

ANNUAL REPORT
AND
AUDITED ACCOUNTS
1991-92



CENTRAL COUNCIL FOR RESEARCH IN HOMOEOPATHY
NEW DELHI

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I N T R O D U C T I O N

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 these tasks, the Council was greatly guided and assisted by the Governing Body, Standing Finance Committee and Specialised Committees such as Scientific Advisory Committee, Programme Evaluation and Monitoring Committee and Working Groups.

The Council continued its research activities in the field of Clinical Research (including Tribal and Epidemics), Clinical Verification, Drug Proving, Drug Research and Standardisation including Survey & Collection of Medicinal Plants, Literary Research and Documentation 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. Six lakh seventy six thousand seven hundred and twelve (6,76,712) cases have been treated during this financial year. This includes the OPD attendance, research cases, cases treated in tribal areas, clinical verification and epidemic camps. The tribal units have surveyed thirty five thousand five hundred and fifty five (35,555) tribal population.

The Standing Finance Committee (SFC) met once during this year on 22nd Nov. 1991 at New Delhi. While considering various proposals submitted by the Council, the SFC expressed satisfaction that the Central Council for Research in Homoeopathy has been able to fully utilise the funds sanctioned by the Ministry of Health and Family Welfare.

The meeting of the Scientific Advisory Committee (SAC) was held on 18th & 19th July, 1991 at New Delhi. The Committee reviewed the various proposals of the Council on the ongoing as well as future programmes. The SAC is assisted by the various Working Groups.

The Working Group for Clinical Research held its meeting on 26th December, 1991 at New Delhi, for Drug Proving and Verification on 1st and 2nd July, 1991 at Drug Proving Research Units, Calcutta & Midnapore, for Drug Research & Standardisation on 5th October, 1991 at Homoeopathic Drug Research Institute, Lucknow and for Literary Research on 12th and 13th April, 1991, 11th & 12th July, 1991 & 28th & 29th November, 1991 at New Delhi.

The Council continued the disease-oriented and drug related clinical research on 35 clinical projects through its twenty (20) Institutes/Units situated in various parts of India, on the already formulated and implemented protocol and standard case taking proformae so as to obtain uniform data through systematic studies. The project on Human immunodeficiency virus (HIV) infection/AIDS is being studied in collaboration with Indian Council of Medical Research.

The study on the project Human immunodeficiency virus (HIV) infection was continued during this year also at Regional Research Institute for Homoeopathy, Bombay (from May 1989) and Clinical Research Unit, Madras (from October 1991). The study at Madras is in collaboration with the Institute of Venereology, Government General Hospital. During the year 1991-92, 39 asymptomatic HIV carriers were registered for study. A total of 12 individuals (3 in 1991-92 and 9 in 1990-91) have so far given a non-reactive response to ELISA after homoeopathic-treatment varying from 3-16 months. Sera of 2 of these 12 individuals which could be subjected to the repeat Western Blot did not react to repeat Western Blot test. The initial results necessitate further immunological and virological evaluation. While no definitive observations can possibly be offered on the basis of initial findings, it may be surmised that homoeopathic drugs may play an effective role in the management and treatment of the asymptomatic phase of HIV infection as symptom free clinical status of the 12 anti-HIV sero-reverted individuals suggest.

Filaria and Malaria, being studied by the Council are important from the national health point of view. Rhus, Bryonia, Sulphur and Apis mellifica were found to be the most frequently indicated and useful medicines in cases of Filariasis amongst the ten identified group of medicines. It was observed that inflammatory stage of Filaria is amenable to the above mentioned drugs. China arsenicosum, China sulphuricum, Arsenic album, Gelsemium, Pulsatilla, China officinalis, Natrum muriaticum and Caesalpinia bonducella have been found most effective in the treatment of malaria. Hundred (100) cases were positive for malaria parasite in the blood before the treatment. After the treatment the blood test for the parasite was negative.

The Council, in order to obtain confirmatory symptomatic data, has taken up drug related research studies for those diseases where a group of effective medicines have been identified for that particular disease under the disease oriented clinical research programme. Some of the drug related projects are Amoebiasis, Behavioural disorders, Bronchial Asthma, Cervicitis & Cervical Erosion, Diabetes Mellitus, Filaria, Helminthiasis, Intermittent fever and Vitiligo.

The Clinical Research Units in tribal areas have also continued the drug-related clinical research studies. Eighteen (18) research projects on various diseases found prevalent in that particular region during the survey.

The Council undertook research-cum-treatment studies in the wake of breakout of epidemic of Japanese Encephalitis in the Districts of Deoria, Basti, Maharajganj and Gorakhpur, Eastern U.P. from 29th October, 1991 to 16th Nov. 1991. Three lakhs twenty two thousand eight hundred and twelve (3,22,812) persons in 96 villages were given Bell. 200 single dose as prophylactic through Gram Pradhans, School teachers, Lekhpals, Primary Health Centres etc. Follow up of two lakhs forty nine thousand one hundred fourteen persons (2,49,114) belonging to 14 villages was done and none of them reported signs and symptoms of Japanese Encephalitis. Fourteen (14) cases of the sequelae of Japanese Encephalitis discharged from various hospitals and PHC's were prescribed homoeopathic medicines. After the treatment it was seen that there was total recovery in ten (10) cases and the remaining showed marked degree of improvement.

A research-cum-treatment studies on Kala Azar have been started at Muzaffarpur (Bihar) from March, 1991. One hundred and two cases have been registered from study. All these cases were diagnosed cases of Kala Azar and were referred by the Govt. Hospitals, private allopathic physicians and nursing homes at Muzaffarpur. These cases had been declared resistant to allopathic drugs. The homoeopathic medicines were prescribed on the basis of totality of symptoms. After the treatment improvement in varying degrees has been noticed in 55 cases in subjective as well as pathological findings. They are being followed up. The results are encouraging, the studies are continued.

Two research-cum-treatment studies in the epidemic of Kala Azar at Hooghly & Burdwan Distt. of West Bengal from January, 1989 and of Meningitis at Sagar (M.P.) from April 1989 were concluded in July, 1991 as no new cases were reported from these areas. A significant achievement has been made in the epidemic of Meningitis at Sagar. The prophylactic was given to 10 lakh persons and follow up was done which revealed that none of the persons reported any signs and symptoms of Meningitis. Three hundred and twenty seven (327) cases admitted in the District Hospital, Sagar were given homoeopathic medicines showed considerable decrease in morbidity mortality and rate as certified by the Civil Surgeon of the Distt. Hospital, Sagar.

The proving of new remedies and reproving of existing ones in order to expand the therapeutic armamentarium was continued this year. Thirty two (32) drugs have been proved so far. The data of four (4) drugs has been published in the form of Monographs and twenty two (22) drugs have published in various issues of the CCRH Quarterly Bulletin. During this year proving of two (2) drugs has been completed and of three more drugs was in the last stages. The compiled data of the provings of three (3) drugs viz. Azadirachta indica, Tylophora indica and Curcuma longa approved by the Working Group of Drug Proving were published in the Vol.13(1&2) 1991 issue of the CCRH Quarterly Bulletin for the use of the profession.

The clinical verification of the symptomatology of sixty two (62) drugs including sixteen (16) drugs proved by the Council was continued. 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 the verification trials. The additional symptoms of some of the drugs found relieved in more than eight number of cases have been compiled from the reports of the Institutes/Units where these studies are being undertaken, has been published in the CCRH Quarterly Bulletin Vol.13(3&4) 1991 for the use of profession. This data, on reconfirmation by the profession will further enrich the drug pathogenesis of the drug.

The barbed wire fencing of the 12.70 acres of land allotted to the Council on lease basis by the Govt. of Tamilnadu for cultivation of homoeopathic medicinal plants has been completed. About 500 saplings of Cineraria maritima Linn. have been procured and planted in an area of 2 acres specially cleared for this purpose. The Council is also exploring the possibilities for cultivating the other two homoeopathic plants viz. Arnica montana and Hydrastis canadensis, as proposed by the Ministry of Health & Family Welfare, Govt. of India.

The Central Council for Research in Homoeopathy utilises every opportunity to participate in All India/International Homoeopathic Conferences/Seminars and put up exhibition with a view to disseminate the research findings, as research is fruitful only when the findings obtained during the course of study are made known to the profession. These activities are also video recorded. Keeping this in view the scientists of the Council presented papers on its various research activities at Asansol from 17th January to 18th January, 1992 and at Ahmedabad in November 1991. An exhibition depicting the activities of Homoeopathic Drug Research Institute, Lucknow was organised at Dhanbad from 26th to 29th December, 1991. The Council has also made available these Video cassettes for wider use of the profession. At present it has a library of 13 video cassettes. This had an overwhelming response and many orders have been received.

With the procurement of Computers, the data related to Clinical Research, Clinical Verification, Drug Proving, Literary Research, Documentation, Library and other administrative works are fed in the Computer for easy retrieval processing and monitoring of data. To keep the scientists abreast of the advancement in the field of Computers with particular emphasis on Homoeopathy, a six days Workshop-cum-Training was organised from 6th May to 11th May, 1991 at the Council Hqs., New Delhi

The actual expenditure of the Council in the year 1991-92 under the Plan was 127.59 lakhs and under Non-Plan was 107.80 lakhs.

The Council has during this year also stressed on consolidation and strengthening of existing schemes in rather than on expansion in order to take further steps in the direction of achieving its objectives.

(DR. D.P. RASTOGI)
DIRECTOR

PART - I

ORGANISATION

- Governing Body
- Standing Finance Committee
- Scientific Advisory Committee
- Programme Evaluation and Monitoring Committee
- Working Groups

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, 1992 the membership of the Society and Governing Body of the Council was as under:

GOVERNING BODY

- | | |
|--|-----------|
| 1. Smt. D.K. Thara Devi Siddhartha
Union Minister of State
for Health & Family Welfare,
Nirman Bhawan,
NEW DELHI | President |
| 2. Secretary,
Ministry of Health &
Family Welfare,
Nirman Bhawan,
NEW DELHI | Member |
| 3. Joint Secretary (FA),
Ministry of Health &
Family Welfare,
Nirman Bhawan,
NEW DELHI | " |
| 4. Dr. V.T. Augustine
Advisor (Homoeo)
Ministry of Health &
Family Welfare,
Nirman Bhawan,
NEW DELHI | " |
| 5. Dr. B.N. Chakraborty
5, Subal Kolay Lane,
HOWRAH (W.B.) | " |
| 6. Dr. Anil R. Bhatia
803/4, Stellar Tower
Lokhandwala Complex
Four Bungalows,
Andheri(W),
BOMBAY | " |

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|---|------------------|
| 7. Dr. Ravi M. Nair
Prem Nilay, Attukal,
Maniakuddu
P.O. Trivandrum,
KERALA | Member |
| 8. Dr. S.M. Sharma
102, New Road,
RATLAM (M.P.) | " |
| 9. Dr. B.K. Bhatnagar
807, Tram Terminus,
Subzi Mandi,
DELHI | " |
| 10. Prof. S.D. Seth
Professor of Pharmacology,
AIIMS, Ansari Nagar,
NEW DELHI | " |
| 11. Prof. M.K. Prasad
Pro-Vice Chancellor,
Calicut University,
CALICUT | " |
| 12. Dr. R.S. Thakur
Director, CIMAP,
Post Bag No.1,
Ram Sagar Mishra Nagar,
Indira Nagar,
LUCKNOW | " |
| 13. Dr. P.D. Nigam
Senior Cardiologist,
Dr. Ram Manohar Lohia Hospital,
NEW DELHI | " |
| 14. The Director
National Institute of
Homoeopathy,
118, Amherst Street,
CALCUTTA | " |
| 15. Dr. D.P. Rastogi
Director,
Central Council for
Research in Homoeopathy,
B-1/6, Community Centre,
Janakpuri,
NEW DELHI | Member-Secretary |

STANDING FINANCE COMMITTEE

- | | |
|--|------------------|
| 1. Joint Secretary/Director/
Deputy Secretary
Incharge of ISM,
Ministry of Health
and Family Welfare,
Nirman Bhawan,
NEW DELHI | Chairman |
| 2. Joint Secretary(FA)/
Deputy Secretary(IF)
Ministry of Health
and Family Welfare,
Nirman Bhawan,
NEW DELHI | Member |
| 3. Dr. B.N. Chakarborty
5, Subal Kolay Lane,
HOWRAH (W.B.) | " |
| 4. Director
Central Council for Research
in Homoeopathy,
B-1/6, Community Centre,
Janakpuri,
NEW DELHI | Member-Secretary |

The 23rd meeting of the Standing Finance Committee was held on 22nd Nov. 1991 at New Delhi.

SCIENTIFIC ADVISORY COMMITTEE

- | | |
|---|----------|
| 1. Dr. B.N. Chakraborty
5, Subal Kolay Lane,
HOWRAH(W.B.) | Chairman |
| 2. Dr. Anil R. Bhatia
803/4, Stellar Tower
Lokhandwala Complex
Four Bungalows,
Andheri (W).
BOMBAY | Member |
| 3. Dr. R.K. Kapoor
Flat No.33,
Block No.5
Nawab Yusuf Road
(Civil Lines)
ALLAHABAD (U.P.) | " |

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|---|------------------|
| 4. Dr. S. Haque
R.B.T.S. Homoeopathic
Medical College,
MUZAFFARPUR (BIHAR) | Member |
| 5. Dr.V.K. Gupta
Principal,
Nehru Homoeopathic Medical
College & Hospital,
B-Block, Defence Colony,
NEW DELHI | " |
| 6. Dr. K.V. John
B-11, Jawahar Nagar,
TRIVANDRUM (KERALA) | " |
| 7. Dr. Mohammad Qasim
Aziza Building,
1, Basti Nizamuddin (West),
NEW DELHI | " |
| 8. Dr. B.M. Sharma
36, Delhi Admn. Flats,
Greater Kailash Part-I,
NEW DELHI | " |
| 9. Dr. V.T. Augustine
Advisor (Homoeo),
Ministry of Health
and Family Welfare,
Nirman Bhawan,
NEW DELHI | " |
| 10. Dr. D.P. Rastogi
Director,
Central Council for Research
in Homoeopathy,
B-1/6, Community Centre,
Janakpuri,
NEW DELHI | Member-Secretary |

The 25th meeting of Scientific Advisory Committee was held on 18th & 19th July, 1991 at CCRH Hqs., New Delhi.

PROGRAMME EVALUATION AND MONITORING COMMITTEE

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|--|----------|
| 1. Dr. M.P. Arya
Principal,
D.S. Homoeopathic
Medical College,
23, Karve Road,
PUNE (MAHARASHTRA) | Chairman |
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|---|------------------|
| 2. Dr. B.N. Chakraborty
5, Subal Kolay Lane,
HOWRAH (W.B.) | Member |
| 3. Dr. B.K. Bhatnagar
807, Tram Terminus,
Subzi Mandi,
DELHI | " |
| 4. Dr. K.Z. George
J-3, Jawahar Nagar,
TRIVANDRUM (KERALA) | " |
| 5. Capt. Dr. D. Kumar
Brighton View,
Cart Road,
SHIMLA (H.P.) | " |
| 6. Dr. P.N. Varma
Director,
Homoeopathic Pharmacopoeia
Laboratory,
C.G.O. Complex,
Near Hapur Chungi,
GHAZIABAD (U.P.) | " |
| 7. Dr. N. Krishna Rao
N.V.S.R. Memorial Homoeo.
Hospital & Research Centre,
Plot No.28, Sri Nagar Colony,
HYDERABAD (A.P.) | " |
| 8. Dr.(Mrs.) G.V. Satyavati
Sr. Deputy Director General,
ICMR, Ansari Nagar,
NEW DELHI | " |
| 9. Dr. V.T. Augustine
Advisor (Homoeo)
Ministry of Health
and Family Welfare,
Nirman Bhawan.
NEW DELHI | " |
| 10. Dr. D.P. Rastogi
Director,
Central Council for Research
in Homoeopathy,
B-1/6, Community Centre,
Janakpuri,
NEW DELHI | Member-Secretary |

WORKING GROUPS

Clinical Research

1. Dr. Jugal Kishore
86, Golf Links,
NEW DELHI
2. Dr. P.D. Nigam
Senior Cardiologist,
Dr. Ram Manohar Lohia
Hospital,
NEW DELHI
3. Dr. D. Sengupta
Head of the Department
of Medicine,
Dr. Ram Manohar Lohia
Hospital,
NEW DELHI
4. Dr. Dewan Harish Chand
1, Hanuman Lane,
NEW DELHI
5. Dr. M. Kutumba Rao
Satya Narain Puram,
VIJAYAWADA (A.P.)
6. Dr. S. Haque
R.B.T.S. Homoeopathic
Medical College,
MUZAFFARPUR (BIHAR)
7. Dr. Anil R. Bhatia
803/4, Stellar Tower,
Lokhandwala Complex,
Four Bungalows, Andheri (W),
BOMBAY
8. Dr. P. Pandey
B-175, Shastri Nagar,
MEERUT (U.P.)
9. Dr. K.G.K. Sastry
Principal,
Dr. Gururaju Govt. Homoeopathic
Medical College & Hospital,
GUDIVADA (A.P.)

Chairman

Member

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10. Dr. Mohammad Qasim
Aziza Building,
1, Basti Nizamuddin (W),
NEW DELHI

Member

11. Dr. B.N. Chakraborty
5, Subal Koiay Lane,
HOWRAH (W.B.)

"

12. Dr. V.T. Augustine
Advisor (Homoeo),
Ministry of Health
and Family Welfare,
Nirman Bhawan,
NEW DELHI

"

13. Dr. D.P. Rastogi
Director,
Central Council for Research
in Homoeopathy,
B-1/6, Community Centre,
Janakpuri,
NEW DELHI

Member-Secretary

The 6th meeting of the Working Group on Clinical Research was held on 26th Dec. 1991 at CCRH Hqs., New Delhi.

