Compilation of Homoeopathic Therapeutics of Bronchial Asthma and other disorders of Respiratory System.

This project has been initiated at Regional Research Institute, Gudivada from April, '96 and during this period the therapeutics of 36 drugs from Abrotanum to Asafoetida was compiled from various reference books (materia medicas).

### 7.2. MEETING

The 22nd and 23rd meeting of the sub-committee on Literary Research was held on 5th and 6th Sept. '95 at CCRH/Hqrs. and on 14th & 15th Nov. '95 Homoeopathic Research Institute, Puri respectively and recommendations made in chapters Generalities and Nose were approved. The work on chapter Nose was completed and the approved recommendations were added in the chapter "Nose" and manuscript made ready for publication. Similar manuscript on chapter "Mind" (already completed) was also made ready for publication. Both these booklets are under print.

### 7.3. PUBLICATIONS

One booklet entitled viz. "Additions to Kent's Repertory from Boericke's Repertory in relation to other works" on chapters Larynx & Trachea, Respiration, Cough, Expectorantion & Chest has been published.

### 7.4. FUTURE PROGRAMME

Literary Research work will continue on chapters Generalities, Throat, Modalities, Face and Stomach. Publication of two books on chapters "Mind" and "Nose".

## 8. DOCUMENTATION

### INTRODUCTION

The Documentation Section came into existence as a part of Headquarter's office of the Central Council for Research in Homoeopathy with effect from 1st April, 1980 as the Council also recognised the importance of Documentation Services in the ongoing research programmes. Since then it has expanded and made substantial progress.

#### Objectives

The main objective of this section is "dissemination of knowledge concerning Homoeopathy". The other objectives are the following:

1. To prepare complete documentation on subjects of interest to the Council and provide them to the Scientists of the Council to update their knowledge.
2. To prepare bibliographies, reference lists and abstracts of scientific articles on Homoeopathy and allied subjects.
3. To keep the records of scientific seminars, symposia, workshops etc. organised by the Council.
4. To provide copies of scientific papers of interest to the Council, according to their availability, to the scientists.
5. To undertake various publications of the Council.

### ACHIEVEMENTS DURING THE YEAR 1995-96

The reference library which is a part of the Documentation Section has procured one hundred eighteen (118) books (including 48 WHO publications). The total no. of Books in the Library as on 31st March, 1996 is 5,588. The Library subscribes to 47 Journals both Indian and Foreign, and 6 WHO periodicals.

#### 8.1.1. Documentation Work and Bibliographic Lists

The continuous procurement and dissemination thereof of documents with special reference to Homoeopathy is the main feature of the section. It is essential to provide upto date knowledge to the workers which helps them in their research programmes. The section prepares the bibliographic lists from these documents and sends them to 51 Institutes/Units under CCRH.

##### 8.1.1.1. Bibliographic Lists

A bibliographic list entitled "Current Health Literature Awareness Services" is released quarterly by the Library of the Council containing the citations from journals (both Homoeopathy and Allied Sciences) and is sent to the Scientists working in various Institutes/Units of the Council. Four (4) such lists have been released during the year 1995-96.

### 8.1.2.. Indexing and Abstracting Services

These are fundamental to any selection and arrangement of information and make a significant contribution to communication and information flow. Following work has been done under this service by the Library of the Council.

- 1) Medico Abstracts : This contains the abstracts of the articles translated from German to English. Four issues of this was released in the year 1995-96.
- 2) List of additions : This contains list of books added during the year. One such list for 1995 -96 was released.
- 3) Press Index Abstracts: This service was started during this period and has been prepared on AIDS from the News Clippings received in the Council and will be released quarterly.
- 4) Directory of CCRH covering information about the Units and Institutes under the Council with regard to their inception, the aims and objectives, assignments, achievements and information about medicinal plants/folklore found in that region is being compiled.

### 8.1.3. Information Services

This is the most important aspect of the Documentation. This service helps those readers who neither know or have the sources of the information they seek nor have enough time to do so. Any technical queries related to homoeopathy and allied topics from scientists of the Council, members of the profession in the country and abroad are answered. One hundred fifty five (155) such queries have been answered by the Section during the year.

### 8.1.4. Reprographic Services

Photocopies of the available documents related to their project are furnished to the scientists associated with the Council and members of the profession on demand.

### 8.1.5. Newspaper Clippings

The clippings from various newspapers published in India, on Homoeopathy and Allied subjects are procured. These cuttings are classified and placed on records. During the period, under report 1948 newspaper clippings were received bringing the total to 25,938 till date.

### 8.1.6. Supply of Council's Publications

Various publications of the Council were supplied to members of the profession on request. The Council sold various publications worth Rs.19,751.00 in this year.

### 8.1.7. Audio-Visual Activities

The Council imparts necessary training to research workers under various In Service Training Programmes through audio- visuals to update the technical knowledge of the scientists in their particular field of research activity.

### 8.1.7.1. Supply of Video Cassettes

The Council has developed a Video Library of the scientific activities of various Seminars, Workshops, Discussions etc. which it organises or participates in. At present there are 71 (3 cassettes were added during this year) films. New films are added from time to time. The Council has decided to make these cassettes in order to propagate dissemination of research activities of the Council for wider use of the profession. A copy of the desired video cassettes is recorded and supplied.

### 8.1.8. Publications

The publication is one of the important activities of Documentation Section. The details of these are given separately under the head "Publications".

STATISTICS RELATING TO DOCUMENTATION SECTION ACTIVITIES DURING THE YEAR 1995-96

LIBRARY

Books

Number of titles accessioned	118
- WHO Publications	48
- Number of books received as complementary	7
- Number of books procured	360
Total Books as on 31.3.96	5,588

Journals

Number of Journals subscribed	53
- Foreign	18
- Indian	29
- WHO periodicals	6

DOCUMENTATION

Information Services

- No. of queries answered

155

Bibliographic lists

- Current Health Literature Awareness Services
- Medico abstracts
- Press index abstract

4  
1  
1

Press Clippings

- No. of press clippings received, classified and entered in stock register
- Total collection of press cuttings

1,948  
25,938

Publications

- Quarterly Bulletin Vol.17
- CCRH NEWS No. 22
- Book:
  - i. Chapters "Larynx & Trachea, Respiration, Cough, Expectorations & Chest"
- Publications sold in 1995-96

2 issues  
1 issue  
1

Total Council's publications sold till 31st March, 1996

Rs. 19,751.00  
Rs. 1,05,910.70

Audio Visual

- Video cassettes added in 1995-96

3

9. IN-SERVICE TRAINING PROGRAMME

The In-Service Training Programme for the scientists of the Council for updating their knowledge was continued during this year also as this has definite bearing on the research work being carried out. Therefore, the Council has established a Training Cell at the Council's Headquarters Office which organises or participates in Seminars/Workshops on the research undertaken by the Council. The main aims of the Seminars/Workshops are to discuss the recent researches to develop mechanism for national exchange of information and experience, and to keep the research workers of the Council abreast and updated with the latest research findings and techniques in their field of research activity.