Drug Proving and Clinical Verification

1. Dr. Dewan Harish Chand
1, Hanuman Lane,
NEW DELHI
2. Dr. Jugal Kishore
86, Golf Links,
NEW DELHI
3. Dr. A.C. Saxena
A-3/3, Corporation Flats,
Nirala Nagar,
LUCKNOW (U.P.)
4. Dr. B.E. Patel
Principal,
C.M.P. Homoeopathic Medical
College & Hospital,
Irla Naka, Ville Parle(W),
BOMBAY
5. Dr. R.M. Nair
Prem Nilay, Attukal,
Maniakuddu
P.O. Trivandrum (KERALA)

Chairman

Member

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| 6. Dr. Girendra Pal
Principal,
Dr. Madan Pratap Khuteta
Rajasthan Homoeopathic
Medical College & Hosital,
Station Road,
JAIPUR (RAJASTHAN) | Member |
| 7. Dr. G.K. Kohli
Registrar, S.C.H.,
SHIMLA (H.P.) | " |
| 8. Dr. B.N. Chakraborty
5, Subal Kolay Lane,
HOWRAH (W.B.) | " |
| 9. Dr. V.T. Augustine
Advisor (Homoeo),
Ministry of Health
and Family Welfare,
Nirman Bhawan,
NEW DELHI | " |
| 10. Dr. D.P. Rastogi
Director,
Central Council for Research
in Homoeopathy,
B-1/6, Community Centre,
Janakpuri,
NEW DELHI | Member-Secretary |

The 6th meeting of the Working Group on Drug Proving and Verification was held on 1st and 2nd July 1991 at Drug Proving Research Units at Calcutta and Midnapore respectively.

Drug Research and Standardisation

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|--|----------|
| 1. Dr. K.P. Muzumdar
'Vivek',
105 TPS-III, 14th Road,
Bandra,
BOMBAY | Chairman |
| 2. Dr. R.S. Thakur
Director,
CIMAP, Post Bag No.1,
Ram Sagar Mishra Nagar,
Indira Nagar,
LUCKNOW (U.P.) | Member |
| 3. Dr. A.C. Saxena
A-3/3, Corporation Flats,
Nirala Nagar,
LUCKNOW (U.P.) | " |

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|---|------------------|
| 4. Dr. P.N. Varma
Director,
Homoeopathic Pharmacopoeia
Laboratory,
C.G.O. Complex,
Near Hapur Chungi,
GHAZIABAD (U.P.) | Member |
| 5. Prof. M.K. Prasad
Pro-Vice Chancellor,
Calicut University,
CALICUT (KERALA) | " |
| 6. Prof. S.D. Seth
Professor of Pharmacology,
AIIMS, Ansari Nagar,
NEW DELHI | " |
| 7. Dr. A.K. Seth
B-II/11, Vasant Vihar,
NEW DELHI | " |
| 8. Dr. S.S. Kochhar
Central Homoeo & Education
Research Institute,
293, WHC Road,
Dharampet,
NAGPUR | " |
| 9. Dr. B.N. Chakraborty
5, Subal Kolay Lane,
HOWRAH (W.B.) | " |
| 10. Dr. V.T. Augustine
Advisor (Homoeo),
Ministry of Health
and Family Welfare,
Nirman Bhawan,
NEW DELHI | " |
| 11. Dr. D.P. Rastogi
Director,
Central Council for Research
in Homoeopathy,
B-1/6, Community Centre,
Janakpuri,
NEW DELHI | Member-Secretary |

The 4th meeting of the Working Group on Drug Research & Standardisation was held on 5th October, 1991 at Homoeopathic Drug Research Institute, Lucknow. A meeting of the local members of the Working Group was held on 12th August, 1991 at CCRH Hqs., New Delhi.

Literary Research

1. Dr. S.K. Dubey
FD-393, Sector III,
Salt Lake City,
CALCUTTA (W.B.)
2. Dr. K.N. Kasad
A.H. Wadia Baugh,
3/10 Parel Tank,
BOMBAY
3. Dr. R.K. Kapoor
Flat No.33, Block No.5,
Nawab Yusuf Road,
(Civil Lines),
ALLAHABAD (U.P.)
4. Dr. M.P. Arya
Principal,
D.S. Homoeopathic Medical
College,
23, Karve Road,
PUNE (MAHARASHTRA)
5. Dr. V.K. Gupta
Principal,
Nehru Homoeopathic Medical
College & Hospital,
B-Block, Defence Colony,
NEW DELHI
6. Dr. Basanti Gupta
203/1, Bidhan Sarani
CALCUTTA (W.B.)
7. Dr. N. Sudhakar Reddy
Additional Director,
Directorate of ISM & H,
Near Gandhi Bhawan,
HYDERABAD (A.P.)
8. Dr. B.N. Chakraborty
5, Subal Kolay Lane,
HOWRAH (W.B.)
9. Dr. V.T. Augustine
Advisor (Homoeo),
Ministry of Health
and Family Welfare,
Nirman Bhawan,
NEW DELHI

Chairman

Member

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10. Dr. D.P. Rastogi
Director,
Central Council for Research
in Homoeopathy,
B-1/6, Community Centre,
Janakpuri,
NEW DELHI

Member-Secretary

The 15th, 16th and 17th meetings of the Working Group on Literary Research were held on 12th & 13th April, 1991, 14th & 12th July, 1991 and 28th & 29th Nov. 1991 respectively at CCRH Hqs., New Delhi.

ORGANISATIONAL NETWORK

There is one Central Research Institute, three Regional Research Institutes, one Homoeopathic Research Institute, one Homoeopathic Drug Research Institute, three Clinical Verification Units, fourteen 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 (1990-91) (in lakhs)	B.E. 1991-92 (in lakhs)	R.E. 1991-92 (in lakhs)	Actual Expenditure (1991-92) (in lakhs)
PLAN	125.00 (Incl. AIDS & NPA)	100.00	119.00 (Incl. of Rs.4.00 lakhs for AIDS & Rs.5.00 lakhs for August Nur- sing Home)	127.59
NON-PLAN	107.00 (Inc. NPA)	99.50	100.50	107.80
TOTAL	232.00	199.50	219.50	235.39

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 medicinal 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 wherein 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 six (36) 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 homoeopathic remedies. Another twenty one (21) Clinical Research Units functioning in tribal areas have also continued the Clinical studies on eighteen (18) Research Projects on various diseases besides the survey of tribal population. 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:-

Disease-oriented 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 1991-92

1.1. Disease oriented Clinical Research Projects

1.2. Drug related Clinical Research Projects

1.1. Disease oriented

- 1.1.1. Allergic rhinitis
- 1.1.2. Amoebiasis
- 1.1.3. Behavioural disorders
- 1.1.4. Bronchial asthma
- 1.1.5. Cervicitis and Cervical erosion
- 1.1.6. Diabetes mellitus
- 1.1.7. Drug de-addiction
- 1.1.8. Dysentery
- 1.1.9. Epilepsy
- 1.1.10. Filariasis
- 1.1.11. Human Immunodeficiency Virus (HIV) Infection
- 1.1.12. Hypertension
- 1.1.13. Malaria
- 1.1.14. Malignant disease
- 1.1.15. Osteoarthritis
- 1.1.16. Peptic ulcer
- 1.1.17. Renal calculi
- 1.1.18. Rheumatoid arthritis
- 1.1.19. Sickle cell anaemia
- 1.1.20. Sinusitis
- 1.1.21. Skin disorders (including Allergic dermatitis Psoriasis)
- 1.1.22. Tonsillitis
- 1.1.23. Vitiligo

1.2. Drug-related Research Projects

- 1.2.1. Amoebiasis : Achyranthes aspera, Aegle folia, Aegle marmelos, Arsenicalbum, Atista indica, Cinchona officinalis, Colchicum, Colocynthis, 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 : Ammonium 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, Pituitrin, 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. Gall stones : Fel tauri 2X or 3X
- 1.2.8. Helminthiasis : Chelone, Cina, Cuprum oxydatum nigrum, Embelia ribes, Teucrium marum verum, Thymol.
- 1.2.9. Intermittent Fever : Alstonia constricta, Amooro rohituka, Apis mellifica, Arsenicum album, Caesalpinia bonducella, Chininum arsenicosum, Chininum sulphuricum, Cinchona officinalis, Eupatorium perfoliatum, Gelsemium, Gentiana chirata, Ipecacuanha, Natrum muriaticum, Nyctanthes arbortristis, Vitex negundo

- 1.2.10. Malposition of human foetus : Pulsatilla nigra 200
- 1.2.11. Menorrhagia : Ficus religiosa Q
- 1.2.12. 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.	Helminthiasis	Homoeopathic Research Institute, Jaipur, Rajasthan
6.	Osteoarthritis	Regional Research Institute, Gudivada, Andhra Pradesh
7.	Skin disorders	Regional Research Institute, New Delhi.

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 fag end of the reporting year.

MEDICAL AID PROVIDED AS BYE-WAY OF CLINICAL RESEARCH IN 1991-92

The Council has continued to provide medicare through research in Out Patient Department (OPD) of the various 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	:	85,018
Old cases reported	:	2,69,601
TOTAL	:	3,54,619

ii) Research cases*

New cases	:	4,961
Old cases	:	2,866
TOTAL	:	7,827*

* Cases included under A(i)

B. Tribal areas	
i) O.P.D. attendance	: 2,22,439
ii) Research cases	: 3,458**
C. Epidemic	
i) Cases treated in Epidemic camps	: 275
ii) Cases treated in O.P.D.	: 12,552
D. Cases treated in Clinical Verification Units	
i) New cases	: 29,462
ii) Old cases (under follow up)	: 57,365
TOTAL NUMBER OF CASES TREATED	: 6,76,712
OTHERS	
1. Distribution of Homoeopathic medicine as a preventive during epidemics	
2. Population surveyed in tribal areas	: 3,24,192 persons
3. Incidental medical care in tribal areas	: 35,555 persons
	: 10,303

** Cases included under B(i)

1.1. DISEASE ORIENTED CLINICAL RESEARCH

1.1.1. ALLERGIC RHINITIS

Allergic rhinitis has been undertaken at Regional Research Institute for Homoeopathy, Bombay from April, 1989. Since inception of the project ninety eight (98) cases have been registered.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases	50
Improvement indices	
- cured	Nil
- improved	
- markedly	23
- moderately	05
- mildly	02
- not improved	01
- not reported	11
- dropped out	01
- under observation	07

MEDICINES FOUND EFFECTIVE

<u>Name of medicine</u>	<u>Potency</u>	<u>No. of Cases * found effective in</u>
Ammonium carbonicum	30	04
	200	01
Arsenicum album	30	08
	200	04
	1M	04
	10M	01
Arsenicum iodatum	30	05
	200	05
	1M	02
Bryonia alba	30	05
	200	04
Hepar sulphuris calcareum	1M	01
	30	03
Histaminum	200	04
	1M	04
	30	03
Natrum muriaticum	200	02
	30	06
Nux vomica	200	03
	1M	01
Pulsatilla	30	02
	200	08
	1M	01

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

OBSERVATIONS

Forty eight(48) percent cases were only of allergic rhinitis and though the remaining cases were of allergic but associated with Sinusitis (03 cases), deviated nasal septum (06 cases), polyp (02 cases) & sinusitis with deviated nasal septum (05 cases). Positivity for multiple allergens were found in 54% cases and IgE level was found raised (240-2000 I.U.) in 48% of cases. During the course of studies, it is observed that the homoeopathic medicines mentioned above were found useful in treatment of allergic rhinitis as they helped not only in reducing the severity of the symptoms but also in their disappearance. No positive reaction to the allergens were reported in 15 new and 07 old (under follow-up) cases which were positive prior to treatment. Beside this, the IgE level was found within normal limits in 02 new and 08 old (under follow up) cases which were raised prior to treatment.

FUTURE PROGRAMME

The project is to continue.

1.1.2. AMOEBIASIS

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

Nine hundred and fifty eight (958) cases of amoebiasis were registered since inception of the project.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied	: 63
Improvement indices	
- cured	: Nil
- improved	: 11
- markedly	: 17
- moderately	: 15
- mildly	: 12
- not improved	: 02
- not reported	: 06
- under observation	: 06

MEDICINES FOUND EFFECTIVE

Name of medicine with potency	No. of cases* found effective in
1. Atista indica 3x,6x	13
2. Nux vomica 30,200,1M	07
3. Holarrhena antidysenterica Q	01
4. Sulphur 30,200,1M	04
5. Lycopodium 30,200,1M	03
6. Aloes socotrina 30,200	07
7. Mercurius solubilis 30,200,1M	03
8. China officinalis 30,200,1M	03

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

OBSERVATIONS

All the cases were of amoebic dysentery. The medicines enumerated above have helped not only in relieving the signs and symptoms of amoebiasis but also in their disappearance. 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 but they need repeated verification.

FUTURE PROGRAMME

The project is to continue.

1.1.3. BEHAVIOURAL DISORDERS (MENTAL DISEASES)

The Council has continued the study of efficacy of homoeopathic medicines in behavioural disorders 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.

Three thousand two hundred and thirty (3,230) cases were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied

Improvement indices

-cured

-improved

- markedly

- moderately

- mildly

-not improved

-not reported

-dropped out

-under observation

: 548

Nil

89

107

17

06

41

13

275

MEDICINES FOUND EFFECTIVE

Name of medicines with potency

No. of cases found effective in

1. Arsenicum album 30,200,1M
2. Baryta carbonicum 200,1M
3. Belladonna 30,200,1M
4. Calcarea carbonicum 30,200,1M
5. Chamomilla 200,1M
6. Gelsemium 30,200
7. Ignatia 30,200,1M
8. Lachesis 30,200,1M
9. Mercurius solubilis 30,200,1M
10. Natrum muriaticum 30,200,1M,10M
11. Nux vomica 30,200,1M,10M
12. Phosphorus 30,200
13. Pulsatilla 30,200,1M
14. Staphysagria 200,1M
15. Stramonium 30,200,1M
16. Sulphur 30,200,1M
17. Syphilinum 1M
18. Tarentula hispanica 30,200
19. Tuberculinum 200,1M
20. Veratrum album 30

17

24

24

24

08

09

17

20

19

38

16

17

36

03

25

17

08

05

14

03

Besides the group of medicines mentioned above, the medicines Acid nitricum (04), Acid phosphoricum (04), Argentum nitricum (05), Calcarea phosphoricum (04), Causticum (03), Cina (04), Cocculus (04), Hepar sulphuris (04), Hyoscyamus (03), Kali bichromicum (03), Lycopodium (04), Medorrhinum (03), Psorinum (03), Thyroidinum (03) were also found effective. The figure in parenthesis denotes number of cases.

OBSERVATIONS

Many of the medicines mentioned above were also found effective during the preceding years. They not only helped in relieving the symptoms and signs of Behavioural Disorders in 38.86% cases, but also helped in non-occurrence of the complaints in 14.05% cases during the course of treatment. These medicines also helped in relieving the related subjective and objective symptoms of Behavioural disorders and also in their disappearance. Most of the indications of the medicines noted in previous years have been verified.

FUTURE PROGRAMME

The project is to continue.

1.1.4. BRONCHIAL ASTHMA

The Council in order to verify and evaluate the efficacy of homoeopathic medicines in bronchial asthma the research scheme started earlier by its parent body CCRIMH, after its inception in 1979. The studies 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, Udupi	since 1985-86

This study was also undertaken at Central Research Institute for Homoeopathy, Kottayam from 1974-80. Since inception of the project on Bronchial Asthma, fourteen thousand and four hundred twenty one (14,421) were registered in the Institutes/Units engaged in this project.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases	438	
Improvement indices		
- cured		
- improved		
- markedly		
- moderately		
- mildly		
- not improved		
- worse		
- not reported		
- under observation		
	New cases	Under follow up cases*
	Nil	06
	129	212
	73	141
	118	86
	45	40
	05	Nil
	59	Nil
	09	Nil

MEDICINES FOUND EFFECTIVE

Name of medicines with potencies	No. of cases** found effective in
1. Ammonium carbonicum 30,200	11
2. Anacardium occidentale 6x,9x,15,30	44
3. Antimonium arsenicosum 30,200,1M	07
4. Antimonium tartaricum 30,200,1M,10M,50M,CM	31

* The data relates to 485 old (under follow-up) cases which were also studied during the period under report
 **Includes the data related to old (under follow up) and new cases as well.

5. Arsenicum album 6,30,200,1M,10M,50M,CM	224
6. Arsenicum iodatum 30,200,1M,10M,50M,CM	28
7. Blatta orientalis Q,6	14
8. Bryonia alba 30,200,1M	20
9. Carbo vegetabilis	20
10. Grindelia robusta Q,30	14
11. Hepar sulphuris calcareum 6,30,200,1M,10M	27
12. Ipecacuanha 30,200,1M,10M,50M,CM	37
13. Kali bichromicum 1M,10M,50M,CM	11
14. Kali carbonicum 6,30,200,1M	68
15. Lachesis 30,200,1M,10M,50M,CM	20
16. Natrum sulphuricum 6x,6,30,200,1M,10M,50M,CM	75
17. Nux vomica 30,200,1M	21
18. Psorinum 200,1M,10M,50M,CM	18
19. Pulsatilla 30,200,1M,10M,50M,CM	53
20. Spongia 6,30,200,1M	26
21. Sulphur 30,200,1M,10M,50M,CM	07
22. Thuja 30 to CM	16
23. Tuberculinum 200,1M,10M,50M,CM	28

OBSERVATIONS

Six (06) cases have been given the status of cure on the basis of no asthmatic attack since last three years. The enumerated medicines were found effective during preceding years also. The indications and relationship of drugs as noted in the previous years have been verified.