ACHIEVEMENTS DURING THE YEAR 1995-96

1. TRAINING PROGRAMMES

9.1.1.1. Reorientation Training Programmes

The Council has been organising various In-service Training Programmes to keep research workers of the Council abreast and updated with the latest research findings and techniques in the field of homoeopathy, and to have opportunity for interaction and first hand feedback from them. The work being carried out at its various Institutes/Units are also reviewed. Beside the technical training, reorientation on methods relating to management, administration and accounts are also taken up. These training programmes have been organised with specific grant-in-aid from the Ministry of Health & Family Welfare. Six (6) reorientation programmes on various activities of the Council viz. Literary Research (10th July '95 to 21st July '95), Drug Standardisation (1st August '95 to 11th August '95), Survey of Medicinal Plants (9th October '95 to 30th October '95), Clinical Research (6th November '95 to 17th November '95) and Clinical Verification (4th December '95 to 15th December '95) have been organised during the year 1994-95. The programmes were second in the series which were started during the year 1994-95.

Fifty four (54) research workers from different Institutes/Units of the Council attended these programmes. From interaction in respect to the work assigned to them, these research workers were exposed to the various activities of the Council viz. Clinical Research, Clinical Verification, Drug Proving, Literary Research, Drug Standardisation and Survey of Medicinal Plants.

9.1.1.2. The 19th training programme for the personnel sponsored by the Cabinet Secretariat for the use of homoeopathic remedies in common ailments was held from 1st November '95 to 11th December '95 at CCRH Hqrs., New Delhi.

2. INFORMATION MEET

A one day Information Meet on CD-ROM and On-Line Technology was organised by Central Council of Research in Homoeopathy at Jawahar Lal Nehru Bhartiya Chikitsa avum Homoeopathic Anusandhan Bhawan, New Delhi on 27th February, 1996. The purpose of this meet was to interact and to create an awareness among Information Technology and Users. About 40 participants from all the Councils of Indian Systems of Medicine Homoeopathy attended the Meet.

While welcoming the participants, Dr. D.P. Rastogi, Director CCRH and Chairman of the Meet stressed on the role that the libraries can play in the access to information and, advent of newer and modern technologies for storing and retrieving knowledge. He focussed on practice for resource sharing and Homoeo Data Bank.

3. WORKSHOPS

Six Regional workshops in Uttar Pradesh on Iodine Deficiency Disease Control, Malnutrition and AIDS were organised by Homoeopathic Drug Research Institute (HDRI), Lucknow (U.P.) with financial support from UNICEF. These workshops were organised at Nainital (20th and 21st May 1995), Dehradun (17th and 18th June 1995), Faizabad

(25th and 26th July 1995), Agra (17th and 18th August 1995), Varanasi (13th and 14th September 1995), and at Rupaideha (26th and 27th December 1995). The final concluding workshop at State level was held at Lucknow on 18th January '96. The main aim of these workshops was to involve homoeopathic physicians in control of Iodine Deficiency Disease, Malnutrition and HIV/AIDS.

#### 9.1.4. SCIENTIFIC SEMINARS, WORKSHOPS, CONFERENCES ORGANISED / ATTENDED

##### 9.1.4.1. INTERNATIONAL

###### 9.1.4.1.1. Australia

The 7th International Congress of Asian Homoeopathic Medical League was held at Brisbane, Australia from 19th to 21st May, 1995. Dr. Girendra Pal, Project Officer, Homoeopathic Research Institute for Malaria (CCRH), Jaipur attended the Congress and presented a paper on "A Clinical Study of Homoeopathic Drugs on Malaria".

###### 9.1.4.1.2. Mexico

Director, CCRH was nominated by Govt. of India to attend the 50th Congress of the LIGA held in Oaxaca (Mexico) from 2nd to 6th October 1995. He presented a design of a protocol for controlled trials in HIV/AIDS under progress at Regional Research Institute, Mumbai.

##### 9.1.4.2. NATIONAL

###### 9.1.4.2.1. New Delhi

A. Sh. O.P. Verma, Librarian of the Council's Library at Hqs. attended and presented a paper entitled "Homoeopathic Librarianship for 21st Century: A Development Perspective" at National Symposium and Workshop on "Education for Librarianship in Information Age" organised by Medical Library Association of India, New Delhi at All India Institute of Medical Sciences, New Delhi from 13th Sept. to 16th Sept., 1995.

B. The Central Council for Research in Homoeopathy participated in the "II Perfect Health Mela" organised by Health Care Foundation of India and Directorate of Health Services, New Delhi from 27th October, 1995 to 5th November, 1995 at Archery Grounds, Jawahar Lal Nehru Stadium, New Delhi. The Council displayed an exhibition regarding its activities and achievements especially in the field of HIV/AIDS, Filariasis, Malaria, Epidemic Work etc. Myths regarding homoeopathy were also highlighted, as the main aim of the Mela was to create awareness about health and the alternative system of treatment amongst the general public. Publications of the Council were also put on sale. An overwhelming response was found in the people regarding Homoeopathy and about 400 copies of the books entitled "A Handbook of Home Remedies in Homoeopathy" and "Samanya Homoeopathic Upchar Pustika" were sold. The Council was presented with a Medal and Certificate of participation, and also a memento by Heart Care Foundation of India.

C. On the occasion of the Golden Jubilee Celebrations of Indian Institute of Homoeopathic Physicians, a Seminar was organised from 17th Nov. 1995 to 19th Nov., 1995 at FICCI Auditorium in New Delhi. The Seminar was inaugurated by the then Hon'ble Union Health Minister Sh. A.R. Antulay. The CCRH was requested to present papers on its activities on 18th Nov., 1995. The following papers were presented:

- |  |  |
|--|--|
| 1. HIV Infection and AIDS                      | Dr. D.P. Rastogi, Director, CCRH.<br>Dr. V.P. Singh, Asst. Director (H), CCRH.                                 |
| 2. Research in Behavioural Disorders           | Dr. (Mrs.) B. Indira, Research Officer, CRI, Kottayam<br>Dr. Gopinadhan, Asst. Research Officer, CRI, Kottayam |
| 3. Clinical Verification on Lesser Known Drugs | Dr Anil Khurana, Asst. Research Officer, CCRH.   |

Dr. H. Baig, Asst. Research Officer, DSU, Hyderabad.

#### Clinical Evaluation of Cephalandra indica in Peripheral Vascular Diseases in Diabetes Mellitus

An exhibition of the charts depicting the activities and achievements of the CCRH were displayed and the publications of the Council were also put on sale.

Director, CCRH presented a paper highlighting the research done by CCRH in the management of Cancer with homoeopathic drugs and Iscador at a Seminar on Cancer Care organised by Water Falls Institute of Technology with participation of Ministry of Health, Department of Indian System of Medicine & Homoeopathy on 13th February 1996 at India International Centre, New Delhi

###### 9.1.4.2.2. Pune (Maharashtra)

The Director, CCRH attended the IX All India Homoeopathic Seminar organised by Homoeopathic Medical Association of India (on 25th & 26th November 1995) at Balgandharva Rangmandir, Pune (Maharashtra). He presided over the inaugural session and chaired the first scientific session on "Mechanism of the action of Homoeopathic Medicine". He also presented a paper giving the details of the various research works undertaken by the CCRH in HIV/AIDS Infection.

###### 9.1.4.2.3. Chandigarh

Sh. O.P. Verma, Librarian of the Council's library at Hqs. attended a National Convention organised by Medical Library Association of India at Govt. Medical College, Chandigarh from 21st Dec. '95 to 24th Dec. '95.

###### 9.1.4.2.4. Bangalore (Karnataka)

The 6th National Homoeopathic Conference of the Research Society of Homoeopaths was held on 6th & 7th January 1996 at Hotel Atria in Bangalore (Karnataka). This was attended by Dr. D.P. Rastogi, Director, CCRH; Dr. Girendra Pal, Project Officer, HRI, Jaipur; Sh. D. Suresh Baburaj Survey Officer and Dr. George Kutty Mathew, Assistant Research Officer, Survey of Medicinal Plants and Collection Unit (SMPCU), Ooty. More than 600 delegates from all over India attended the conference. On this occasion, Director, CCRH released the Souvenir and was also awarded a memento for his services in the field of Homoeopathy. During the inaugural session Director, CCRH highlighted some of the work done by the Council in various fields and was also one of the panelists in the panel discussion in the use of high potencies. An exhibition depicting the ongoing activities and achievements of the Council was also put up. Herbarium sheets of the selected Homoeopathic Medicinal Plants were displayed and some of the new drug materials was also exhibited by the SMPCU, Ooty. The Council's publications were also put on sale.

###### 9.1.4.2.5. Hissar (Haryana)

The District Homoeopathic Society, Hissar organised a one day Seminar on 18th February 1996 at Hissar (Haryana). Sh. H.D. Bansal Additional Chief Secretary Haryana was the chief guest. Dr. Arya, Vice Chancellor Agricultural University and Sh. Wadhwa, Deputy Commissioner Hissar were the other dignitaries present on this occasion. Director, CCRH was invited to present the research work on HIV/AIDS under progress in the Council. This was attended by around 250 homoeopaths from Haryana.

**FUTURE PROGRAMME**  
The Re-orientation Training Programmes for the research workers of the Council to continue.

## 10. PUBLICATIONS

A research study is complete only when the findings obtained during the course of study are made public through reporting or publication, for they cannot be utilised fruitfully if they are not known to the people who ought to know it or who are in a position to utilise it. Thus, communication of the results becomes as important as the research itself. Results/data obtained unless made public are of no use. So keeping this in view the Council publishes Quarterly Bulletin wherein technical activities and achievements of the Council are highlighted, CCRH News wherein Council's activities are published, and various Books/Monographs.

### PUBLICATIONS DURING THE YEAR 1995-96

Quarterly Bulletin	:	Vol. 17(1&2) and (3&4) issues were published.	
CCRH NEWS	:	No. 22 was published.	
Books	:	i) Chapters "Larynx & Trachea, Respiration, Cough, Expectorations & Chest"	Under the project "Review & Revision of Kent's Repertory - Additions from Boericke's Repertory"

### FUTURE PROGRAMME

- Vol. 18 of the Quarterly Bulletin and CCRH NEWS No. 23 to be published.
- Revised 4th Edition of "A Hand Book of Home Remedies" to be printed.
- Monographs on "Hydrocotyle asiatica" and "Atista indica" including the clinical verification data to be published.
- Revised and enlarged edition of "A Check list of Homoeopathic Medicinal Plants of India" to be published.
- Two books on chapters "Mind" and "Nose" to be published.

## ACKNOWLEDGEMENTS

The Director and staff members of the Central Council for Research in Homoeopathy would like to thank Dr. Chavara, Minister of State for Health & Family Welfare and President of the Council and Sh. Paban Singh Ghatowar, Deputy Minister for their keen interest, active and strong support in the growth and development of the Council.

We are also thankful to Sh. M.S. Dayal, Secretary (ISM&H), Sh. K. Chandramouli, Joint Secretary (ISM&H), Dr. V.T. Augustine, Advisor (Homoeo.), Ministry of Health & Family Welfare and Dr. S.P. Singh, Deputy Advisor (Homoeo) for providing us continuous help and encouragement.

The guidance and co-operation of the Governing Body, Standing Finance Committee, Scientific Advisory Committee, Sub-Committee (LR), Department of ISM & H and Ministry of Health & Family Welfare in carrying out various activities of the Council is gratefully acknowledged.

## LIST OF INSTITUTES, UNITS UNDER C.C.R.H.

1. Assistant Director,  
Central Research Institute(H),  
Sachivothamapuram,  
KOTTAYAM (KERALA)-686 532.
2. Research Officer Incharge  
Regional Research Institute(H),  
Nehru Homoeopathic Medical  
College & Hospital,  
B-Block, Defence Colony,  
NEW DELHI-110 024.
3. Research Officer Incharge,  
Regional Research Institute(H),  
Bombay Homoeopathic Medical  
College & Hospital, Irla Naka, Ville Parle,  
MUMBAI (MAHARASHTRA)-400 056.
4. Asstt. Director Incharge  
Regional Research Institute(H),  
13/210A, Club Road,  
GUDIVADA (A.P.)-521 301.
5. Research Officer Incharge  
Homoeo. Research Institute(H),  
CCRH Building Marchi Kote Lane,  
PURI (ORISSA)-752 001.
6. Project Officer  
Homoeopathic Drug Research  
Institute(H),  
B-1433, Indira Nagar,  
LUCKNOW (U.P.)-226 016.
7. Project Officer  
Drug Standardisation Unit(H),  
O.U.B. 32, Room No.4,  
Vikram Puri,  
Habsigunda,  
HYDERABAD (A.P.)-500 007.
8. Project Officer  
Drug Standardisation Unit(H),  
C/o Homoeopathic Pharmacopoeia Laboratory,  
C.G.O. Complex, Near Hapur Chungi,  
Kamla Nehru Nagar,  
GHAZIABAD (U.P.)-201 002.
9. Research Officer Incharge,  
Drug Proving Research Unit(H),  
136, Afganana, Delhi Gate,  
GHAZIABAD (U.P.)-201 001.
10. Project Officer  
Drug Proving Research Unit(H),  
D.N. De Homoeopathic Medical  
College and Hospital,  
12, Gobinda Khatick Road,  
CALCUTTA (W.B.)-721 101.
11. Research Officer Incharge  
Drug Proving Research Unit(H),  
Midnapore Homoeopathic Medical  
College and Hospital,  
MIDNAPORE (W.B.)-721 101.
12. Research Officer Incharge  
Clinical Verification Unit(H),  
136, Afganana Mohalla, Delhi Gate,  
GHAZIABAD (U.P.)-201 001.
13. Asstt. Research Officer Incharge,  
Clinical Verification Unit(H),  
Anand Ashram, Gopeshwar,  
VRINDAVAN (MATHURA)-U.P.
14. Asstt. Research Officer Incharge,  
Clinical Verification Unit(H),  
NC.152 Gayatri Mandir Marg,  
P.O. Lohia Nagar  
PATNA -800 020.
15. Field Botanist Incharge  
Survey of Medicinal Plants and  
Collection Unit(H),  
112 Govt. Arts College,  
Campus,  
UDHAGAMANDALAM (T.N.)-643 002.
16. Project Officer  
Clinical Research-cum-  
Epidemic Cell,  
1, Neem Rose,  
Zinsi Chauraha,  
JAHANGIRABAD (BHOPAL).