FUTURE PROGRAMME

The project is to continue.

1.1.5.CERVICITIS AND CERVICAL EROSION

In order to evaluate the action of Homoeopathic medicines in Cervicitis and Cervical erosion, the Council under a research study at the Regional Research Institute for Homoeopathy, New Delhi in 1978 and has also been at the following Units:

- Clinical Research Unit, Imphal (since April 1989)
- Clinical Research Unit, Madras (since November 1988)
- Clinical Research Unit, Tirupathi (since November 1988)

Prior to 1991-92, one thousand two hundred and one (1201) cases of Cervicitis and Cervical erosion registered.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied

Improvement indices

- cured
- improved
 - markedly
 - moderately
 - mildly
- not improved
- not reported
- dropped out
- under observation

New cases
Nil
65
68
106
05
18
nil
03

266

Under follow up cases*

06
111
108
42
03
nil
03
59

MEDICINES FOUND EFFECTIVE

Name of medicine with potencies

No. of cases * found effective in

222
18
30
16
35
18
10
12
09
13
26
03
07
17
06

1. Sepia 6,30,200,1M,10M,50M,0/1,0/4,0/6
2. Cimicifuga 200
3. Pulsatilla 6,30,200
4. Kreosote 30,200
5. Arsenicum album 200
6. Alumina 30,200
7. Calcarea carbonicum 200,1M
8. Natrum muriaticum 30,200,1M
9. Mercurius solubilis 30,200
10. Hydrastis 6,30,200
11. Lachesis 30,200
12. Silicea 30,200,1M
13. Sulphur 30,200,1M,10M
14. Bovista 6,30,200
15. Borax 200

* The data relates to 332 old (i.e. under follow up) cases which were also studied during the reported period.

OBSERVATIONS

There were 32 cases of Acute Cervicitis, 190 cases of Chronic Cervicitis and 43 cases of Cervical Erosion. 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 their disappearance. The medicine Sepia had helped in 83.77% of cases. It not only helped in relieving the related complaints but in complete disappearance of right ovarian cyst and endo-cervicitis too in one case within a period of 10 months of treatment. Similarly in another case of Cervical Erosion (papillary with rt. ovarian cyst) Lachesis 200 helped in complete disappearance of these findings within a period of 11 months of treatment (though being a remedy mainly for left side).

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

FUTURE PROGRAMME

The project is to continue but the study has been concluded at Regional Research Institute, New Delhi.

1.1.6. DIABETES MELLITUS

In order to ascertain the efficacy of homoeopathic medicines in Diabetes Mellitus, the Council undertook a research study at the Central Research Institute, Kottayam (1974-90) and Regional Research Institute, New Delhi (1986) also initiated at Clinical Research Unit, Udupi since April 1988.

Six hundred and eighty two (682) cases of Diabetes Mellitus were studied prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92.

Number of cases studied	
Improvement indices	44
- cured	
- improved	
- markedly	nil
- moderately	
- mildly	08
- not improved	13
- under observation	05
	02
	16

MEDICINES FOUND EFFECTIVE

Name of medicine with potency	No. of cases found effective in
1. Acid phosphoricum 30,200,1M,10M,50M,CM	12
2. Arsenicum album 6,30,200,1M	05
3. Cephalandra indica Q	15
4. Lycopodium 6,30 to 10M	03
5. Nux vomica 6,30,200,1M,10M	04
6. Salacea prinooids Q,3,6	09
7. Sulphur 30,200,1M,10M,50M	10
8. Tarentula cubensis 30,200	04
9. Uranium nitricum 30,200,1M	07

OBSERVATIONS

Out of 44 cases forty three (43) cases were of primary non-insulin dependent type. It is observed that the enumerated medicines not only helped in relieving the subjective and objective symptoms of diabetes mellitus but in their disappearance in few cases. The medicines namely: Acid phosphoricum, Arsenicum album, Lycopodium, Sulphur, Tarentula cubensis and Uranium nitricum were also found effective during preceding years. The data obtained, so far, though encouraging needs further studies.

FUTURE PROGRAMME

The project is to continue at Clinical Research Unit, Udupi. The study has been concluded at Regional Research Institute, New Delhi.

1.1.7. DRUG DE-ADDICTION

In order to evaluate the therapeutic efficacy of homoeopathic medicines in controlling the withdrawal symptoms of drug addicted individuals, a study has been launched at Clinical Research Unit, located at Varanasi in collaboration with Director, Navchetna Drug De-addiction-cum-Counselling Centre, Varanasi (U.P.) since September, 1988.

Eighty two (82) drug addict individuals were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied	:	86
Improvement indices		
- cured	:	Nil
- improved	:	
markedly	:	50
moderately	:	22
- not improved	:	06
- not reported	:	02
- dropped out	:	06

MEDICINES FOUND EFFECTIVE

Name of medicines with potencies	No. of cases found effective in
1. Passiflora Q	23
2. Avena sativa Q	10
3. Rhus toxicodendron 200,10M,50M	36
4. Nux vomica 30,1M	02
5. Arsenicum album 10M	10
6. Kali phosphoricum 6x	08
7. Chamomilla 10M	05
8. Bryonia alba 200	06
9. Ipecacuanha 200,1M	02

OBSERVATIONS

During the course of studies it is observed that out of 90.70% (i.e. 78) cases were addicted to brown sugar and 9.30% (i.e. 08) cases to other drugs; 86% were in the age group of 20 to 40 years and 83.72% cases were improved within three months of their treatment with the help of above mentioned homoeopathic medicines. Among the above group of medicines, Rhus toxicodendron was found most effective (i.e. in 50% of improved cases). Passiflora Q, Myrica Q and Kali phos 6x helped to induce sleep apart from other medicines prescribed. However the data obtained, so far, is insufficient to draw any conclusion. The further studies are in progress.

FUTURE PROGRAMME

The project is to continue.

1.1.8. DYSENTERY

Homoeopathic medicines are useful in gastro-intestinal disorders including dysentery. As such, dysentery is a common problem in Andaman Nicobar Islands was taken up by the Council for study at the Clinical Research Institute, Port Blair in the years, 1980-89 and a group of drugs identified, to be most useful in management of Dysentery, which is continued and also initiated at Regional Research Institute for Homoeopathy, Gudivada (A.P.) from April, 1988.

Seven hundred and forty six (746) cases of dysentery were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied	: 54
Improvement indices	: nil
- cured	
- improved	
- moderately	: 54

MEDICINES FOUND EFFECTIVE

Name of the Medicine with potency

1. Nux vomica 30,200,1M
2. Mercurius solubilis 30,200
3. Cina 200,1M
4. Lycopodium 30,200

No. of cases* found effective in

- 66
03
08
09

* Includes the data related to old (under follow up) and new cases as well as 21 old cases followed up during year under report.

OBSERVATIONS

All the reported cases were of amoebic dysentery. The above mentioned medicines helped in relieving the symptoms and were able to control the acute paroxysms of the amoebic dysentery. The medicine Nux vomica was found effective in 88% of cases. The same drug was also found effective during preceding years. The relation of Nux vomica as noted earlier was also confirmed during this year. A few of the indications as noted though have been verified but need to be verified repeatedly.

FUTURE PROGRAMME

The project is to continue.

1.1.9. EPILEPSY

Homoeopathic drugs are reported to be effective in various forms of Epilepsy. Therefore, in order to verify clinically 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.

Four hundred and eight (408) cases of Epilepsy were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied	:	71
Improvement indices		
- cured		Nil
- improved		10
- markedly		23
- moderately		11
- mildly		12
- not reported		15
- under observation		

MEDICINES FOUND EFFECTIVE

Name of Medicines with potency

1. Agaricus 30,200
2. Belladonna 200
3. Calcarea carbonicum 30,200,1M
4. Cicuta virosa 30,200
5. Cina 30,200
6. Cuprum metallicum 30,200,1M
7. Lachesis 200,1M
8. Natrum muriaticum 200

No. of cases * found effective in

- 03
02
07
04
06
13
02
08

* 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 complaints related to Epilepsy but also in their disappearance and reducing the duration, intensity and frequency of attacks. The medicines viz: Belladonna, Cuprum metallicum and Natrum muriaticum were found effective during preceding years also. But the data obtained, so far, is inconclusive and further studies are continued.

FUTURE PROGRAMME

The project is to continue.

1.1.10. FILARIA

The research on Filariasis is divided into Disease oriented and Drug related. Under disease oriented any drug can be used according to the totality of symptoms and under drug related, efficacy of ten drugs is to be evaluated (ref. 1.2.6.). Disease oriented research on Filaria is being undertaken at Clinical Research Unit, Tirupathi since 1980.

Three thousand six hundred and twelve (3612) cases were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied

Improvement indices

- cured

- improved

- markedly

- moderately

- mildly

- not improved

- not reported

- under observation

: 68

New

nil

Old *

nil

05 :

27

08 :

21

21 :

15

06 :

13

04 :

03

24 :

nil

No. of cases*
found effective in

52

27

05

09

01

07

03

08

MEDICINES FOUND EFFECTIVE

Name of Medicines
with potency

1. Rhus tox 30,200
2. Bryonia alba 30,200
3. Apis mellifica 30,200
4. Arsenicum album 30,200
5. Rhododendron 30,200
6. Sepia 30,200
7. Sulphur 30,200
8. Pulsatilla 30,200

* 79 old (under follow up) cases were also studied beside 68 newly registered cases during the year under review.

OBSERVATIONS

The above enumerated medicines were also found effective in the preceding years, they belong to the group of identified drugs for Filaria under trial in drug related project reported at 1.2.6. except Arsenicum album, toxicodendron, Bryonia alba, Apis mellifica and Arsenicum album helped not only in relieving the related complications of Filaria but also their disappearance and reducing the intensity of paroxysmal attacks. No acute attack reported in twenty seven (27) old (under follow up) cases and thirteen (13) new cases. It is also observed that inflammatory stage of filaria was amenable to the above mentioned homoeopathic medicines. The reliable indications, as noted were verified during this year also including the relationship of other drugs but they need repeated verification as well as further study for conclusive evaluation in terms of

FUTURE PROGRAMME

The project is to continue.

1.1.11 EVALUATION OF HOMOEOPATHIC THERAPY IN ASYMPTOMATIC HIV INFECTION

INTRODUCTION

Human Immunodeficiency Virus (HIV) is a retrovirus which causes a state of profound immunodeficiency in human leading to acquired immunodeficiency syndrome (AIDS). The endpoint AIDS is characterised by the occurrence of a number of opportunistic infections which are otherwise rare and/or Kaposi's sarcoma (KS) and/or Non-Hodgkins lymphoma. The infection being devastating in nature and with 100 percent mortality necessitated unprecedented efforts to evolve preventive as well as therapeutic measures. A number of drugs are currently being tried for their therapeutic usefulness in different stages of HIV infection.

Global Programme on AIDS (GPA-WHO) project 30-40 millions of HIV infection and 12-18 millions of AIDS cases by the year 2000, development of effective therapeutic interventions both at asymptomatic and symptomatic stage of HIV infection assume equal importance. Development of therapeutic intervention at asymptomatic phase of HIV infection acquires greater urgency, for asymptomatic HIV carriers constitute a pool of individuals who simultaneously remain clinically silent and infectious. 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 utilised. The Central Council for Research in Homoeopathy, in pursuance of the decision of the Government of India, undertook research study to ascertain whether homoeopathic drugs which are found to be effective in microbial infections, can be utilised in the treatment and management of asymptomatic HIV infections.

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 outdoor 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 1991-92

The research study in HIV infection was undertaken in May, 1989. One hundred and fifteen asymptomatic HIV carriers were registered for study till 31st March, 1991 at the Regional Research Institute of Homoeopathy, Bombay. Solitary case registered at Clinical Research Unit, Madras in 1989 was not traceable till the time of reporting and hence treated as drop out.

All the registered cases were reactive to ELISA and 100 of these were confirmed to be HIV carriers by Western Blot test. Western Blot test on the remaining 15 cases could not be conducted till the time of reporting.

Homoeopathic drugs Acid phosphoricum, Aloe socotrana, Argentum nitricum, Arsenicum album, Arsenicum sodatum, Aurum metallicum, Antimonium tartaricum, Badiaga, Baryta carbonicum, Bryonia alba, Calcarea carbonica, Calcarea fluorica, Calcarea phosphorica, Calcarea sulphurica, Ceanothus, Chamomilla, China officinalis, Cina, Cuprum metallicum, Conium maculatum, Cyclosporin, Dulcamara, Graphites, Hepar sulphuris calcareum, Kali chromicum, 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 and Tuberculinum were used on the basis of individuals' constitutional (mental/emotional and physical) attributes which make him/her different from each other.

Nine of the 115 asymptomatic HIV carriers registered for study have given non-reactive response to ELISA conducted during the course of their treatment for a period varying from 3-16 months. These individuals continue to remain symptom free till the time of reporting.

ACHIEVEMENTS IN THE YEAR 1991-92

During the year 1991-92, 39 asymptomatic HIV carriers were registered for study. Of these 31 were registered at the Regional Research Institute of Homoeopathy, Bombay and 8 at the Clinical Research Unit of Homoeopathy, Madras (study at Madras has started in October, 1991 in collaboration with the Institute of Venereology, Government General Hospital).

The suspect mode of contraction of infection, as ascertained through interrogation of the patients and their family members, was as under:

MODE OF TRANSMISSION	NO. OF PATIENTS
Sexual contact Heterosexual Homosexual	27
Blood/Blood product Transfusion	--
Infected needles/syringes	09
Materno-foetal	01
Total	02
	39

All these individuals being symptom free, were treated with homoeopathic drugs whose pathogenesis corresponded with their inherent constitution at (mental/emotional and physical) attributes which make them different from each other.

In case any of the individuals contracted minor infections such as coryza, diarrhoea, pyrexia not apparently related to HIV illness, he/she was treated symptomatically.

These patients were subjected to repeat ELISA at varying intervals during the course of study, to evaluate their serostatus.

DRUGS USED DURING THE COURSE OF STUDY

The following homoeopathic drugs were used on the basis of constitutional (mental/emotional and physical) attributes of the individuals.

Acidum phosphoricum, Arsenicum album, Baryta carbonicum, Belladonna, Calcarea carbonica, Calcarea fluorica, Calcarea silicata, Calcarea sulphurica, Causticum, China officinalis, Colocynthis, Helleborus, Lycopodium clavatum, Medorrhinum, Mercurius solubilis, Natrum muriaticum, Natrum sulphuricum, Nuxvomica, Phosphorus, Pulsatilla, Rhus toxicodendron, Silicea, Staphysagria, Sulphur, Tuberculinum.

The drugs were prescribed in potencies varying from 30 to 10M and varying dosage depending on the patient's condition.

RESULTS

During the course of study 3 individuals gave non-reactive response to repeat ELISA. In the preceding year (1990-91) 9 individuals had given non-reactive response to repeat ELISA. Thus a total of 12 individuals have so far given a non-reactive response to ELISA after homoeopathic treatment varying from 3-16 months. Sera of 2 of these 12 individuals which could be subjected to the repeat Western Blot did not react to repeat Western Blot test.

Asymptomatic phase of HIV infection being reported to be as long as 12-13 years and no effective treatment available as yet, follow-up of individuals registered for study pose problems. In many cases even counselling and motivation failed to make individuals report for follow up. Forty six of the 115 cases registered during the preceding years have thus been lost to follow-up.

DISCUSSION AND OBSERVATIONS

The reversal of anti HIV seropositive status to anti-HIV seronegative status in nearly 10 percent of cases (those reporting for follow-up regularly) may not appear significant in numerical terms but opens up many possibilities viz:

1. that in some asymptomatic HIV carriers anti-HIV antibodies disappear or their titre becomes so low that they are not detectible through screening tests in vogue;
2. that viral burden on the host is increased and a significant B cell population (primarily responsible for mounting immune response against HIV and production of anti HIV antibodies) is infected thereby ceasing antibody production activity; and
3. that the organism is relieved of circulating viral burden under the influence of homoeopathic drugs and the antibodies declined significantly causing a non-reactive response to ELISA.

Incidence of HIV infecting B cells is not common. A very small fraction of B cells bear CD4 surface marker for which HIV has a tropism and observed to bind prior to its entry into T4 lymphocyte. A study on HIV infected homosexual cohort revealed fewer circulating B cells than a HIV seronegative reference group. Fall in circulating B cells number has also been observed in early asymptomatic phase of HIV infection. However, decline in number of circulating B cells has not been widely confirmed.

Most plausible explanation of reversal of anti-HIV seropositive to anti-HIV seronegative status in some asymptomatic HIV carriers who continue to be symptom free, seems to be that they have become free of cell free circulating viral burden and, therefore, anti HIV antibodies already produced declined so as to become undetectible.

The initial results necessitate further immunological and virological evaluation viz. HIV antigen p24 detection and measurement, polymerase chain reaction (PCR) for detection and measurement of viral DNA (if present). While no definitive observations can possibly be offered on the basis of initial findings, it may be surmised that homoeopathic drugs may play an effective role in the management and treatment of asymptomatic phase of HIV infection as symptom free clinical status of the 12 anti-HIV sero-reverted individuals suggest.