- Project Officer  
Clinical Research Unit(H),  
Surgical Research Lab.,  
Banaras Hindu University,  
VARANASI (U.P.)-221 005.
- Research Officer Incharge  
Clinical Research Unit(H),  
6/430, Model Town  
BAHADURGARH (HARYANA)
- Research Officer Incharge  
Clinical Research Unit(H),  
Kishore Colony, Plot No.1,  
Bhupindra Road, Near Phathak No.22,  
PATIALA (PUNJAB)-147 001.
- Research Officer Incharge  
Clinical Research Unit(H),  
Flat No.5, Nitya Niketan,  
SHIMLA (H.P.)-171 002.
- Research Officer Incharge  
Clinical Research Unit(H),  
Hindustan Saw Mills Building,  
Bailoor Road, Mission Comp.  
UDUPI-576 101.
- Project Officer  
Homoeopathic Research Institute,  
Dr. Madan Pratap Khuteta Rajasthan  
Homoeopathic Medical College & Hospital,  
Station Road,  
JAIPUR - 302 006.
- Asstt. Research Officer Incharge  
Clinical Research Unit(H),  
M.B. 31 Middle Point,  
Mahatama Gandhi Road,  
PORT-BLAIR (A&N)-744 101.
- Research Officer Incharge  
Clinical Research Unit(H),  
Door No.6-1-61A, S.V.O. College,  
Premises K.T. Road,  
TIRUPATHI (A.P.)
- Project Officer  
Clinical Research Unit(H),  
C.D.P. College of Homoeopathic Medicine,  
Near Anand Mangal Society, Bhatar Road,  
SURAT-395 001.

26. Research Officer Incharge,  
Clinical Research Unit(H),  
Khalipara, Odal Bakra,  
GUWAHATI (ASSAM)-781 019.
27. Asstt. Research Officer Incharge,  
Clinical Research Unit(H),  
No.4, Bharathyar Street,  
Kanagam,  
CHENNAI - 600 113
28. Project Officer  
Clinical Research Unit(H),  
New Checkon Bazar,  
IMPHAL - 795 001.
29. Research Assistant Incharge,  
Clinical Research Unit(H),  
71-72, Resham Garh Colony,  
JAMMU-180 001.
30. Asstt. Research Officer Incharge,  
Clinical Research Unit(T) for H,  
Near Circuit House Road,  
Bhiram Ganj Para, Subhash Ward,  
JAGDALPUR - 494 223.
31. Project Officer  
Clinical Research Unit(T)  
for Homoeopathy,  
Venghuli Republic Road,  
AIZAWL (MIZORAM)-796 001.
32. Asstt. Research Officer Incharge,  
Clinical Research Unit(T)  
for Homoeopathy,  
P.B. No.124, Itanagar,  
ARUNACHAL PRADESH-791 111.
33. Asstt. Research Officer Incharge,  
Clinical Research Unit(T)  
for Homoeopathy,  
B-1073, Hanuman Street,  
BHARUCH (GUJARAT)-392 001.
34. Asstt. Research Officer Incharge,  
Clinical Research Unit(T)  
for Homoeopathy,  
P.O. Kadmatalla,  
SILIGURI, DARJELLING.

35. Research Officer Incharge,  
Clinical Research Unit(T)for Homoeopathy,  
Near Ashok Talkies,J.N. Road,  
DANDELI (NK) KARNATAKA.
36. Asstt. Research Officer Incharge,  
Clinical Research Unit(T) for Homoeopathy,  
Near West Division,Forest Colony,  
P.O. Diphu, Distt. Karbianglong,  
(ASSAM)-782 460.
37. Asstt. Research Officer Incharge  
Clinical Research Unit(T) for Homoeopathy,  
Station Road,Tulsipur,  
GONDA (U.P.)
38. Research Officer Incharge,  
Clinical Research Unit(T)  
for Homoeopathy,  
Sonari Street,  
JEYPORE (ORISSA).
39. Research Officer Incharge,  
Clinical Research Unit(T) for Homoeopathy,  
Moolamattom P.O.  
IDUKKI (KERALA)-685 589
40. Asstt. Research Officer Incharge  
Clinical Research Unit(T) for Homoeopathy,  
Industrial Estate, Teenali Rangapahar,  
Contonrient Road,  
DIMAPUR-797112
41. Research Officer Incharge  
Clinical Research Unit(T)  
for Homoeopathy,  
Near Community Centre,  
Development Area,  
GANGTOK.SIKKIM.
42. Project Officer/Asstt. Research Officer I/c.,  
Clinical Research Unit(T)  
for Homoeopathy,  
Churachanpur,  
MANIPUR-795 128.
43. Research Officer Incharge,  
Clinical Research Unit(T)  
for Homoeopathy,  
Distt. Chamba,  
BHARMOUR (H.P.)-176 315.
44. Asstt. Research officer Incharge,  
Clinical Research Unit(T) for Homoeopathy,  
Zangasti Road,  
LEH (J&K).
45. Asstt. Research Officer Incharge,  
Clinical Research Unit(T) for Homoeopathy,  
19, Othavatai Street,  
Muthiamudaliarpet,Muthialpet,  
PONDICHERRY-605 003.
46. Research Officer Incharge,  
Clinical Research Unit(T) for Homoeopathy,  
Kanke Block Road, Kanke,  
RANCHI (BIHAR).
47. Asstt. Research Officer Incharge,  
Clinical Research Unit (T) for Homoeopathy,  
Building No.37,38, Gandhipuram,  
P.O. Sendamangalam,  
Distt. SALEM (TAMILNADU)-637 409.
48. Asstt. Research Officer Incharge,  
Clinical Research Unit(T) for Homoeopathy,  
C/o Shri P. Bose, Temple Road,  
SHILLONG (MEGHALAYA)-793 001.
49. Asstt. Research Officer Incharge,  
Clinical Research Unit(T) for Homoeopathy,  
Old Kalbari Road,Krishna Nagar,P.O.  
Adviser Chowmubani,Agartala,  
Distt. Tripura West,TRIPURA.
50. Asstt. Research Officer Incharge,  
Clinical Research Unit(T)for Homoeopathy,  
Door No.74-19-3, Enamalakuduru Road,  
(Block Road), Patamta-Krishna Nagar,  
Krishna Distt.,  
VIJAYAWADA (A.P.)-520 007.
51. Research Officer Incharge,  
Clinical Research Unit(T)for Homoeopathy,  
Plot No.90(P), Deherpuli,  
Professor's Colony,P.O. Budharaja.  
Distt. SAMBALPUR, ORISSA.

PART -III  
AUDITED ANNUAL ACCOUNTS

## AUDIT CERTIFICATE

I have examined the Receipts and Payments Account/Income and Expenditure Account for the year ended 31st March, 1996 and the Balance Sheet as on 31st March, 1996 of Central Council for Research in Homoeopathy, New Delhi. I have obtained all the information and explanations that I have required, and subject to the observations in the appended Audit Report, I certify, as a result of my Audit, that in my opinion these accounts and Balance Sheet are properly drawn up so as to exhibit a true and fair view of the state of affairs of the Central Council for Research in Homoeopathy according to the best of information and explanations given to me and as shown by the books of the organisation.

Sd/-  
Director General of Audit  
Central Revenues

Place : New Delhi  
Dated : 28.11.1996

## AUDIT REPORT ON THE ACCOUNTS OF CENTRAL COUNCIL FOR RESEARCH IN HOMOEOPATHY, NEW DELHI FOR THE YEAR 1995-96.

### INTRODUCTION

The Central Council for Research in Homoeopathy was established on 30th March, 1980 under the Societies Registration Act, 1860, with the main objects of (i) formulation of aims and patterns of research of scientific lines in homoeopathy (ii) undertaking any research or other programme in homoeopathy and (iii) the prosecution of and assistance in research, propagation of knowledge and experimental measures generally in connection with the dissemination, mode of spread and prevention of diseases etc.. The audit of accounts of the Council has been entrusted under Section 20(1) of the Comptroller and Auditor General's (Duties, Powers and Conditions of Service) Act, 1971 for a period of 5 years from 1993-94 to 1997-98.

The Council is mainly financed by grants from the Central Government. During the year 1995-96, the Council received grants of Rs. 340.86 lakhs from the Ministry of Health & Family Welfare. In addition, the Council received Rs. 25.25 lakhs from National Aids Control Organisation.

### COMMENTS ON ACCOUNT

#### 2.1. Difference of Rs. 341,860.40 between Broadsheet and Annual Accounts figures of GPF.

The balance sheet as on 31st March 1996 revealed that the Council had liability of Rs. 1,81,33,801.40 on account of GPF of the employees while the broadsheet of GPF showed closing balance of Rs. 1,77,91,941 resulting in difference of Rs. 3,41,860.40 as on 31st March 1996 in two sets of accounts. The difference had not been reconciled. The Council stated (October 1996) that the liability of Rs. 1,81,33,801 on account of GPF as shown in the accounts includes subscription of the subscribers for the month of March 1996 whereas this amount had not been taken in the broadsheet.

#### 2.2. Difference of Rs. 13,728.00 in assets account.

A scrutiny of the balance sheet as on 31st March 1996 revealed that the Council had assets worth Rs. 2,20,12,028 but as per the assets register maintained by the Council, the value of assets worked out to Rs. 2,19,98,300. This had resulted in difference of Rs. 13,728 which needs to be reconciled.

The Council stated (October 1996) that the difference had since been reconciled and can be verified during next audit.

#### 2.3. Overstatement of expenditure by Rs. 19.61 lakhs.

As per accounting procedure, the financial year 1995-96 should include expenditure on salary for the months from March '95 to February '96 and salary for the month of March 1996 should be accounted for in the accounts for 1996-97.

A scrutiny of the Annual Accounts of the Council for the year 1995-96 revealed that the Council had also accounted for salary of Rs. 19,60,988 for the month of March 1996 in respect of its Outstation Units in the year 1995-96 which was irregular and resulted in overstatement of expenditure by Rs. 19.61 lakhs.

The Council stated (October 1996), that contents of the para have been understood and the lapse would not be repeated in future.

Receipts and payments account of the Council for the year 1995-96 revealed that the Council had purchased books worth Rs. 0.32 lakh but the value of these books had not been capitalised, resulting in understatement of value of library books by Rs. 0.32 lakh. The omission was also pointed out in the Audit Report for the year 1994-95 but no remedial action had been taken.

The Council stated (October 1996) that there was no need to capitalise the books as provided in Note 1 below, Rule 15(4) of General Financial Rules. The contention of the Council was not acceptable as note only defines the term assets and their inclusion in Form GFR 19 to be sent to sanctioning authority.

Place : New Delhi  
Dated : 28-11-96

Sd/-  
Director General of Audit  
Central Revenues

CENTRAL COUNCIL FOR RESEARCH IN HOMOEOPATHY  
JAWAHAR LAL NEHRU BHARITYA CHIKITSA AVUM ANUSANDHAN BHAWAN  
61-65, INSTITUTIONAL AREA, D-BLOCK, JANAKPURI, NEW DELHI-110058