FUTURE PROGRAMME

Study is to continue as a long-term project. However, efforts will be directed towards confirmation of early results and further objective evaluation of immunological and virological status of the anti-HIV sero-reverted individuals.

It is proposed to incorporate randomised placebo controls in the clinical trials to evaluate whether spontaneous reversal of anti-HIV seropositive to anti-HIV seronegative status occurs in some asymptomatic HIV carriers.

1.1.12 HYPERTENSION

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

Twenty six (26) cases were registered prior to 1991-92.

ACHIEVEMENT DURING THE YEAR 1991-92

Number of cases studied	: 55
Improvement indices	
- cured	nil
- improved	
- moderately	42
- dropped out	01
- under observation	12

MEDICINES FOUND EFFECTIVE

Name of Medicines
with potency

1. Bryonia alba 200,1M
2. Lycopodium 200,1M
3. Rauwolfia serp. Q
4. Sulphur 200

OBSERVATIONS

There were 51 cases of Primary Hypertension and 04 cases were of Secondary Hypertension. The systolic pressure of the reported cases ranged from 140 mm of Hg to 180 mm of Hg and diastolic blood pressure from 90 mm of Hg to 110 mm of Hg. The above mentioned medicines helped in relieving the complaints to some extent in 10 cases (includes 2 old cases) before treatment but during the treatment it is observed that Diabetes is also under control with the help of Lycopodium and Sulphur. However, it is too premature to draw any conclusion. The further study is in progress.

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 Malaria Eradication Programme which began in the year 1956.

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

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

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

One thousand and forty nine (1049) cases of Malaria were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied	: 147
Improvement indices	
- cured	95
- Improved	
- markedly	16
- moderately	19
- mildly	13
- not reported	04

MEDICINES FOUND EFFECTIVE

Name of Medicines with potency	No. of cases found effective in
Pulsatilla 30,200,1M	11
Arsenicum album 200,1M	14
China sulphuricum 30,200,1M	16
China arsenicosum 30,1M	23
Caesalpenia bonducella 6	09
Selsmium 30,200	12
pecacuanha 30	08
Natrum muriaticum 30,200,1M	09
Eupatorium perfoliatum 30	05
China officinalis 30,200,1M	09
Mercurius solubilis 200,1M	03
Nyctanthes arbortristis 6	07
Nux vomica 30	03

OBSERVATIONS

The above mentioned medicines were found effective in the preceding years also. Malarial parasite was not detected from blood in 100 cases after the treatment. The inclusion of malarial parasite negative cases into the study was made after ruling out the other possibilities of intermittent fever. However, the study is continued for further verification of indications as noted.

FUTURE PROGRAMME

The project is to continue.

1.1.14. MALIGNANT DISEASES

The project on Malignant diseases is being continued at Regional Research Institute, Bombay and has been undertaken as a Grant-in-Aid Scheme at August Nursing Home and Homoeopathic Research Centre, Cochin, Kerala since 17th September, 1988. A drug related research project was undertaken at Regional Research Institutes located at Bombay and New Delhi which has since been concluded.

One hundred and eighty four (184) cases of various types of Malignant diseases were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied	:	94
Improvement indices		
- cured		Nil
- improved		
- markedly		03
- moderately		16
- mildly		33
- not improved		10
- worse		01
- not reported		14
- dropped out		06
- under observation		01
- referred		06
- expired		04

MEDICINES FOUND EFFECTIVE

<u>Name of Medicines</u> <u>with potency</u>	<u>No. of cases</u> <u>found effective in</u>
1. Arsenicum iodatum 30	01
2. Aurum metallicum 30,200	01
3. Calcarea fluorica 30,200	02
4. Kreosote 30,200,1M	03
5. Lycopodium 30,200,1M	04
3. Ornithogalum Q,30,200	04
7. Phosphorus 200,1M	05
3. Radium bromatum 200,1M	01

Belladonna 200 (4), Bellis perenis Q(4), Berberis vulgaris Q(8), Bryonia alba 200 (16), Cactus G. 200(6), Glonine 200,1M(4), Influenzinum 200,1M(6), Ipecacuanha 200 (28), Mercurius sol. 200(6), Natrum mur.200,1M(6), Nux vomica 200(39), Pulsatilla 200(15), Pyrogenium 200(5), Rhus tox. 200(18), Spigelia 200(5) and Thuja 30,200(4) etc. were also found effective. The figure in parenthesis denotes the number of cases.

OBSERVATIONS

The homoeopathic medicines as enumerated above were found effective. They helped only in relieving the sufferings in the reported cases.

FUTURE PROGRAMME

The project is to continue.

1.1.15. OSTEOARTHRITIS

A study to ascertain the efficacy of Homoeopathic medicines in the treatment and management of Osteoarthritis is in progress at the following Institutes/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 from 1989-90. One thousand and four (1004) cases of Osteoarthritis were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied

Improvement indices

- cured

- improved

- markedly

- moderately

- mildly

- not improved

- dropped out

: 141

Nil

34

24

76

04

03

No. of cases *
found effective in

107

51

37

18

12

11

11

09

06

05

05

04

04

MEDICINES FOUND EFFECTIVE

Name of Medicines
with potency

1. Rhus toxicodendron 200, 1M, 10M
2. Bryonia alba 200, 1M
3. Lycopodium 200, 1M
4. Calcarea carbonicum 200, 1M, 10M
5. Medorrhinum 200, 1M
6. Formica rufa 30, 200, 1M
7. Sulphur 200, 1M
8. Arnica montana 200, 1M, 10M
9. Thuja 1M, 10M
10. Kali iodatum 30, 200, 1M
11. Mercurius solubilis 200, 1M
12. Causticum 200, 1M, 10M
13. Sepia 1M, CM

* Includes the data related to old (under follow up) and new cases also. 82 old cases followed up during the period.

OBSERVATIONS
Most of the medicines mentioned above were found effective during preceding years also. These drugs in improving the subjective and objective symptoms of Osteoarthritis. The indications of the medicines as mentioned have been verified but need repeated verification, as such the project will continue.

FUTURE PROGRAMME
The project is to continue.

1.1.16 PEPTIC ULCER

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

Fifty seven (57) cases of Peptic Ulcer were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied : 20

Improvement indices

- cured

- improved

- markedly

- moderately

- mildly

- not reported

: Nil

: 04

: 10

: 02

: 04

MEDICINES FOUND EFFECTIVE

Name of Medicines
with potency

No. of cases
found effective in

1. Arsenicum album 30, 200

2. Nux vomica 30, 200

3. Pulsatilla 30

04

06

02

OBSERVATIONS

The medicines as reported above were found effective in the preceding years also. They helped in relieving pain and other subjective and objective symptoms also. The indications as noted though have been verified but need to be verified repeatedly. The data gathered, so far, is not sufficient to draw any conclusion.

FUTURE PROGRAMME

The project is to continue.

1.1.17. RENAL CALCULI

The Council has taken up this research study to evaluate the action of homoeopathic medicines in Renal Calculi at Homoeopathic Research Institute, Jaipur since 1986 and at Clinical Research Unit, Imphal since 1987. Prior to 1991-92, three hundred and forty seven (347) cases of Renal Calculi were registered.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied : 93

Improvement indicis

- cured
- improved
 - markedly
 - moderately
 - mildly
- not reported
- under observation

	New cases	Old cases*
- cured	nil	nil
- improved	56	40
- markedly	24	15
- moderately	11	nil
- mildly	01	nil
- not reported	01	02
- under observation		

MEDICINES FOUND EFFECTIVE

Name of Medicines with potency

1. Berberis vulgaris Q, 30
2. Cantharis Q, 6,30,200
3. Colocynthis 1M
4. Lycopodium 200,1M
5. Terebinthina 1M

No. of cases * found effective in

- 10
- 07
- 05
- 33
- 09

* 57 cases followed up during the year under report.

OBSERVATIONS

The enumerated medicines have been found effective in controlling subjective and objective symptoms including pain. The same group was also found effective during the preceding years. Berberis vulgaris Q (47)*, Magnesia phosphate 6x (14), Urtica urens (09), Cantharis Q (08), Hydrangea Q (05) and Colocynthis 1M (04) have helped in controlling the renal colic. The indications of the drugs as noted earlier, though, have been verified but be verified repeatedly besides their action towards the expulsion of calculus and its non-formation thereafter.

* Number of cases.

FUTURE PROGRAMME

The project is to continue.

1.1.18. RHEUMATOID ARTHRITIS

Homoeopathy is reported to offer a curative treatment for this most crippling disorder without any after or 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, a study was launched on the basis of formulated research protocol at Clinical Research Unit, Udupi since 1988-89. This project was also undertaken at Central Research Institute, Kottayam from 1988-90 and Clinical Research Unit, Madras from 1987-89.

Ninty seven (97) cases of Rheumatoid Arthritis were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied : 47

Improvement indicis

- cured : nil
- improved : 25
 - markedly : 11
 - moderately : 09
 - mildly : 02
- not improved : 02

MEDICINES FOUND EFFECTIVE

Name of Medicine with potency

1. Bryonia alba 30,200,1M,10M,50M,CM
2. Calcarea carb. 30,200,1M,10M,50M,CM
3. Medorrhinum 200,1M,10M,50M,CM
4. Rhus tox. 30,200,1M,10M,50M,CM
5. Sulphur 30,200,1M,10M,50M,CM
6. Causticum 30,200,1M,10M

No. of cases* found effective in

- 18
- 05
- 12
- 23
- 11
- 04

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

OBSERVATIONS

The above group of medicines was found effective during preceding years also. They not only helped in improving subjective and objective symptoms but also in their disappearance as detailed above. Beside this the indicated homoeopathic medicines also helped in bringing the pathological findings (i.e. E.S.R., blood count, R.A. factor etc) within normal limits. Many of the symptoms as noted earlier though verified, need further verification.

FUTURE PROGRAMME

The project is to continue.

1.1.19. SICKLE CELL ANAEMIA

A systematic study to explore the scope of homoeopathic medicines in Sickle Cell Anaemia by a scientific research Council, started in 1987-88 a Clinical Research Unit in a tribal pocket of Sambalpur in Orissa, where Sickle cell trait is found among the schedule castes and 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 bloodsamples of families identified for their sickness and detailed data to be maintained.
2. Curative: The patients having sickle-cell trait of disease to be given constitutional and symptomatic treatment under an approved Research Protocol on the "Sickle Cell Anaemia".

Four hundred and sixty five (465) cases of Sickle Cell Anaemia were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied
Improvement indices

- cured
- improved
 - moderately
 - mildly
- not improved
- worse
- not reported
- under observation

MEDICINES FOUND EFFECTIVE

Name of Medicine
with potency

1. Arsenicum album 30,200
2. Bryonia alba 30,200
3. Calcarea carbonicum 30,200
4. Kalmegh Q
5. Lycopodium 30,200
6. Natrum muriaticum 200
7. Pulsatilla 30,200
8. Rhus toxicodendron 30,200
9. Sulphur 30,200

* Includes the data related to old (under follow-up) and new cases as well. 139 old cases were followed up during the year under report.

OBSERVATIONS

It is premature to make any observation at this stage as it is a long term project being a genetically oriented disease. However, during this short study it is observed that the same group of medicines was found effective during preceding years also. They helped in improving the subjective and objective symptoms. But the data gathered, so far, is sufficient to form any conclusion so the studies are continued.

FUTURE PROGRAMME

The project is to continue.

1.1.20. SINUSITIS

Homoeopathy provides a safe and gentle oral treatment for Sinusitis. As such, in order to evaluate the action of homoeopathic medicines in Sinusitis, the Council has undertaken research on Sinusitis at the following Institute and Units:

- Regional Research Institute, New Delhi (1984-87)
- Clinical Research Unit, Shimla (since 1985)
- Clinical Research Unit, Madras (since 1987)

The study was also undertaken at Clinical Research Unit, Port Blair in 1988-89. Three hundred and sixty (365) cases were studied prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

-Number of cases studied : 093

Improvement indices

- Cured : 09
- Improved : 29
 - markedly 34
 - moderately 15
 - mildly 01
- not improved 05
- not reported 05

MEDICINES FOUND EFFECTIVE

Name of Medicine
with potency

1. Pulsatilla 30, 200, 1M
2. Kali bichromicum 30, 200
3. Natrum muriaticum 30, 200 1M
4. Natrum sulphuricum 30, 200, 1M
5. Ammonium carbonicum 30, 200
6. Calcarea carbonicum 30, 200
7. Belladonna 30
8. Bryonia 30
9. Lycopodium 30
10. Natrum arsenicum 4x

No. of cases*
found effective in

- 22
- 03
- 25
- 06
- 08
- 09
- 04
- 04
- 06
- 03

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

OBSERVATIONS

Out of eleven (11) cases of Acute Sinusitis, nine (09) cases were reported as cured. The above group of medicines was found effective during preceding year also. They helped in improving or disappearance of subjective/objective symptoms. Many of the indications noted in previous years, though verified, need further verification.

FUTURE PROGRAMME

The project is to continue.

1.1.21.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 CRI undertook research studies at the following Institute and Units. The project on Vitiligo has also been taken up in research studies separately (as reported under 1.1.23 and 1.2.12)

- Regional Research Institute, New Delhi (1985)
- Clinical Research Unit, Bahadurgarh (1982)
- Clinical Research-cum-Epidemic Cell, Bhopal (1987)
- Clinical Research Unit, Patiala (1985)
- Clinical Research Unit, Udupi (1988)
- Clinical Research Unit, Surat (1989)

The Regional Research Institute, New Delhi is also functioning as Nodal Point for Skin Disorders. A total of 102 thousand four hundred and sixty three (3463) cases of various skin disorders including Allergic dermatosis, Eczema, Psoriasis and Urticaria were studied prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied	Allergic dermatitis	Psoriasis	Total
Improvement indices	225	84	309
- cured			
- improved			
- markedly			
- moderately			
- mildly			
- not improved	65	Nil	Nil
- worse	77	14	79
- not reported	36	14	91
- dropped out	07	27	63
- under observation	02	05	12
	13	nil	02
	10	14	27
	15	Nil	10
		10	25

MEDICINES FOUND EFFECTIVE

A. Allergic dermatitis

Name of medicine with potency

1. Sulphur 30,200,1M,10M,50M,CM

* Includes the data related to old (under follow-up and new cases also. 102 old cases of Allergic dermatitis followed up during the year under report beside 64 old cases of Psoriasis.

No. of cases* found effective in

72

2. Apis mellifica 6,30,200,1M,10M 29
3. Natrum muriaticum 6,30,200,1M,10M,50M 26
4. Sepia 200,1M,10M 26
5. Rhus tox. 6,30,200,1M 17
6. Psorinum 200,1M,10M,CM 15
7. Graphites 200 12
8. Hepar sulphuris calcareum 30,200,1M,10M,50M,CM 11
9. Petroleum 30,200,1M,10M,50M 11
10. Calcarea carbonicum 200,1M,10M,50M 09
11. Mercurius solubilis 30,200,1M,10M,50M 09
12. Antimonium crudum 30,1M 05
13. Mezereum 30,1M,10M,50M 05
14. Sarsaparilla 30,200,1M 04

B. PSORIASIS

1. Sulphur 6,30,200 to CM, Q1,Q3 27
2. Sepia officinalis 30,200,1M,10M,50M,CM 19
3. Petroleum 30,200,1M,10M,50M 11
4. Mercurius solubilis 6 to 10M 09
5. Natrum muriaticum 30,200,1M,10M,50M 09
6. Nux vomica 30,200,1M,10M,50M,CM 08
7. Hydrocotyle 6 to 10M 07
8. Lycopodium 30 to CM 06
9. Opium 30,200,1M 06
10. Psorinum 30,200,1M,10M,CM, Q6 06
11. Syphilinum 200,1M,CM 06
12. Calcarea carbonicum 30,200,1M,10M,50M,CM 05
13. Mezereum 6,30,200,1M 04
14. Kali arsenicum 6,D3,D6 03

Arsenicum album (04), Thyroidinum (03), Rhus toxicodendron (05), Phosphorus (03) were also found effective in Psoriasis.

OBSERVATIONS

Allergic dermatitis: The medicines Natrum muriaticum, Psorinum, Rhus toxicodendron, Sepia and Sulphur were also found effective in the preceding years. Fifty three (53) cases had no recurrence of complaints during the year under report and out of these forty (40) cases had no recurrence for more than two years.

Psoriasis: The medicines enumerated above helped not only in relieving the subjective and objective symptoms of psoriasis but also in their disappearance in few cases. The medicines: Sulphur, Lycopodium and Petroleum were found useful during preceding years also. Four (04) cases had no recurrence of complaints during the year under report. Out of these two cases had no recurrence from last three years and another case for more than three years. Although the indications of few medicines noted above have been verified yet further verification is required.

FUTURE PROGRAMME

The project is to continue.

1.1.22. TONSILLITIS

The Council has undertaken a research scheme to study the efficacy of homoeopathic medicines in cases of tonsillitis at Regional Research Institute, New Delhi (1984-87), Clinical Research Unit, Bahadurgarh (1982) and Clinical Research Unit, Shimla (1979) and Clinical Research Unit, Madras (1987).