RECEIPT & PAYMENT ACCOUNT FOR THE YEAR ENDING 31.3.1996

Sl. No.	RECEIPTS	AMOUNT	Sl. No.	PAYMENTS	AMOUNT
1.	Op.Bal. CCRH (Bank Bal.) Plan	70,233.00	1.	Plan (A) GENERAL AREA:	
	Non-Plan	2,08,148.94		i) Pay & Allowances	77,84,499.00
	Re-orientation Trg. Programme	84,000.00		ii) Travelling Allowance	1,78,841.00
	Imprest Advance	64,700.00		iii) Wages	79,942.00
		4,27,081.94		iv) Rent	99,432.00
2.	Grant received from Ministry of Health & Family Welfare, New Delhi. Plan			v) Office Expenses	15,31,443.39
	General area	1,28,86,000.00		vi) Material & Supply	5,98,103.00
	Tribal area	14,00,000.00		vii) Payment made to Drug Research Provers	48,320.00
	Special Component Plan for			viii) Furniture & fixture	1,49,407.00
	Schedule caste	28,00,000.00		ix) Books	21,519.00
	Amt. transferred from Pen. fund	8,00,000.00		x) Hospital equipments	16,69,665.00
		1,78,86,000.00		xi) Subsidy paid to August Nursing Home	5,00,000.00
	Non-Plan	1,70,00,000.00		Amla Cancer. Res. Cen.	6,724.00
		3,48,86,000.00		xii) Seminar/Conferences	1,04,618.00
	NACO	25,25,000.00		xiii) Vehicle	
	Re-orientation Trg. Prog.	56,000.00		Fuel	33,625.00
3.	Misc. Receipts			Repair	1,34,678.00
	Interest on advances	25,105.00		xiv) Bldg. maintenance	8,30,000.00
	Conveyance Recovery	924.00		xv) Priced Publications	94,000.00
	Misc. receipts	25,565.75		xvi) Advances granted	
	Sale of Priced Publications	19,856.00		Cont. advance	5,13,025.00
	Amt. recd. from Andhra Bank (Old G.I.S. Scheme)	15,002.27		TA advance	38,050.00
	Sale of Plants	24,900.00			1,44,15,891.39
	Interest recd. on S.B. A/c. (Recd. from the Units)	253.00		(B) TRIBAL SUB PLAN	
		1,11,606.02		Pay & Allowances	11,39,592.00
				Travelling allowance	19,177.00
				Wages	7,513.00
				Rent	60,975.00
				Office expenses	48,050.00
				Material supply	43,046.00
				Vehicle repair	36,089.00

		Fuel	5,433.00
			-----
4. Recovery/adjustment of short term advances (last year)			13,59,875.00
Cont. advance (Plan & Non-Plan)	9,01,686.41		
T.A. advance	44,100.70		
LTC advance	70,977.00		
Cont. adv. for cultivation of plants	1,09,009.00		
	-----		
		11,25,773.11	
5. Recovery/Adj. of Long term advances			
Festival advance	1,18,960.00		
Scooter advance	1,14,888.00		
Car advance	54,159.00		
Cycle advance	2,960.00		
Fan advance	400.00		
Flood advance	920.00		
Pay advance	6,400.00		
Computer advance	17,850.00		
	-----		
		3,16,537.00	
6. Recovery made on account of Income Tax			5,21,585.00
7. Recovery made on account of GPF Subscription			53,19,950.00
8. Recovery made on account of GIS Scheme			2,82,990.00
9. Recovery made on account of CGHS			13,400.00
10. Amount recd. from the other deptt. on a/c of LS & PC in r/o Sh. Tulsi dharan, Sh. R.K. Banerjee, Dr. Y.S. Chillar			7,576.00
11. Recoveries made from Deputationists on account of GPF, GIS.			35,820.00

(C) SPECIAL COMPONENT PLAN FOR SCHEDULE CASTE	
Pay & Allowances	25,09,856.00
Travelling allowance	3,878.00
Wages	8,199.00
Rent	87,829.00

Office expenses	98,530.00
Material supply	1,25,221.00
Provers	22,000.00

-----

Total A+B+C 1,86,31,279.39

2. Non-Plan	
a) Pay & Allowances	1,50,76,228.00
b) Travelling allow.	2,34,411.00
c) Wages	1,62,003.00
d) Rent	3,12,346.00
e) Office expenses	8,78,812.50
f) Material supply	4,72,303.29
g) Payment to Drug Res. Provers	51,255.00
h) Repair of Vehicle	77,689.00
i) Fuel	1,31,476.00
j) Books	10,240.00
k) Advances granted	

LTC advance	20,500.00
Cont. advance	1,11,075.00
Festival advance	1,02,200.00
Scooter advance	89,000.00
Cycle advance	600.00
Car advance	56,000.00
Flood advance	1,000.00
Pay advance	6,400.00

-----

1,77,93,538.79

12. LIC Account

13,000.00

13. Sundry Debtors A/c (recd. from Dr. Shakti Das, DPRU, Calcutta)	3,000.00
14. Amt. recd from LIC of India on a/c of final payment of GIS	1,35,959.00
15. Prepaid Exp. A/c (adjusted during the year) G.I.S. Premium	23,160.00

3. Expenditure on Re-orientation Training Programme (Plan)

Stipend	27,000.00
Travelling allowance	29,464.00
Honorarium to Lecturer	9,350.00
Laboratory staff	2,500.00
Guest Lectures	6,000.00
Contingency	16,022.00

-----

90,339.00

4. Expenditure on Cultivation of Land at Ooty (Plan)

Land shaping	73,261.00
Machinery & Equipment	35,748.00

-----

1,09,009.00

5. NACO :

Expenditure on work on AIDS out of the NACO Fund

i) Kitts	3,54,881.00
ii) Cont. adv. for AIDS Research programme	1,65,000.00

-----

5,19,881.00

6. Amount paid to LIC of India on account of GIS premium

2,78,640.00

7. Pre-paid expenses (advance premium paid to LIC)

19,555.00

8. Recovery made from Deputationist on a/c or GPF, GIS, etc. remitted

35,820.00

9. Income tax remitted during the yr.

5,21,585.00

10. Recd. L.S. & P.C. fld. to pension fund

17,357.00

11. GPF remitted during the year

53,26,381.00

12. Final Payment of GIS made to employees

91,048.00

13. Payment made to the employees on a/c of old scheme of GIS

2,652.00



(C) SPECIAL COMPONENT PLAN  
FOR SCHEDULE CASTE

i) Pay & allowance	25,09,856.00
ii) Travelling allowance	3,878.00
iii) Wages	8,199.00
iv) Rent	87,829.00
v) Office expenses	98,530.00
vi) Material & supply	1,25,221.00
vii) Provers	22,000.00

Total 28,55,513.00

Total A+B+C 1,61,67,132.39

4. Amount transferred from  
Pension Fund A/c.

8,00,000.00

2. Non-Plan

i) Pay & Allowances	1,50,76,228.00
ii) Travelling Allowances	2,34,411.00
iii) Wages	1,62,003.00
iv) Rent	3,12,346.00
v) Office Expenses	8,78,812.50
vi) Material & Supply	4,72,303.29
vii) Payment to Drug Res.Provers	51,255.00
viii) Books	10,240.00
xi) Vehicle	

Fuel 1,31,476.00  
Repair 77,689.00

1,74,06,763.79

3. Re-orientation Training Prog.

i) Stipend	27,000.00
ii) Travelling allowance	29,467.00
iii) Honorarium to lecturer	9,350.00
iv) " to Lab. staff	2,500.00
v) " to Guest Lecture	6,000.00
vi) Contingency	16,022.00

90,339.00

4. Expenditure on  
Cultivation of Land at Ooty  
Land shaping

73,261.00 73,261.00

5. NACO

Expenditure on work on  
AIDS Research (Kits)

3,54,881.00

6. Insurance Fund payment made  
during the yr. (old scheme)

2,652.00

7. Excess of income over expenditure

15,48,156.84

TOTAL..... Rs.3,56,43,186.02

TOTAL..... Rs. 3,56,43,186.02

CENTRAL COUNCIL FOR RESEARCH IN HOMOEOPATHY

BALANCE SHEET AS ON 31.3.1996

LIABILITIES		AMOUNT	ASSETS	AMOUNT
<b>1. Capital Fund</b>			<b>1. Assets</b>	
Op. Balance	2,00,83,064.07		a) Furniture & Fixture	
Add Assets created during the yr.	19,48,820.00		Op. Balance	21,31,821.09
	2,22,03,884.07		Add. during the yr. (Plan)	1,49,407.00
Less: amount of priced publications sold during the year	19,856.00			22,81,228.09
	2,20,12,028.07		b) Office equipments	
<b>2. Excess of Income over expenditure</b>			Op. Balance	41,46,276.38
Opening Balance	33,96,609.19		Add. during the yr. (Plan)	35,748.00
Add. during the yr.	15,48,156.84			41,82,024.38
	49,44,766.03		c) Vehicle	
<b>3. Amount due to G.P.F. A/c</b>			Op. Balance	11,85,054.50
Opening Balance	—		d) Books	
Recovery made during the year	53,19,950.00		Op. Balance	8,50,157.16
Less: (remitted during the year)	53,26,381.00		e) Priced publication	
			Op. Balance	32,814.22
Minus balance, see in the Assets side	- 6,431.00		Add. during year	94,000.00
<b>4. Recovery made from Deputationists</b>				1,26,814.22
Recovery made during the year	35,820.00		Less. Pub. sold during the yr.	19,856.00
Less: (remitted during the year)	35,820.00			1,06,958.22
			f) Hospital equipments	
			Op. Balance	75,10,832.72
			Add. during the yr. (Plan)	16,69,665.00
				91,80,497.72
			g) Building A/c (Noida)	
			Opening Bal. (Noida)	20,43,297.00
<b>5. Income Tax payable</b>			Opening Bal. (Ooty)	4,83,840.00
Recovery made during the year				25,27,137.00
Less: (remitted during the yr.)	5,21,585.00		h) Donated Building (Puri)	
	5,21,585.00		Opening Bal.	6,01,716.00
			i) Assets donated by WHO	10,97,255.00
				2,20,12,028.07
<b>6. Insurance Fund account (Old scheme)</b>			<b>2. Advances Recoverable</b>	
Opening Balance	14,078.27		i) Travelling allowance	
Add: Intt. given by the bank	924.00		Op. Balance	44,100.70
	15,002.27		Less adjusted	44,100.70
Less: Amt. transferred to Gen. a/c	15,002.27			—
	15,002.27		Add granted during the year	38,050.00
<b>7. Amount due to Pension Fund account (No. 19806)</b>				38,050.00
Opening Balance	9,781.00		ii) L.T.C. Advance	
Add. during the yr.	7,576.00		Op. Balance	70,977.00
	17,357.00		Less adjusted	70,977.00
Less: trans. during the year	17,357.00			—
	17,357.00		Add granted during the year	20,500.00
<b>8. Group Insurance Fund a/c (New Scheme)</b>				20,500.00
Opening Balance	8,89,140.34		iii) Contingent advance	
Annual dipiction (now corrected)	8,88,540.19		Op. Balance	9,63,093.70
			Less adjusted	9,01,686.41
Amount payable to employees	600.15			61,407.29

Add: Final payment of GIS  
recd. from the LIC during  
the year

1,35,959.00

-----  
1,36,559.15

Less : payment made  
during the year

91,048.00

-----

45,511.15

Add granted during  
the year (Plan) 5,13,025.00  
Non-Plan 1,11,075.00

6,85,507.29

iv) Contingent advance for  
cultivation of plants

P.W.D. 7,88,166.00

Unit 2,03,764.00

-----  
9,91,930.00

Less adjusted  
during the yr. 1,09,009.00

8,82,921.00

v) Cont. advance for  
AIDS Research(NACO)

Granted during  
the year 1,65,000.00

1,65,000.00

vi) Scooter advance

Op. Balance 3,98,575.00

Add granted  
during the yr. 89,000.00

-----  
4,87,575.00

Less recovered  
during the yr. 1,14,888.00

3,72,687.00

vii) Cycle Advances

Op. Balance 5,360.00

Add granted  
during the yr. 600.00

-----  
5,960.00

Less recovered  
during the yr. 2,960.00

3,000.00

viii) Festival Advances

Op. Balance 30,560.00

Add Granted  
during the yr. 1,02,200.00

-----  
1,32,760.00

Less recovered  
during the yr. 1,18,960.00

13,800.00

ix) Flood Advance

Op. Balance 1,155.00

Add granted  
during the yr. 1,000.00

-----  
2,155.00

Less recovered  
during the yr. 920.00

1,235.00

x) Pay Advance

Op. Balance —

Add Granted  
during the yr. 6,400.00

-----  
6,400.00

Less recovered  
during the yr. 6,400.00

----

xi) Fan Advance

Op. Balance 400.00

Add granted  
during the yr. —

-----  
400.00

Less recovered  
during the yr. 400.00

----

xii) Computer Advance		
Op. Balance	76,700.00	
Add granted during the yr.	—	
	-----	
	76,700.00	
Less recovered during the yr.	17,850.00	
	-----	58,850.00
xiii) Car Advance		
Op. Balance	2,43,162.00	
Add granted during the yr.	56,000.00	
	-----	
	2,99,162.00	
Less recovered during the yr.	54,159.00	
	-----	2,45,003.00
3. Pre-paid expenses		
GIS premium paid		
Op. Balance	23,160.00	
Adjusted during the yr.	23,160.00	
	-----	
	---	
Add paid during the year	19,555.00	
	-----	19,555.00
4. Advance with other Deptts.		
a) Adv. with DAVP		20,000.00
5. Securities (Paid)		
- H.P. Board, Shimla (O.B.)	950.00	
- Electricity Deptt. (O.B.)	30.00	
- Speedways Service Centre (O.B.)	6,500.00	
- Puri Elec. Division, OSEB (O.B.)	2,040.00	
- R.R.I., Gudivada (O.B.)	10,000.00	
- C.R.I., Kottayam (O.B.)	5,000.00	
	-----	24,520.00
<i>c. Sundry debtors</i>		
Op. Balance	3,500.00	
Less recovered during the yr.		
(Dr. Shakti Das)	3,000.00	
	-----	
Balance CRU, Vijayawada	500.00	500.00
7. Amount recoverable from staff on a/c of G.I.S. premium		
Op. Balance	9,715.00	
Added during the yr.	2,78,640.00	
	-----	
	2,88,355.00	
Less recovered during the yr.	2,82,990.00	
	-----	5,365.00
8. Group Insurance Fund with L.I.C. of India (New Scheme)		
Opening Balance	8,88,540.19	
Less: irregular depiction of figure, now corrected	8,88,540.19	
	-----	
9. Ins. Fund (at Andhra Bank)		
Op. Bal.	14,078.27	
Add: Intt. given by the Bank	924.00	
	-----	
	15,002.27	
Less amount fwd. to Gen a/c.	15,002.27	
	-----	
10. L/C Account		
Op. Balance	73,000.00	
Less adjusted during the yr.	73,000.00	
	-----	
11. Amount due from GPF a/c.		
		6,431.00

12. Closing Balance

CCRH (Bank Bal.)