Six hundred and sixty three (663) cases of Tonsillitis were studied prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied	
Improvement indices	123
- cured	
- improved	
- markedly	14
- moderately	
- mildly	
- not reported	37
- dropped out	38
- under observation	19
	13
	01
	01

MEDICINES FOUND EFFECTIVE

Name of Medicine with potency	No. of cases* found effective in
1. Lycopodium 30,200	18
2. Baryta carbonicum 30,200,1M	16
3. Calcarea carbonicum 30,200	15
4. Belladonna 30,200	14
5. Mercurius solubilis 30,200,1M	10
6. Pulsatilla 30,200	09
7. Hepar sulphuris calcareum 30,200,1M	08
8. Natrum muriaticum 30,200	08
9. Sulphur 30,200	07
10. Bacillinum 200	05
11. Mercurius iodatum ruber 200	04
12. Phytolacca Q,200	04
13. Lachesis 30,200	03
14. Bromium 30	02
15. Mercurius iodatus flavus 6,30,200,1M	02
16. Rhus tox 200	02

* Includes the data of old (under follow-up) and new cases as well.

OBSERVATIONS

Out of 20 cases of acute tonsillitis, fourteen (14) cases were cured. The above enumerated medicines were found effective during the preceding years. The duration, frequency and intensity of subsequent attacks was reported in chronic cases. Although many of the indications of above mentioned medicines have been confirmed yet, they need further verification.

FUTURE PROGRAMME

The project is to continue.

1.1.23. VITILIGO

In order to evaluate the efficacy of Homoeopathic medicines, in Vitiligo, a study has been undertaken at Clinical Research Unit, Surat (Gujarat) since 1985.

Prior to 1991-92, five hundred and twenty (520) cases were studied.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied	53
Improvement indices	
- cured	nil
- improved	
- markedly	01
- moderately	08
- mildly	15
- not reported	29

MEDICINES FOUND EFFECTIVE

Name of medicine with potency	No. of cases found effective in
1. Sulphur 200	05
2. Lycopodium 200	03
3. Silicea 12x	03
4. Apis mellifica 30	02
5. Hydrocotyle 30	02
6. Psorinum 1M	02

OBSERVATIONS

The above group of medicines helped in relieving the localised enlarging amelanotic macules in twenty four (24) cases. The disappearance of amelanotic macules was reported in one case. Apis mellifica 30 was found helpful in that particular case.

FUTURE PROGRAMME

The project is to continue.

1.2 DRUG-RELATED CLINICAL RESEARCH
1.2.1. AMOEBIASIS: To Clinically Evaluate the Efficacy of Following Drugs in Amoebiasis

1. Achyranthes aspera
3. Aegle marmelos
5. Atista indica
7. Colchicum
9. Cynodon dactylon
11. Ipecacuanha
13. Mercurius solubilis
15. Sulphur

2. Aegle folia
4. Arsenicum album
6. Cinchona officinalis
8. Colocynthis
10. Holarrhena antidysenterica
12. Mercurius corrosivus
14. Nux vomica

The research on amoebiasis is divided into Disease-oriented (reported under 1.1.2.) and drug-related research. Under disease oriented research any medicine i.e. as per the totality of symptoms can be used where as under drug related research an identified group of drugs for that particular disease is studied. The Council undertook the study of four drugs viz. Atista indica, Cynodon dactylon, Holarrhena antidysenterica, & Aegle folia at the Research-cum-Epidemic Cell, Bhopal since 1987 which is continued.

The studies have also been initiated at Clinical Research Unit, Port Blair since April, 1989 with the addition of more drugs viz. Achyranthes aspera, Aegle marmelos, Arsenicum album, Cinchona officinalis, Colocynthis, Ipecacuanha, Mercurius corrosivus, Mercurius solubilis, Nux vomica and Sulphur in the trial which have been found useful for Amoebiasis under Disease-oriented Research and also found effective in Dysentery at the Research Unit, Port Blair during the period 1980-89.

Three hundred forty three (343) cases were registered since inception of the project.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied	
Improvement indices	
- cured	91
- improved	
- markedly	07
- moderately	
- mildly	56
- not reported	15
- under observation	02

EFFECTIVENESS OF THE ASSIGNED DRUGS IN AMOEBIASIS

Name of Medicine with potency	No. of cases found effective in
1. Aegle folia Q	13
2. Atista indica Q, 6, 30, 200	17
3. Cinchona officinalis 30	04
4. Cynodon dactylon Q	08
5. Holarrhena antidysenterica Q	10
6. Mercurius corrosivus 30, 200	04

- | | |
|-----------------------------------|----|
| 7. Mercurius solubilis 6, 30, 200 | 14 |
| 8. Nux vomica 6, 30, 200 | 24 |
| 9. Sulphur 30, 200 | 04 |

OBSERVATIONS

All the cases were of Amoebic dysentery. The assigned drugs as above, were found effective in alleviating the sign-symptoms of dysentery as well as in eliminating the cysts of Entamoeba histolytica (in 18 cases). The list of indications of these drugs as noted earlier have been confirmed and a few symptoms not attributed to these drugs also disappeared during the course of trial. 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
3. Ignatia amara
5. Natrum muriaticum
7. Phosphorus
9. Stramonium

2. Hyoscyamus
4. Lachesis
6. Nux vomica
8. Pulsatilla
10. Sulphur

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

Two (02) cases were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied
Drugs used

S.No.	Drug/Potency	Number of cases		
		T	M	F
1.	Belladonna 30,200,1M	15	11	04
2.	Ignatia 200,1M	07	02	05
3.	Lachesis 30,200,1M	04	01	03
4.	Natrum muriaticum 200,1M	05	03	02
5.	Nux vomica 30,200,1M	20	17	03
6.	Phosphorus 30,200,1M	14	10	04
7.	Pulsatilla	26	11	15
8.	Stramonium 30,200,1M	27	18	09
9.	Sulphur 200,1M	07	05	02
		:	nil	
		:	20	
		:	26	
		:	34	
		:	10	
		:	16	
		:	08	
		:	11	
		No. of cases found effective in		
		08		
		04		

3. Lachesis 30,200,1M	03
4. Nux vomica 30,200,1M	12
5. Phosphorus 30,200,1M	10
6. Pulsatilla 30,200,1M	16
7. Stramonium 30,200,1M	17
8. Sulphur 200,1M	06
9. Natrum muriaticum 200,1M	03

OBSERVATIONS

The parameters for selection of assigned drugs have been drawn and they 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. But the data obtained so far is insufficient. The studies are therefore to continue.

FUTURE PROGRAMME

The project is to continue.

1.2.3. BRONCHIAL ASTHMA: To Clinically Evaluate the Efficacy of Following Drugs 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. Puitrinum |
| 17. Pulsatilla | 18. Kali carbonicum |
| 19. Spongia tosta | 20. Viburnum opulus |

The research on Bronchial asthma is divided into Disease-oriented (reported under 1.1.4.) and Drug-related projects. Under disease-oriented research any medicine i.e. as per the totality of symptoms can be used whereas under drug related research the efficacy of four drugs viz. Aspidosperma, Cassia sophera, Viburnum opulus and coded drug is to be evaluated. They are being used empirically for the management of symptoms-sign complex bronchial asthma. The drug Viburnum opulus has been found effective in relieving bronchial spasm under disease-oriented clinical research but needs detailed study. The council has undertaken the clinical research in Bronchial Asthma with these drugs at Clinical Research Unit, Shimla since April, 1988 with particular reference to relieve Bronchial spasm.

The studies have also been initiated at Regional Research Institute, New Delhi since April, 1990 with the help of a group of 16 drugs viz: Ammonium carbonicum, Antimonium tartaricum, Arsenicum album, Bryonia alba, Carbo vegetabilis, Cassia sophera, Ipecacuanha, Kali bichromicum, Kali carbonicum, Lachesis, Natrum sulphuricum, Pulsatilla, Spongia tosta, Viburnum opulus and others in the trial which are also being used and found effective in management of Bronchial asthma under disease oriented Clinical Research Project (1.1.4.). One more drug Puitrinum has been added under this project as per the directive of Working Group (Clinical Research) during its meeting held in August, 1990.

One hundred and thirty seven (137) cases were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied

S.No.	Name of the drug	Total	Gender	
			Male	Female
1.	Ammonium carbonicum	05		
2.	Antimony arsenicum	03		
3.	Antimonium tartaricum	09	03	02
4.	Arsenicum album	19	04	02
5.	Arsenicum iodatum	02	10	05
6.	Aspidosperma	02	01	09
7.	Bryonia alba	04	01	01
8.	Carbo vegetabilis	05	02	01
9.	Cassia sophera	01	03	02
10.	Hepar sulphuris calcareum	05	nil	02
11.	Ipecacuanha	03	02	03
12.	Kali bichromicum	02	02	01
			nil	02

13.	Kali carbonicum	15	07	08
14.	Lachesis	01	nil	01
15.	Natrum sulphuricum	05	04	01
16.	Puitrinum	01	01	nil
17.	Pulsatilla	11	07	04
18.	Spongia tosta	06	06	nil
19.	Viburnum opulus	21	09	12
	TOTAL	120	63	57

Improvement indices

- cured	: Nil
- improved	: 07
- markedly	: 09
- moderately	: 86
- mildly	: 12
- not improved	: 04
- not reported	: 02
- under observation	: 02

EFFECTIVENESS OF ASSIGNED DRUGS

Name of Medicine with potency	No. of cases found effective in
1. Ammonium carbonicum 6,30,200,1M	04
2. Antimony arsenicum 6,30,200,1M	01
3. Antimonium tartaricum 6,30,200,1M	08
4. Arsenicum album 6,30,200,1M	18
5. Arsenicum iodatum 6,30,200,1M	02
6. Aspidosperma Q	01
7. Bryonia alba 6,30,200	04
8. Carbo vegetabilis 6,30,200,1M	03
9. Hepar sulphuris calcareum 30	05
10. Ipecacuanha 6,30,200	03
11. Kali bichromicum 6,30	01
12. Kali carbonicum 30,200,1M	15
13. Lachesis 200	01
14. Natrum sulphuricum 30,200,1M	03
15. Puitrinum 30	01
16. Pulsatilla 30,200,1M,10M	08
17. Spongia tosta 6,30,200	06
18. Viburnum opulus Q,30	14

OBSERVATIONS

During the course of studies the drugs reported above were found useful in the treatment of Bronchial Asthma. Many of the indications noted earlier have been verified but the data obtained, so far, is insufficient. The studies are, therefore, to continue.

FUTURE PROGRAMME

The project is to continue.

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. Calcarea 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. These drugs are being used and are effective in the management of said diseases under the disease oriented the management of said diseases at Delhi. Clinical Research Project (reported under 1.1.5) which is in progress at Regional Research Institute, Research Unit, Imphal, Clinical Research Madras, Clinical Research Unit, Shimla, and Clinical Research Unit, Tirupati. Thirty eight (38) cases were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

S.No.	Name of drug	Total
1.	Alumina	03
2.	Arsenicum album	01
3.	Calcarea carbonicum	03
4.	Kreosote	03
5.	Mercurius solubilis	01
6.	Sepia	33
7.	Pulsatilla	15
	Total	59
Improvement indices		
- cured		08
- improved		12
- Markedly		12
- moderately		11
- mildly		12
- not improved		08
- worse		03
- not reported		02
- dropped out		03

OBSERVATIONS

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

The project has been divided into two groups i.e. Disease oriented (reported under 1.1.6) and Drug-related research. Under drug-related research project the drug Cephalandra indica is specified in order to clinically evaluate its efficacy in Diabetes mellitus, especially its role in the maintenance of blood sugar level, Cephalandra indica, an indigenous drug, has been said to have beneficial effects in the treatment of diabetes mellitus and insipidus. 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.).

The Council has undertaken this project at the following Institute/Units:-

- 1) Regional Research Institute, New Delhi since April 1987
- 2) Clinical Research Unit, Madras since April 1989

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

Two hundred and twenty seven (227) cases of Diabetes mellitus were registered since inception of this project.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied	: 73
Improvement indices	: Nil
- cured	: 07
- improved	: 11
- markedly	: 31
- moderately	: 11
- mildly	: 04
- not improved	: 09
- worse	
- under observation	

OBSERVATIONS

Among 73 cases of primary diabetes as reported above, 62 cases were of primary non-insulin dependent type. During the course of studies it was observed that few of the indications of Cephalandra indica as mentioned in the homoeopathic literature have been confirmed and the subjective & objective symptoms were not only relieved but also disappeared. The data obtained, so far, is insufficient to make any conclusion. The studies are, therefore, to continue.

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 a research scheme to clinically evaluate the action of the above mentioned drugs at Homoeopathic Research Institute, Puri (1985-86) and Regional Research Institute, Gudivada (1985-86) These ten drugs have been found to be most useful in the management of Filariasis under the disease oriented clinical research project (1985-92).

Five thousand nine hundred and eighty seven (5987) cases of filaria were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied	New	Old	Total
Improvement indices	663	955	1618
- cured			
- improved			
- markedly	Nil	Nil	Nil
- moderately			
- mildly			
- not improved	Nil	238	238
- not reported	Nil	297	297
- dropped out	104	232	336
- under observation	29	188	217
	07	nil	07
	31	nil	31
	492	nil	492

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 0/9	96
2. Belladonna 6 to 200	23
3. Bryonia alba Q to CM	113
4. Lycopodium 30 to 10M	21
5. Mercurius solubilis 30 to 50M	16
6. Microfilaria 6 to 10M, CM	13
7. Natrum muriaticum 3x, 6x, 6 to CM, 0/3 to 0/21	45
8. Pulsatilla 6 to CM	33
9. Rhododendron 6 to CM	16
10. Rhus toxicodendron 6 to CM, 0/3 to 0/25	13
11. Sulphur 6 to CM, 0/3 to 0/25	45
12. A.B.R. 6 to 10M (On trial basis)	33
13. C.C.R.H. coded drug (On trial basis)	16
* Includes the data related to old and new cases as well.	385
	98
	34
	26

OBSERVATIONS

Rhus toxicodendron (385), Bryonia alba (113), Sulphur (98) & Apis mellifica (96) were found most frequently indicated & useful medicines in cases of Filariasis amongst the ten identified assigned drugs i.e. in 42.76% of total treated cases which were relieved with the help of these four drugs. It is observed that inflammatory stage of the said disease is amenable to the above mentioned homoeopathic drugs. The lymphatic oedema especially the pitting type is also amenable to some extent but on microfilariemia no perceptible effect was observed so far, except a transient reduction in total count.

B. CLINICAL TRIAL OF THE DRUGS: MICROFILARIA AND CODED DRUGS IN FILARIA

The clinical trial of the potentised drug Microfilaria was continued during the period under report, beside that the clinical trial on the coded drug named A.B.R. and C.C.R.H. were also conducted. They helped in alleviating the signs and symptoms related to filaria in various potencies in 34 and 26 cases respectively. Further studies are continued.

FUTURE PROGRAMME

The project is to continue.

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

Homoeopathic medicines are effective in dissolving the gall stone. 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 also initiated at Regional Research Institute, New Delhi and Clinical Research Unit Shimla since April, 1989.

Fifty three(53) cases were studied were prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied	:	46
Drug used	:	Fel tauri 3x, 6x, 6, 30
Improvement indices		
- cured	:	nil
- improved	:	nil
- markedly	:	05
- moderately	:	03
- mildly	:	15
- not reported	:	04
- under observation	:	19

OBSERVATIONS

There were 14 old cases followed up during the year under report beside the study of 46 new cases. During the course of studies, the drug Fel tauri was found useful in the treatment of Cholelithiasis and relief was observed in 26 cases which includes both new and old cases. Predominance of female cases in the age group of 30 years to 71 years was observed. The above mentioned drugs helped in relieving the subjective and objective symptoms in between 3 to 7 months in most of the cases but the repeated ultra sound showed no reduction either in size or in number of Gall stones. However, the data obtained so far, is insufficient to draw any conclusion.

FUTURE PROGRAMME

The project is to continue.

1.2.8. 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)
- Homoeopathic Research Institute, Jaipur (1982)
- Clinical Research Unit, Shimla (1979)
- Clinical Research-cum-Epidemic Cell, Bhopal (1987)
- Clinical Research Unit, Surat (1989)

Two thousand six hundred and fourteen (2614) cases were studied prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied	546	Male	Female
	Total	111	88
1. Chelone	199	51	38
2. Cuprum oxydatum nigrum	89	75	57
3. Cina	132	27	30
4. Embelia ribes	57	40	22
5. Teucrium	62	05	02
6. Thymol	07		
Improvement indices	277		
- cured			
- improved	116		
- markedly	52		
- moderately	35		
- mildly	20		
- not improved	42		
- not reported	01		
- dropped out	03		
- under observation			

OBSERVATIONS

Out of 546 cases of various helminthic infections, 463 cases were of ascariasis, 46 cases of enterobiasis, 07 cases of Ancylostoma duodenale and 08 cases of taenias. The assigned drugs i.e. Chelone, Cina, Cuprum oxydatum nigrum, Embelia ribes, Teucrium and Thymol have helped in expulsion of pin worms and round worms. The symptoms enumerated in the homoeopathic literature have been confirmed and a new set of symptoms not attributed to these drugs also disappeared during the course of trial. Most of the new symptoms noted this year were also noted in previous years. They may be included in the drug pathogenesis of the above said drugs. However, the studies are continued for repeated verification.

FUTURE PROGRAMME

The project is to continue.

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

1. Alstonia constricta
3. Apis mellifica
5. Caesalpenia bonducella
7. Chininum sulphuricum
9. Eupatorium perfoliatum
11. Gentiana chirata
13. Natrum muriaticum
15. Vitex negundo

2. Amooro rohituka
4. Arsenicum album
6. Chininum arsenicosum
8. Cinchona officinalis
10. Gelsemium
12. Ipecacuanha
14. Nyctanthes arbortristis

The Council, in order to obtain confirmatory symptomatic data, has undertaken a research scheme to 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 oriented) in the units functioning under the aegis of this Council, located in Rajasthan and Andaman and Nicobar Islands prior to 1989-90. The study Drug -related has been undertaken in Clinical Research Unit, Port Blair, Andaman & Nicobar Islands since April, 1989.