- Plan	51,313.00	
- Non-Plan	2,48,235.89	
	-----	2,99,552.89
- Re-orientation Trg. prog.		56,000.00
- NACO		20,05,000.00

Imprest Advance

- Op. Balance	64,700.00	
Add granted during the yr.	2,100.00	
	-----	66,800.00
		-----
		24,27,352.89

TOTAL..... Rs.2,70,02,305.25

TOTAL..... Rs. 2,70,02,305.25

CENTRAL COUNCIL FOR RESEARCH IN HOMOEOPATHY

RECEIPT & PAYMENT ACCOUNT FOR THE YEAR ENDING 31.3.1996 IN RESPECT OF GENERAL PROVIDENT FUND

S.No.	RECEIPTS	AMOUNT	No.	Sl. PAYMENTS	AMOUNT
1.	Opening Balance Saving Bank Account at S.B.I.		3,56,261.40	1. Payment on a/c of GPF advances and withdrawal made during the year	32,07,470.00
2.	Amount received from General a/c on account of G.P.F. Subs. of the Staff of the Council		53,19,950.00	2. S.T.D.Rs.purchased during the yr.	1,50,00,000.00
3.	Amount of S.T.D.Rs. matured during the year and encashed		1,17,41,020.00	3. Closing Balance S.B. a/c at S.B.I.	4,40,034.40
4.	Interest recd. on S.T.D.Rs. and S.B. A/c S.T.D.R. 12,18,802.00 S.B. a/c 5,040.00 -----		12,23,842.00		
5.	Amount due to General A/c from G.P.F. A/c.		6,431.00		
TOTAL.....		Rs.1,86,47,504.40		TOTAL.....	Rs.1,86,47,504.40

CENTRAL COUNCIL FOR RESEARCH IN HOMOEOPATHY  
BALANCE SHEET AS ON 31.3.1996 IN RESPECT OF GENERAL PROVIDENT FUND ACCOUNT

LIABILITIES	AMOUNT	ASSETS	AMOUNT
1. General Provident Fund Capital A/c		1. Investment account	
i) Op. Balance	1,43,40,026.40	Op. Balance	1,60,41,020.00
ii) Add GPF subscription of the staff tfd. from general a/c	53,19,950.00	Less amount of S.T.D.Rs. matured & encashed during the year	1,17,41,020.00
iii) Add Intt. allowed on GPF a/c of the subscribers	16,81,295.00	Add S.T.D.Rs. purchased during the year	43,00,000.00
Less withdrawls	2,13,41,271.40		1,50,00,000.00
Payment of GPF adv. and final withdrawls	32,07,470.00	2. Closing Balance	
	1,81,33,801.40	Saving Bank A/c no.10142 at S.B.I.	4,40,034.40
2. Excess amount of intt. recd. on S.T.D.Rs.			
i) Opening Balance	20,57,255.00		
ii) Intt. recd. during the year	12,23,842.00		
iii) Less Intt. allowed on GPF Accounts of the subscriber	16,81,295.00		
	15,99,802.00		
3. Amount due to Genral Account on account of excess remittance to GPF account his G.P.F. Account	6,431.00		
	TOTAL..... Rs.1,97,40,034.40		TOTAL... Rs.1,97,40,034.40

CENTRAL COUNCIL FOR RESEARCH IN HOMOEOPATHY  
RECEIPT & PAYMENT ACCOUNT FOR THE YEAR ENDING 31.3.1996 IN RESPECT OF PENSION FUND ACCOUNT

S.No. RECEIPTS	AMOUNT	Sl. No. PAYMENTS	AMOUNT
1. Opening Balance Saving Bank Account at S.B.I. No.19806	5,32,500.47	1. Pension payment made during the year	3,12,664.00
2. Amount received from other Deptts. on a/c of pension contribution in r/o deputationists during the year and tfd. from Gen. A/c.	7,556.00	2. Payments made during the year on a/c of DCRG & Comm. value	49,969.00
3. Interest recd. on STDRS & S.B. A/c.	2,16,268.00	3. STDRs purchased during the yr.	22,00,000.00
4. S.T.D.Rs matured and encashed during the year	28,00,000.00	4. Amt. paid to Dr. MVSSS Sastry	70,640.00
5. Amount transfered from Gen. A/c.	9,781.00	5. Amt. transfered to General A/c.	8,00,000.00
		6. Closing Balance Saving Bank account at S.B.I.	1,32,852.47
	TOTAL..... Rs. 35,66,125.47		TOTAL... Rs.35,66,125.47

**CENTRAL COUNCIL FOR RESEARCH IN HOMOEOPATHY**  
**BALANCE SHEET AS ON 31.3.1996 IN RESPECT OF PENSION FUND ACCOUNT**

LIABILITIES	AMOUNT	ASSETS	AMOUNT
1. Pension Fund Account		1. Investment account	
i) Op. Balance	24,71,641.47	Op. Balance	20,00,000.00
ii) Add amount of Intt. recd. on STDRs & S.B. A/cs.	2,16,268.00	STDRs Purchased during the yr.	22,00,000.00
iii) Pension contribution in r/o Deputationists recd. from other Deptts. during the year	7,576.00	Less STDRs matured and encashed during the year	42,00,000.00
	-----		28,00,000.00
	26,95,485.47	2. Amount due to Pension A/c from General A/c	
Less pm. DCRG & commutation value	3,12,664.00	Opening balance	9,781.00
value	49,969.00	Less recd. during the year	9,781.00
Amt. tfd. to Gen. A/c	8,00,000.00		-----
	-----	3. Closing Balance	
	11,62,633.00	S.B. A/c No.19806 at SBI	1,32,852.47
	-----		
	15,32,852.47		
2. Amount payable to Dr. Sastry			
Opening Balance	70,640.00		
Paid during the yr.	70,640.00		
	-----		
	----		
	TOTAL..... Rs. 15,32,852.47		TOTAL... Rs.15,32,852.47