Ninety four (94) cases of Intermittent Fever were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied

1. Arsenicum album
2. Caesalpenia bonducella
3. Chininum arsenicosum
4. Chininum sulphuricum
5. Cinchona officinalis
6. Eupatorium perfoliatum
7. Gelsemium
8. Ipecacuanha
9. Natrum muriaticum

	Total	Male	Female
	50		
	08	05	03
	11	07	04
	04	01	03
	01	nil	01
	02	02	nil
	02	01	01
	01	nil	01
	12	08	04
	09	04	05

Improvement indices

- cured
- improved
 - markedly
 - moderately
 - mildly
- not reported
- not improved
- under observation

EFFECTIVENESS OF THE ASSIGNED DRUGS

- Name of medicine and potency
1. Arsenicum album 30 •
 2. Caesalpenia bonducella 6
 3. Natrum muriaticum 30

No. of cases found effective in

07
11
09

4. Ipecacuanha 30 10
5. China officinalis 6 02
6. China sulphuricum 30 01
7. China arsenicosum 6,30 04
8. Eupatorium perfoliatum 30 01

OBSERVATIONS

During the course of studies, the drugs as reported above were found useful in the treatment of Intermittent fever. The malarial parasite was removed from blood in all the thirty seven (37) cases. The indications of the medicines as noted earlier are although verified, but data collected so far, is insufficient and further studies are needed.

FUTURE PROGRAMME

The project is to continue.

1.2.10. 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 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.

One hundred fifty eight (158) cases were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

No. of cases studied	: 33
Drug	: Pulsatilla nigra 200
Dosage	: Single dose once in a week.

OBSERVATIONS

During the course of studies it has been observed that the drug Pulsatilla nigra 200 is effective in correcting the abnormal foetal position in about 36% cases (12 out of 33 cases). The result obtained are useful and confirm the available indications for its use and also direct that trials may be made for correcting the foetal malposition before attempting the surgical manipulation. But this needs repeated verification before making such trials. The study, therefore, is continued.

FUTURE PROGRAMME

The project is to continue.

**1.2.11. 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 Country Council in order to clinically find the efficacy of Ficus religiosa (mother tincture form) in Menorrhagia has undertaken this study at Clinical Research Unit, Varanasi.

Two hundred and forty two (242) cases of menorrhagia were registered prior to 1991-92.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied	:	52
Drug	:	Ficus religiosa (Mother Tincture)
Dosage	:	5 to 8 drops thrice daily for 15 days and repeated for same period on every subsequent visit.
Improvement indices	:	Nil
- cured	:	21
- improved	:	10
- markedly	:	08
- moderately	:	05
- mild	:	08
- worse	:	
- not reported	:	

OBSERVATIONS

It was observed that the assigned drug Ficus religiosa mother tincture is found to be effective in Menorrhagia in 66% cases (i.e. 39 cases). The data collected so far is useful but needs to be verified repeatedly. The studies therefore, are further continued.

FUTURE PROGRAMME

The project is to continue.

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

The project on "Vitiligo" has been divided into two groups i.e. Disease-oriented (reported under 1.1.23.) and Drug related. Under the drug related project the efficacy of Arsenicum sulphuratum flavum (Ars. sulph. flav.) is to be evaluated. The drug Ars.sulph.flav. is being used as a specific drug for vitiligo and to evolve its relationship with other homoeopathic drugs this project has been undertaken at Clinical Research Unit, Surat and Tirupathi from April, 1987.

Prior to 1991-92, five hundred and thirteen (513) cases of Vitiligo were registered.

ACHIEVEMENTS DURING THE YEAR 1991-92

Number of cases studied	120	
Potencies found useful	3x, 30, 200, 1M, CM	
Improvement indices	New	Old*
- cured	Nil	01
- improved	03	21
- markedly	10	18
- moderately	35	17
- mildly	08	07
- not improved	28	02
- not reported	26	nil
- under observation		

* 66 old cases followed up during the year under report beside 120 new cases.

OBSERVATIONS

During the course of studies the 3x potency of Arsenicum sulphuratum flavum was also found effective in 03 cases besides its 30th, 200th, 1M and CM potencies. The drug relationship evolved during preceding years was also verified. The indications noted earlier were also verified but it needs repeated verification.

FUTURE PROGRAMME

The project is to continue.

2. CLINICAL RESEARCH IN EPIDEMICS

INTRODUCTION

Epidemics are widespread outbreaks of a disease affecting simultaneously a number of people in one or 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 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 1991

The Council had carried out studies during the following epidemics prior to the year 1991.

Epidemics	Place	Year
Conjunctivitis	Calcutta, Delhi, Hyderabad, Gudivada	1981, 1988
Dengue Fever	Bahadurgarh, Ghaziabad, Delhi	1985
Killer Fever	Delhi	1986
Encephalitis	Uttar Pradesh	1982
	Uttar Pradesh, West Bengal, Andhra Pradesh & Delhi	1983
	Tripura, Gudivada, Hyderabad, Diphu (Assam)	1984
	Gorakhpur (U.P.) & Basti (U.P.)	1986
	West Bengal, Bastar (M.P.)	1988, 1989
	Shimla, Bhubneshwar (Orissa), Gonda (U.P.)	1984
Bacillary Dysentery	New Delhi	
Yellow Fever	Surat, Calcutta	1988
Jaundice	Jaipur, Hyderabad, Rajkot, Gonda (U.P.)	1984-85 1985

Typhoid Fever	New Delhi	1988
Measles	Jaipur, Hyderabad, Rajkot and Gonda (U.P.), Bhopal	1985
	Bharauch	1988
	Delhi	1986
Meningitis	Jeypore (Orissa), Sagar (M.P.) & Distt. Vizianagram (A.P.)	1988, 1989
	Distt. Sagar (M.P.)	1989
	Jeypore (Orissa), Gonda	1985
Cholera	Bharauch (Gujarat), Calcutta	1988
	Delhi	1985
	Tripura	1990
Gastro-Intestinal Disorders	Distt. Krishna (A.P.)	1988
Viral Fever	Delhi	1988
Kala azar	Burdwan & Hooghly, W.B.	1988, 1989, 1990

2.2. STUDIES MADE DURING THE YEAR 1991-92

Kala azar	Distt. of Hooghly and Burdwan (W.B.)	1991
	Muzaffarpur (Bihar)	1991
Meningitis	Distt. Sagar (M.P.),	1991
Japanese Encephalitis	Distt. of Deoria, Basti	1991
	Maharajganj, Gorakhpur (U.P.)	

The treatment-cum-research studies on Kala Azar undertaken at Hooghly and Burdwan Distt. of West Bengal from Jan., 1989 and on Meningitis at Sagar (M.P.) from April '89 were concluded in July 1991 as no new cases were reported from these areas. The detailed report can be seen in the Table.

The studies in Epidemic of Kala Azar has been started at Muzaffarpur, Bihar from March '91. In the wake of breakout of Japanese Encephalitis in the Districts of Deoria, Basti, Maharajganj and Gorakhpur, Eastern U.P., the Council undertook a research-cum-treatment studies from 29th Oct. 1991 to 16th Nov. 1991. Besides the research cases, 12,552 patients were also given treatment.

The following table shows at a glance the achievements made during these epidemics.

Sl. No	Epidemic	Place	No. of persons given preventive	Name of drug given as prophylactic	No. of cases studied	Results	Medicines found effective	Observations
1.	Kala Azar	Muzaffarpur (Bihar) from March '91	-	-	102*	Improvement Marked 42 Moderate 13 No Improvement 12 Not reported 16 Under observation 19	Andro. panic. Q Arsenic alb. 30,200, 1M Ceanothus Q,6 China ars. 30 China 30,200 China sulph 3x Ferr. ars. 30 Nat mur. 200 Sulphur 200 Chelidonium Q Tinospora Q Apis mellifica 30,200 Gelsemium 30,200 Tuberculinum 1M	*All these cases were diagnosed cases of Kala Azar and had been referred by the Govt. Hospital, Private Allopathic Physicians and Nursing Homes, Muzaffarpur. These cases had also been declared resistant to allopathic drugs. The homoeopathic medicines were prescribed on the basis of totality of symptoms. After the treatment improvement has been seen in varying degrees in 55 cases in subjective symptoms as well as pathological findings. The results are encouraging as such the studies are continued. The results had been encouraging as improvement was noticed in subjective symptoms as well as pathological findings. The studies were concluded as no new cases were reported.
	Hooghly & Burdwan Distt. of W.B. (Jan. 1989 to July 1991)	--	--	195		Response Improvement Marked 124 Moderate 42 Mild 20 Expired during treatment 9	Andro. panc. Q, Bacillinum 3x, Ceanothus Q,6 Chelidonium Q China ars. 200 China off. 200 China sulph 3x Sulphur,	

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2.	Japanese Encephalitis (J.E.)	Distt. of Deoria, Basti, Maharajganj and Gorakhpur (Eastern U.P.) 29th Oct 1991 to 16th Nov., 1991	3,22,812 persons in 96 villages through Gram Pradhan School Teachers, Lekhpals, Primary Health centres etc.	Belladonna 200 (single dose)	14 cases of the sequelae of J.E.	See Observations	Belladonna Bryonia Causticum Gelsemium Pulsatilla Rhus tox. (potencies varying from 30 to 200)	Follow up of the 2,49,114 persons belonging to 76 villages who were given preventive was done and none of them reported any signs and symptoms of Japanese Encephalitis. Fourteen (14) cases of the sequelae of J.E. discharged from PHC's were treated with homoeopathic medicines and out of these there was total recovery in 10 cases and the remaining 4 cases have shown marked degree of improvement. Two hundred & twenty three (223) patients in remote areas were also given homoeopathic treatment and improvement was seen in all the cases.
3.	Meningitis	Sagar (M.P.) (April '89 to July '91)	10 lakh persons through Primary Health Centres, Schools, Municipal Deptt.	Argentum nitricum 200 & Meningococcinum 200	327	Improvement was noticed in mostly all of the cases.	Argentum nit. 200 Bacillinum 200 Belladonna 30,200 China 200 Ferr. phos 6x Gelsemium 30,200 Helleborus 30,200 Hyoscyamus 200 Meningococcinum 200 Tuberculinum 200	The drugs were prescribed on the basis of presenting signs & symptoms and to those patients who were admitted in the Distt. hospitals and were given along with the allopathic medicines. After the treatment it was observed that there was decrease in the mortality rate and morbidity of the disease. This has been certified by the Civil Surgeon, Distt. Hospital, Sagar (M.P.) The studies have been concluded as no new cases were reported. *This has been given as preventive to the High Risk Group such as family members, attendants etc. of the patient suffering from meningitis.

FUTURE PROGRAMME

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 concerted 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 facilities. 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 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), Bastar (M.P.), Bharmour (H.P.), Bhanu (Gujarat), Churachanpur (Manipur), Dadeli (Karnataka), Dimapur (Nagaland), Diphu (Assam), Gangtok (Sikkim), Gonda (U.P.), Iddui (Kerala), Itanagar (Arunachal Pradesh), Jeypore (Orissa), Leh (J&K), Pondicherry, Raipur (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 78 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 the doorsteps by organising camps.

3.3 ACHIEVEMENTS DURING THE YEAR 1991-92

The following table shows at a glance the achievements of twenty one (21) Units during the year under report. 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 pursuit of Clinical Research, as such the results obtained during the reporting year are mentioned in the disease oriented clinical research programme (1.1.19).

Besides conducting Drug Related Clinical Research Programme, these 21 tribal units also covered 79,699 persons in door to door survey and provided incidental medical aid. The total attendance in the out patient department was 2,19,094.

Sl. No.	Problem Assigned	Name of the Unit	No. of cases found effective		No. of cases prescribed		Drugs Found Effective with potency		No. of cases prescribed		Symptomatology of Most Effective Drug Found									
			4	5	4	5	6	7	8	9										
1.	Atopic Dermatitis	C.R.U.(T), Aizawl " , Bastar " , Bharmour " , Gonda " , Itanagar " , Ranchi " , Salem " , Siliguri " , Diphu	311	179	74	63	Kali ars. 6,30 Sulphur 3,6,200,1M Oleander 6 Graphites 6x,6,30 Hepar sulph 6,30,200 Ars. iod. 6,30,200 Euphorbium 30+200 Skookum chuck 3x,200 Merc sol. 30 Berberis aquifolium 200 Alnus 30,200,1M Hygrophilla 30	30	34	30	27	24	20	12	4	3	2	1	1	Kali arsenicum 6,30 Itching, intolerable, worse during undressing, from warmth and walking. Great restlessness, skin dry & scaly . Oleander 6,30 Skin eruptions vesicular type skin is very sensi- tive, feeling of sore- ness, Intensive itching symptom worse by dressing, on slightest touch affected skin becomes oedematous. All the sym- ptoms worse from heat, vesicular eruptions on scalp and behind the ears.
			318	220		60	38	Atista indica Q,30,200 Alstonia constricta 6, 30,200 Emetine 6,30 Leptandra 30 Ficus indica 30 Cynodon dactylon 30,200 Trombidium 30,1M,200,6 Nux vomica 30,200 Merc sol. 30 Sulphur 30,200,1M Ambrosia 30 Aloes 30,200	51	21	27	19	18	15	13	8	6	5	Atista indica Q,30,200 Diarrhoea due to dyspep- sia, colic, umbilical pain, stool 3-4 times in a day with colicky pain around the navel continued before & after the stool Alstonia 6,30,200 Stool mixed with mucus 4-5 times in a day < by eating, loss of appetite,	

Colchicum 30 3
 Asclepias tuberosa 30 3

3 bitter taste of the
 2 mouth. Pain in abdomen
 followed by stool relief after stool, 3-5 times;
 yellowish, semisolid, loose, oily, watery,
 with mucus,
 constant urging for
 stool, sits a long time for stool.
 Anorexia, irritation in throat, cough, in cloudy
 weather.

Ficus indica 30

Pain in abdomen followed by stool no relief
 after stool. Stool 5-12 times, yellowish red,
 black in colour, loose, semisolid with mucus &
 blood, constant urging for stool, no relief
 after stool, has to sit a long time in closet, with
 slight fever. Profuse mucus & blood with stool
 - emission of blood followed by evacuation of
 faeces with colic & patient has to bend double.

3. Malaria C.R.U.(T), Aizawl 223 141
 " , Diphu
 " , Gonda

Chiinum sulph 1x,6x 9 67
 30,200
 Sulphur 1M 24 24
 Arsenic alb. 6,30,1M 17 14
 Aranea diadema 30,200 13 12
 Nux vomica 30,200 9 7
 Chininum ars. 3x,30 3 3
 Chirata Q,1M 2 2

**Chininum sulphuricum 1x,
 6x,30,200**

Fever comes daily at 3p.
 m. with great shivering
 ringing in ears, headache
 increasing usually at
 noon, sensitiveness of
 vertebrae.

4. Tonsillitis C.R.U.(T), Aizawl 96 82
 " , Idukki
 " , Shillong

Tuberculinum 200,1M 56 53
 Baryta carb 30,1M 10 8
 Merc sol. 30,200 7 5
 Hepar sulph. 30,200 5 5
 Guaiacum 6,30 5 4
 Calc. carb 30,1M 4 3
 Baryta iod 30,1M 3 3
 Streptococin 30 1 1

Tuberculinum 200,

Enlarged tonsils, cough
 during sleep & evening,
 expectoration thick, very
 much susceptible to cold
 cough & fever aggravated
 by slightest exposure to
 cold.

5. Osteo- C.R.U.(T), Pondichery 191 34
 arthritis " Vijayawada

Formica rufa 30,200 36 7
 Radium brom. 200 36 7
 Angustura Q,6 19 -
 Caulophyllum 6,30 19 -
 Actea spicata 30 14 8
 Formic acid 30,200 12 7
 Lithium carb 30 8 5

Formica rufa
 Gout & Articular rheuma-
 tism - Pain worse by
 motion. Relief by press-
 ure, chronic gout &
 stiffness in joints.
 Weakness of lower extre-
 mities, paraplegia, pain
 in hip. Rheumatism
 comes on with suddenness
 & restlessness. Amelior-
 ation after midnight &
 from rubbing.

Radium brom 200

Found effective in Osteo
 arthritis. Pain at the
 nape of the neck, radi-
 ating to both hands with
 giddiness. Pain at back,
 pain in knee joints.
 Pain through the course
 of Sciatic nerve, agg.
 during night, cold
 water. Osteo arthritis
 with constipation. Piles
 Cervical spondylosis.
 Low blood pressure.

6. Rhinitis C.R.U.(T), Shillong 234 152
 " , Bastar
 " , Bharuch

Justicia adhatoda Q, 82 59
 6,30,200
 Lemna minor Q,3x,6,30, 67 57
 Saponaria 30 17 8
 Aurum mur. 30 14 8
 Anthemis nobilis 30 11 7
 Quillaya 30 10 5
 Menthol 30 5 5

Justicia adhatoda

Running nose with cough,
 discharge thin, watery,
 white, thick, whole day,
 dripping in throat worse
 in evening, morning, night,
 by cold. Blockage of
 nose < at night, cough
 dry in nature, whole day
 worse at night, in evening, by
 cold, relief by expectoration,
 dryness of throat, bodyache,
 relief by massage, headache
 frontal region, feverish
 feeling, thirst feeling susceptible to
 cold.

Rheumatic
Arthritis

C.R.U.(T), Bharmour 253 130
" " Bharuch
" " Dandeli

Actea spicata Q,6
Caulophyllum 6,30
Angustuts Q,6
Stellaria Q,6
Formica Q,6,30,200
Lithium carb Q,6,30
Radium brom. 6,30,200
Formic acid 30
Magnolia 30

50 27
32 21
29 20
16 15
16 14
16 5
12 4
8 4
3 2

Lemna minor 30
Profuse mucopurulent discharge from both nostril, worse in the air & night. Blockage of nose (left nostril) agg. night, cold frequent sneezing. Itching in nose. Discharge from eyes agg. cold, loss of smell worse during winter, rainy & damp weather. Deviated nasal septum. Nasal mucosa congested & red, dripping in throat. Cough amel. by expectoration dryness of throat.

Actea spicata Q,6

1. Painful swelling of the wrist & fingers worse by touch.
2. Pain in knee with swelling agg. by slight, fatigue and motion.
3. Lameness of right arm & right wrist
4. Paralytic weakness of hands.
5. Rheumatic pain in small joints, wrist, fingers, ankles, toes etc.

Caulophyllum 6,30

Erratic pains & stiffness in small joints, cutting pain on closing the hands. Pain has character to shift to another joint in very short time.

Angustura Q,6
Clicking in all joints,
swelling & redness of
joints, pain in knees.

Coldness of fingers.
Pain in limbs on knealing

8. Helminthiasis

C.R.U.(T), Salem
" " Bharmour
" " Diphu
" " Dimapur
" " Itanagar
" " Jeypore
" " Churachanpur
" " Gangtok

Embellia ribes Q, 3x, 30 73 65
Filix mas Q, 3x, 30 67 55
Chelone Q, 30, 200, 3x, 3 59 45
Santoninum 3x, 6x, 30, 200 44 32
Vernonia 200, Q, 3x 23 16
Thymol 3, 6, 30 16 15
Cina 30 7 6
Sinapis alba Q, 3x 4 1
Granatum 30 2 2
Scirrhinum 200 2 2

Embellia Ribes Q,3x,30
Patient always picks at his nose & shrieks during sleep. Pain in the abdomen, grinding of teeth, itching in anus. Nausea, hunger soon after a meal, abdomen distended.

Filix mas Q,3x,30

Worm infection with constipation. Remedy for tapeworm infection. Abdomen is bloated, griping and gnawing type of pain worse by eating sweets, itching of the nose, pale face, blue rings around the eyes.

Chelone Q,3,3x,30,200

It is an enemy to every kind of worm infesting the human body. It is useful in thread & round worm infection. Poor appetite, poor digestion. It is a remedy for liver trouble, i.e. Jaundice, soreness of left lobe of liver.

Santoninum 3x,6x,30,200

Gastro-intestinal irritation, itching of the nose, disturbed sleep, indicated in Ascaris lumbricoides and thread worm infection, grinding of teeth, nausea better after eating.

9. Amoebiasis C.R.U.(T), Dandeli 523 432
 " , Dimapur
 " , Gonda
 " , Itanagar
 " , Jeyapore
 " , Churachanpur
 " , Gangtok
 " , Tripura

Atista indica Q,6,30 99 83
 Trombidium Q,6 82 74
 Cynodon dactylon Q,3x,6,30 68 49
 Alstonia constricta Q,3x,6x,30 56 36
 Leptandra Q,6,3x 50 33
 Asclepias tuberosa Q,6,30 47 31
 Emetine 6,30 32 29
 Holarrhena antidysenterica Q,6 23 21

Merc. sol. 30 11 10
 Silphium 30 8 6
 Ficus indica Q,3x 7 6
 Raphanus Q,6 6 5
 Zincum sulph. 30 2 1
 Ambrosia 30 2 1
 Colocynth 30 1 1

Atista indica Q,6,30
 Frequent eructations after meat. Heart burn 3 to 4 hours after food. Desire for limejuice, pain in abdomen around the navel. Alternate diarrhoea & constipation, loss of appetite. Giddiness, Indigestion.

Trombidium Q,6
 Specific - Burning in anus. Symptoms are worse by food & drink. Pain in abdomen, before & after stool. Gripping in hypochondrium, in morning. Stool-Brown, thin, bloody with tenesmus stools only after eating.

Cynodon dactylon Q,6,3x,30
 Diarrhoea with Anasarca. Bleeding piles, colic around navel before diarrhoea. Bilious catarrhal vomiting epistaxis.

Alstonia constricta Q,3x,6x,30
 Feeble digestion, debility, Anorexia,

malarial disease with diarrhoea, bloody stool, Gone sensation in stomach, sinking in abdomen, diarrhoea immediately after eating, from bad water, painless watery stool, violent purging & cramp in bowels.

Leptandra Q,6,3x
 Black foetid stool, umbilical pain, prolapsus rectum. Liver remedy. Stool profuse, black

tarry, clayey, fetid, prolapsus of rectum, with bleeding piles. Feeble portal circulation, Rectal haemorrhage. Bilious states. Typhoid stools turn black & look like Tar. Vertigo, Drowsiness, Depression. Tongue coated yellow, Aching in region of liver extending to spine, which feels chilly, great distress in stomach & intestines with desire for stool.

10. Bronchial Asthma C.R.U.(T), Dandeli 122 104
 " , Leh

Grindelia Q,6 32 31
 Kali chloricum 30 18 14
 Coca Q,6 16 14
 Pothos Q,6 15 15
 Moschus 6 14 13
 Naja tripudians 30 14 13
 Ambrosia Q 3 2
 Caladium Q 2 2

Grindelia Q,6
 Difficult breathing while lying down. Frothy profuse tenacious mucus. Difficult breathing amel. sitting. Agg. after Grindelia is combated by few doses of Antim tart 30.

Kali chloricum 30
 Asthma with ulceration of mouth. Heaviness of abdomen. Breatlessness with flatulence of abdomen.

Pothos Q,6
 Asthma > by stool. Pain in chest with difficult breathing. Tongue feels numb.

11. Rheumatoid C.R.U.(T), Bastar 253 203
 Arthritis " , Tripura
 " , Idukki

Radium brom 30,200 29 19
 Actea spicata 30 23 22
 Caulophyllum 30 18 18
 Lithium carb 30 15 14
 Magnolia grandiflora 30 6 3
 Formic acid 30 2 2
 Formica rufa 30 2 1
 Stellaria medi 30 2 1

Radium Brom. 30,200
 Pain in both knee &
 ankle joints with swell-
 ing, weakness. Pain
 worse during night &
 better by gentle
 massage. Tenderness of
 ankles & knee joints of
 both sides. Anaemia.

Actea spicata 30
 Rheumatic pain in small
 joints, loins, wrist,
 pain worse from touch &
 motion. Great oppression,
 Dyspnoea on exposure to
 cold air, at night while
 lying. Caries of long
 bones. Fearful, confused, Tearing tingling pain,
 pulsation over whole
 body. Swelling of joints
 from slight fatigue.

Caulophyllum 30
 Spasm of stomach. Dyspepsia with spasmodic
 symptoms Dysmenorrhoea,
 menses & leucorrhoea profuse, habitual abortion
 from uterine
 debility, stiffness &
 aching, small joints-finger, toes, ankle,
 wrist, erratic pains
 changing place every few
 minutes. Drawing erratic pains. Needle like pains in
 cervix. Fretful/exhausted/thrush locally &
 internally.

12. Bronchitis C.R.U.(T), Gangtok 56 46
 " , Jeypore

Senega 30,200 16 15
 Lobelia inflata 30,200 13 10
 Justicia adhatoda Q 13 9
 Ars. alb. 200 7 6
 Kali iodatum 30,200 6 5
 Antimonium iodatum 30 1 1

Senega 30,200
 Sensation of heaviness
 in chest & continuous
 cough with difficulty to
 raise the phlegm, profuse
 mucus, cough ending in

sneezing. Pain in back
 on coughing aggravated
 by walking in the open
 air, sensation of oppre-
 sion in chest while
 ascending steps.

Lobelia inflata 30,200
 Difficulty in breathing with constriction of chest. agg.
 from any exertion.

Feels as if his/her heart would stop if he/
 she work much.

Continuous ringing cough worse by slightest
 motion.

Tachycarda, wheezing.

Justicia adhatoda Q
 Cough with frequent continuous sneezing, dry
 cough with heaviness of the chest & gasping for
 breath when the cough is severe.

13. Cervical C.R.U.(T), Churachanpur 50 38
 Erosion &
 Cervicitis

Hydrastis 30,200 23 18
 Fagopyrum Q,3,6 15 9
 Ustilago Q 4 4
 Hydrocotyle Q,3,6 2 2
 Fluoricum acidum 30, 2 2
 200,1M
 Thlaspi bursa Q 2 2
 Lilium tig. 30,200 1 1

Hydrastis 30,200
 Leucorrhoeal discharge
 of yellowish colour agg.
 after the menses.
 Leucorrhoea agg after
 the menses.
 The discharge is stringy
 in character.
 Pruritus vulvae.
 Complaints associated with liver trouble.
 H/o Syphilitic background.

Fagopyrum Q,3,6
 Excessive itching of the

genital organs. Pruritus vulva, profuse yellow leucorrhoeal discharge, pain & tenderness in the lower abdomen. Backache low down the sacral region. Dysuria with frequent micturition pain & tenderness & burning sensation in the left ovarian region.

14.	Diabetes C.R.U.(T), mellitus	Pondicherry Vijayawada	147	45	Cephalandra indica Q,3x	24	15
					Insulinum 3x	22	7
					Syzygium jambolanum Q	21	15
					Abroma augusta Q	20	8
					Chimaphila umbellata Q, 3x,30	3	-
					Uranium nitricum 3x,6x	3	-

Cephalandra indica Q,3x
Glycosuria, excessive dryness of mouth with great thirst for large quantity of water at a time. Profuse, frequent urination. Weakness after urination. Slight loss of appetite, perspiration excessive, intolerable burning in palms & soles and all over body. Hyperglycaemia

Syzygium jambolanum Q
Glycosuria, polyuria, great thirst, weakness, polyphagia, Emaciation or obesity, Hyperglycaemia, Diabetic ulcer, red eruption itching on the body. Used in juvenile diabetes, onset type and maturity onset type of diabetes mellitus. Drawing pains in the limbs, weight loss, tingling and numbness of palms & soles

15.	Peptic Ulcer	C.R.U.(T),Pondicherry	82	42	Atropine 30,200,1M	46
					Acetic acid 30,200,1M	13
					Condurango 200,1M	6

Atropine 30,200,1M
Pain in umbilical region radiates to all parts of abdomen, acute peritonitis. Rebound tenderness of abdomen with redness of mouth, fever, Neuralgic pains.

16.	Sinusitis	C.R.U.(T), Salem Gangtok Vijayawada	117	81	Lemna minor Q,30,200	27	19
					Sanguinaria nitricum 30, 200	24	19
					Sinapis nigra 200	17	10
					Aurum mur. 30	15	9
					Justicia adhatoda 30,200	12	11
					Saponaria 30	9	7
					Menthol 30	7	6

Lemna minor Q,30,200
A catarrhal remedy. Acts specially upon the nostrils. Complaints worse in damp cold weather. Dryness of the nostrils, naso-pharynx. Mucopurulent discharges from nostrils. Putrid smell, loss of smell, pain like a string from nostril to ear. Reduces nasal obstruction. When it is an oedematous condition. Acts on nasal polyp. All complaints are worse in wet weather, specially heavy rains

Sanguinaria nitricum 30,200
Polypus of nose, acute & chronic catarrh, acute pharyngitis, influenza, lachrymation, pain in eyes & head Nose feels obstructed profuse watery mucus with burning pain, enlarged turbinates at beginning of hypertrophic process. Secretion scanty, tendency to dryness, small crusts which bleed when removed. Postnasal secretion adherent to nasopharynx dislodged with difficulty. Dry & burning nostrils, watery much with pressure over root of nose. Nostrils plugged with thick yellow bloody mucus, sneezing, rawness & soreness in posterior nares.

Sinapis nigra 200
Scanty & acrid discharge from nose. Stoppage of left nostril all day or in afternoon and evening mucus from posterior nares feels cold. Dry hot lachrymation with sneezing, hacking cough better by lying down. Nostrils alternately stopped. Asthmatic. breathing better by lying down.

Justicia adhatoda 30,200
Dry cough, Hoarseness of voice, thin watery discharge from both the nostrils, constant sneezing worse towards evening and in closed room Frontal dull headache heaviness of the head, loss of smell and taste, coryza, spasmodic cough, cough with great irritability.

Asthma, difficulty in breathing after the attack of cough, worse in closed room. Tightness across the chest. Sensitive to dust and pollen grains etc.

Bryonia 30,200, 100
 Rhus toxicodendron 30,200
 Coded drug 30,200, 1M
 Rhododendron 30
 Pulsatilla 30,200
 Merc sol 30
 Lycopodium 3x,200
 Veratrum album 30,200
 Nat mur 30
 Ars alb. 30

17. Filaria C.R.U.(T), Ranchi 116 23

36 10
 18 5
 9 2
 7 3
 2 1
 2 1
 1 1
 1 1
 1 1
 1 1

Bryonia 30,200,1

Filarial swelling & pain worse by movement & better by rest. Painless swelling left leg, left foot, right leg, right hand, ankle joints, scrotum, testes, Pitting oedema swelling worse motion, standing, warm weather getting wet, working in cold water and hanging down. Better rest, pressure, bandaging lying on painful side. Pain agg. motion, standing, warm weather, getting wet, hanging down, winter. Better by rest, lying on painful side, pressure (Bandaging).
 Complaints associated with lymphadenitis, lymphangitis, chill & fever itching of parts, cutaneous erythema.

18.

Gastro-enteritis

C.R.U.(T), Idukki 38 31

Gambogia 30
 Jalapa 30
 Jatropa 30
 Podophyllum 30
 Veratrum alb. 30
 Croton tig. 30

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FUTURE PROGRAMME

Research on Drug related Clinical Research Projects and Survey in Tribal Areas to continue.

4. CLINICAL VERIFICATION RESEARCH

The pathogenesis of any homoeopathic drug needs to be repeatedly verified clinically in order to qualify as valid and reliable for subsequent therapeutic use. Thus, clinical verification of drug pathogenesis is as important as original proving of drugs on healthy human beings. This becomes even more important in case of drugs which are either new entrants into the Homoeopathic Materia Medica or not extensively proved and therefore, their complete drug pictures are not available.

Clinical Verification not only provides help in confirmation of available pathogenesis but also helps providing additional data in the form of other clinical symptoms/signs found relieved during verification trials.

4.1. 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), and Clinical Research Unit, Jaipur.

The Council has undertaken verification of symptomatology of sixty two drugs. This includes the 16 drugs proved by the Council which are being clinically verified.

4.2. WORK DONE DURING THE YEAR 1991-92

During the period under report the Clinical Verification work with regard to the sixty two assigned drugs was continued. A compilation of the symptoms found relieved (region wise) under each drug has been prepared and is included in this report indicating there in the source of the symptom.

The additional symptoms which have been found relieved during the course of treatment are also mentioned under each drug separately.

SOURCE BOOKS

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

4.3 CLINICAL VERIFICATION DRUGS

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

*- Drugs proved by the Council.

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

Name of drug: *Abroma augusta*

Potencies used: 6,30,200

Location	Symptom	Dura- tion of com- plaint.	No.of Pati- ents trea- ted	No.of Patients found relieved	Dura- tion of treat- ment	Source No.
1.	2.	3.	4.	5.	6.	7.
Mind	Irritability	15days-3months	3	3	12-22days	7
	Lethargy	7days-2months	2	2	7-12days	8
	Indifference	1month	1	1	10days	8
Head	Restlessness with dislike for everything	15days-3months	4	2	10-18days	8
	Vertigo with gid- diness	3-20days-7years	306	179	4-10days	4
	Headache dull aching better in open air and pressure	3-20days	254	139	3-12days	8
	Stitching pain in forehead >pressure	7-15days	5	3	7-14days	8
Eyes	Headache-vertex (bursting type)	3-8months	87	49	2-3weeks	8
	Redness & swelling of eyelids <at night > in day time	2-5days	2	2	2-4days	8
Ears	Burning in eyeballs with vertigo	7-20days	3	3	3-7days	8
	Pain in ears	2-15days	18	5	4-7days	8
	Hardness of hearing	10days-1month	31	5	6-11days	7
Nose	Otorrhoea thick whitish discharge		10	6	3-7days	8,7
	Coryza with prof- use watery nasal discharge	3-10-2years	95	57	2days	8
	Sneezing with feeling of weak- ness & burning in nose	8days	1	1		8
Throat	Sore throat	2-3months	8	6	2-3months	8

Mouth	Heaviness & soreness of tongue	3days	1	1	2days	8
	Aching pain with swelling of gums agg. eating	3-10days	2	1	2days	8
	Dryness of mouth with excessive thirst	2days-2year 3days-3month	61 189	31 96	1-8days 7-20days	8 8,9
Stomach & Abdomen	Flatulence <after meal	5days-2years	357	205	3-14days	4,9
	Pain in abdomen umbilical region worse in afternoon	3-20days	239	138	3-12days	8
	Appetite increased	15days-4years	4	2	4weeks	8
	Desire for warm & sweet things	3-6months	7	7	10-18days	8
	Loss of appetite	7-20days	92	33	7-10days	7
	Nausea <during menses	6months	1	1	10days	8
	Colicky pain in abdomen <after eating	3-10days	2	1	2days	4
	Constipation	7-30days-2years	374	202	2-40days	8
	Weakness after passing stool	5days	1	1	2days	7
	Stool-dry-hard Stool-frothy	4days-2years	49 17	21 7	1-21days 1-18days	6,4
Urinary	Profuse, frequent urination	7days-8years	248	134	6-3months	5
	Burning during urination	7-10days	62	46	3days	8
Female genitalia	Leucorrhoea with thick whitish discharge	7days-1year.	187	103	9-20days	8

Respiratory	thin whitish discharge	2months-3years	29	20	4days-4weeks	4
	irregular painful, scanty menses	1-6months	176	84	1-2years	8
	Menstruation-profuse, delayed & scanty, black & clotted	3yars 2-6months	1 4	1 3	2weeks 1-2months	8
	Amenorrhoea	5months-5years	2	2	1-15days	7
	Dysmenorrhoea	3days-1year	12	3	2-8days	7,8
	Cough with thick whitish discharge <evening with backache	6months-8years	4	2	4-18days	8
	Dry cough* <at night	4-15days-1year -do-	82	38	5-15days-1month 2days	8
	Cough with expectoration-thin yellow	3-15days	1	1	3-10days	8
	Backache <movement >rest	2-4months	318	205	12days-4month	8
	Palpitation of heart better by lying, <movement	4-20days	4	3	2-12days	5
Back	Pain in left side of chest	7-20days	361	192	4-11days	4,8
	Pain in chest <evening	2-6days 2-4 days	67	47	3-6days 2-3weeks	4-8
Chest	Disturbed Sleeplessness	1-15days 10-30days	49 115	28 57	3-10days 3-14days	8
	Pain in joints <movement < by rest	4days-1year 8days	286	158	2-10days	8
Sleep	Pain in left knee joint <walking >rest	7days-1year	1	1	2days	8
	Pain in legs < movement	2days-1year	2	2	3-5days	8
Extremities	Pain in left knee joint <walking >rest	7days-1year	177	105	4-20days	1
	Pain in legs < movement	2days-1year	177	105	4-20days	1

Skin	Dry small papular eruptions with itching	7-15days	4	2	6-10days	8
Fever	Fever with chill and bodyache.	2-7days	130	51	1-5days	8

Name of drug: *Acalypha indica*

1.	2.	3.	4.	5.	6.	7.
Head	Dull aching pain in forehead	2-18days	31	12	2-4days	7
Nose	Coryza with thin nasal discharge <morning	2-10days	25	16	3-8days	7
	Epistaxis-bright red (<hot weather) <morning	2days-3months	61	37	1-10days	7,9
Abdomen & Rectum	Pain in abdomen Stool loose-watery with forcible expulsion of noisy flatus	3-6days 1-20days-5months	30 119	21 67	2-6days 2-15days	7 4,7
Respiratory	Dry cough<morning <evening & night	2-15days 2weeks-4months	40 13	23 4	4-10days 2-4weeks	7 4,7,9
	Cough-expectoration mixed with blood < in morning	2-20days-6years	20	13	2-13days	7,8
Chest	Expectoration-thick white with blood	2weeks-4months	14	7	2-4weeks	7
Fever	Pain <coughing Fever with chill <morning	2-8months 1-4days	8 24	9 15	2-7days	7

Name of drug: *Achyranthes aspera*

1.	2.	3.	4.	5.	6.	7.
Nose	Cough (Thin nasal discharge <in morning, evening and night)	2days-2months	329	209	3-8days	9
Rectum	Stool-loose, watery mixed with mucus (Cyst of EH positive)	1-10days-3months	334	208	2-7days-4 weeks	4,7
			4	2		

	Diarrhoea with nausea and vomiting	2months	1	1	2weeks	7
	Pain abdomen before and during stool (Dysentery)	4weeks	1	1	2weeks	7
Fever	Fever with headache and bodyache with shivering <night <morning	1-7days	180	116	2-6days	9
		2-9days	12	9	2-11days	
		2-6days	4	3	2-4days	
Skin	Boils red painful	3-6days	6	5	3-7days	4,9
		2-30days	248	140	3-10days	
		2-3months	79	58	1-2weeks	7,9
	Vesicular eruption with tendency to suppuration	4-6weeks	10	7	1-2weeks	
	Ulceration on hands and feet	2months-8year	24	16	4-6weeks	7
	Abscess	1day-3years	83	38	2-20days	7,9

Name of drug: *Aegle folia*

1.	2.	3.	4.	5.	6.	7.
Head	Frontal headache	3-10days	200	117	2-9days-4weeks	8
	>open air (<4-8 p.m.)	2days-1month	2	1	1month	7
Nose	Coryza with bland white nasal discharge and heaviness of head	1day-1year	12	7	2-16days	8
Stomach & Abdomen	Flatulence (with heaviness in abdomen >passing flatus)	5days-3month	324	268	3-12days	9
	Indigestion	7days-1month	301	135	3-12days	9
	Stool-hard mixed with mucus	1-2 years	1	1	2weeks	8
	Gripping pain in abdomen (around navel) <after eating	3-20days	256	147	4-10days	8
	Stool-loose mixed with mucus and blood, and pain in abdomen	2months-3years	94	62	2-4weeks	9
		2-7days	300	172	2-7days	

Alternate constipation and diarrhoea	17days-6months	196	93	4-16days	7,9
Constipation (hard stool)	10-30days-5years	281	152	5-10days-8weeks	7
Piles-external blind bleeding	15days-2years 6months-5years	131	78	6-30days	9
Respiratory Dry cough	4-10days	121	61	3-9days	9
Skin Ring worm like eruption in inguino-scrotal region with itching.	4months	1	1	2weeks	7

Name of drug: Aegle marmelos

1.	2.	3.	4.	5.	6.	Potencies used: 3x, 6x, 12x
Head	Bursting pain < evening	2-20days	473	305	3-10days	8
Eye	Vertigo	3-9days	42	35	4-8days	8
	Stitching pain in right eye with sensation of dust particles in eye and burning sensation	3-7days	11	11	2-5days	
Nose	Cough with watery nasal discharge and sneezing	3-10days	292	169	3-7days	8
Stomach	Indigestion with sour eructations	7-30days	117	117	3-20days	8
Abdomen	Loss of appetite	7-20days	347	206	6-15days	9
	Pain in abdomen around navel < after eating (cramping pain)	2-15days	530	322	7days-1month	8
	Constipation-(hard stool)	2-5years	27	21	3-9weeks	8
	Stool-constipated mixed with mucus semisolid, with mucus and blood (Dysentery)	7days-3month	687	391	7-20days	7
		2weeks-2years	38	23	1-8weeks	

Flatulence < in afternoon	10days-2years	484	266	3-16days	8
Loose motion	2-7days	64	56	3-6days	8
Bleeding piles (external & painful)	1month-10years 1day-40years	71	69	2weeks-3month	7
		20	11	2-27days	
Night emission	15-30days	34	16	7-30days	8
Backache	7-15days	132	72	2-10days	8
Pain in calf muscle	3days-6months	224	134	3-20days	8
Itching without eruptions on whole body	7-20days	29	18	6-12days	8
Papular reddish eruption with itching	7-30days	364	200	4-18days	8
Fever					
Fever < in evening	1-7days	198	118	2-7days	8
Fever with cough and cold	2-8days	18	13	2-8days	

Name of drug: *Alstonia constricta*

Potencies used: 6,30

1.	2.	3.	4.	5.	6.	7.
Fever	Intermittent with chill <at night (with all gone sensation in abdomen)	1 day-8months 7days	53 1	28 1	3days-3 weeks 3weeks	9
Mouth	Bitter taste in mouth (in malaria)	2-3months	14	9	2weeks-1month	4
Abdomen & Rectum	Stool loose watery with undigested food particles	2-12days	93	55	2-4days	9
Female	Leucorrhoea	3months-3years	3	2	3-7days	9

Name of drug: *Amoora rohituka*

Potencies used: 6,30

1.	2.	3.	4.	5.	6.	7.
Mind	Forgetfulness	1month	20	12	1month	4,7
Head	Pain-Temporal region (>pressure)	3-15days	76	45	3-10days	
	-occiput<day time -frontal<sun rays (>pressure)	3months-3years 4-10days	7 26	5 20	3-6weeks 2days-11months	7
Mouth	Bad taste in mouth Bitter taste < morning	1month	23	16	5days	7
Stomach & Abdomen	Nausea & vomiting	3-30days	15	12	3-5days	9
	Constipation (hard stool)	7days-2months	99	68	3-20days	7
	Pain in abdomen	2-15days	48	32	3-7days	9
Female Genitalia	Bleeding piles	10days-12years	83	50	7-15days	8
	Leucorrhoea white thin with constipation	4months	17	9	10-20days	7
Extremities	Burning sensation in hands & feet	3months	22	15	3-30days	

Fever	Fever with headache, bodyache & constipation	1-30days 3days	88 70	56 36	3-17days 5-11days	4,9
	Liver enlarged	1-30days 15-30days	17 3	6 2	2-9days 2-4days	
Generalities	Flushes of heat in whole body	2-5years	7	5	3-4weeks	7
	Weakness		1	1		

Potencies used: 6, 30

Name of drug: *Anthrakokali*

1.	2.	3.	4.	5.	6.	7.
Stomach & Abdomen	Vomiting of bile	3-10days	12	8	3-7days	4,1
	Distension of abdomen	7-15days	38	29	7-12days	1
Extremities	Cracks on palms & soles	7days-3years	47	29	7-15days	1,4
	Vesicular eruption in groin and near genitalia	2-6months	27	18	2-3weeks	4
Skin	Blackish eruption with itching < at night	7days-1year	380	238	4-15days-4 weeks	9
	Reddish eruption with itching	7days-2years	257	139	4-15days	9
	Ecematous eruption with itching	7days-1year	144	81	10-21days	1
	Papular eruption with itching on whole body <at night	10days-6months	60	32	7-17days	4,9
	Vesicular eruption with itching	10-30days-7years	140	85	9-14days-4weeks	4,9
	(Thin yellowish exudation) with pus discharge	2months-3years	88	57	2-8weeks	
	Scabies with itching < cold	5days-5years 10-25days	117 26	55 20	2-40days 5-15days	4

Name of drug: Aranea diadema

Potencies used: 6,30

1.	2.	3.	4.	5.	6.	7.
Head	Headache-frontal region > in open air	7days-1year	4	3	4-9days	4
Nose	Coryza with thin nasal discharge better in warm room	3-15days	9	8	4-6days	8
Stomach & Abdomen	Constipation Diarrhoea with loose watery stool with rumbling in bowels	7days 2days	1 1	1 1	4days 2weeks	8
Genitalia (Male)	Night emission	15days-3months	7	6	7-30days	8
Female Genitalia	Dysmenorrhoea	2months-3years	2	1	2months	4
Generalities	Susceptibility to cold	6months-1year	3	2	15-25days	4

Potencies used: 3x, 6x, 1M

Name of drug: Arsenicum sulph flavum

1.	2.	3.	4.	5.	6.	7.
Head	Frontal headache < in sun	2-5months	4	4	2-3weeks	1
Rectum	Diarrhoea-loose watery < during day	2-10days	25	19	2-6days	1
Extremities	Pain right knee < movement > rest	1month	2	1	20days	4
Skin	Whitish spots on whole body with itching	1month-12years	159	79	15-30days	9
	Depigmented spots over body	6months	103	36	4months	1,2

Name of drug: Bacillinum

Potencies used: 30,200,1M

1.	2.	3.	4.	5.	6.	7.
Nose	Coryza Thin watery nasal discharge	2months-3years	52 48	26 32	2-3weeks 1-2weeks	1,4
Respiratory	Cough with thick yellowish expectoration	10days-2months	149	53	4-12days	4
	Difficulty in breathing < night	7-20days 2-5years	20 6	20 5	15days-1year 3-6weeks	4
Neck	Inflammation of cervical glands	1month-5years	97	57	15-30days	1
Skin	Ring worm like eruption	15days-2years	69	55	10-24days	8,9
Generalities	Susceptibility to cold from bathing	3months-10years	140 135	72 113	15-32days	9

Potencies used: 6,30

Name of drug: Baryta iodatum

1.	2.	3.	4.	5.	6.	7.
Throat	Tonsillitis	4days-6years	120	70	4-14days	4
	Tonsils-enlarged pain < swallowing	1day-3months 1-2days	14 2	9 1	1-31days	4
Neck	Inflammation of cervical glands	10days-2years	117	56	15-26days	9
	Glands-indurated	7days-6months	132	58	10-30days	4

Potency used: 30

Name of drug: Baryta muriaticum

1.	2.	3.	4.	5.	6.	7.
Head	Headache with heaviness (< evening) frontal	3-15days	147	97	4-15days	1,4
	Vertigo	2-3years 15days-10years	20 27	12 22	2-4weeks 1-18weeks	1,4
Ear	Otorrhoea with thin offensive discharge	7days-3months	115	70	4-12days	1,4,8
	Pain in ear	10-20days	27	21	6-10days	4

Throat	Hypertrophy of tonsils	2-3years	2	1	5weeks-2month	
	Inflammation of tonsils with pain on swallowing <cold >hot	3days-6months	208	131	3-12days	4
	with fever	3-15days	22	20	5days	4
	Difficulty in swallowing	6months	1	1	3-15days	1,4
		4-10days	64	41		
Nose	Coryza (thin nasal discharge)	3-7days	71	44	7-12days	1
Stomach	Pain in epigastrium<after eating	7-15days	36	25	4-10days	4
Chest	High blood pressure	5days-15years	27	21	2weeks-3month	
Respiratory	Dry cough (<at night)	3-15days	169	107	3-10days	1
	Cough with rattling and difficult expectoration, and restlessness	15days-2years	5	5	2weeks-2month	
Extremities	Pain in joints <night	2-5years	8	6	2-4weeks	1,4
Generalities	Inflammation of cervical gland	3days-6months	107	61	10-24days	

Name of drug: Benzinum nitricum

1.	2.	3.	4.	5.	6.	7.
Rectum						
	Loose-stool (watery and yellowish in colour) with thirst	2-7days	22	17	1-5days	9
		10days-3years	5	3	1-6days	

Potencies used: 6,30,200

Name of drug: Benzoicum acidum

1.	2.	3.	4.	5.	6.	7.
Face						
	Brownish spot on face	7days-2years	80	40	4-22days	1,4
Mouth	Gums become bluish and bleed	3months-2years	4	3	7-29days	4

Abdomen	Flatulence with heaviness of abdomen	6days-3months	37	16	6-15days	9
	Pain cutting around navel	2-6months	4	3	1-2weeks	1,4
Stool	Stool-watery like soap	2-20days	24	18	2-20days	1,3
Urine	Offensive urine	10days-3months	41	31	9-15days	1,4
	Nocturnal enuresis	0-6years	9	7	1-3weeks	4
Female	Leucorrhoea with thick whitish discharge	15days-6months	30	14	9-20days	9
Back	Backache>bending forward	2-8 years	25	17	2-8weeks	1
	low back pain	2months	5	4	1month	-
Extremities	Pain in joints with Cracking sound on movement	15days-7months	76	43	3-12days	4
	Pain and swelling in knee joints	15days-35years	21	13	1-7months	4
	Ganglion (wrist)	15days-6months	34	24	10-30days	4
	Pain & swelling tendo-achillis <morning >pressure	2months-1year	2	1	2-9weeks	4
	Pain right knee joint	2-5years	29	19	2-8weeks	4
	Oedematous swelling in joints.	2-8months	7	4	2-3weeks	4

Name of drug: Berberis vulgaris

Potencies used: 6,30,200

1.	2.	3.	4.	5.	6.	7.
Head	Frontal headache with vertigo	7days 15days	1 1	1 1	25days 25days	4 4,1
Throat	Hoarseness of voice	2-5days	11	9	2-6days	1,4
Mouth	Aphthae with burning	3-4days	2	2	2weeks	9
Stomach & Abdomen	Pain gall bladder region <pressure	3days-1year	33	20	2-36days	1
	Pain in the region of kidney (<by passing urine)	10days 4days-6months	1 37	1 21	10days 3-20days	4
	Nausea before breakfast	4months	28	25	1month	1
	Stool-hard constipated	7-30days	2	1	5-8days	4
Urinary	Fistula in ano	15months	1	1	7days	4
	Passes urine drop by drop and burning during micturition.	7-20days 3months-2years	47 237	47 219	4-11days 2-6weeks	4 2weeks-2months 4
	Dull pain in left lumbar region & dull backache, > hard pressure	5days-3years	66	41	2weeks-2months	1,4
	Burning during micturition (left ureteric calculus)	6months	1	1	3months	1,4
	Frequent urge for urination	2months-3years	9	6	10days-1month	1,4
	Stitching pain right renal region radiates obliquely downward agg. walking	6month-1year	222	195	1-4months	1,2,4

Female

Menses too late & profuse

15days-2months

13 11 4-22days 9

Menses blackish, too early

6months

16 13 4days-1month 4

Leucorrhoea (Thick whitish discharge < on movement) with severe backache

15days-3years

13 8 4-15days 1,4

Chest

Palpitation of heart

2-6months

22 18 1-2months

Skin

Flat warts (Blackish brownish in color, more on hands, face & neck)

7-10days

2 2 5-8days 1

Hyperpigmented eruptions over legs and neck with itching and burning <scratching >cold application

15days-1year

49 20 15-32days 4

Extremities

Pain in heels <walking, standing

30years

1 1 2months 4

Pain in joints

25days-1year

12 6 3-22days 4

Pain both knee joints < getting up, sitting, night with burning during micturition.

3month-3year

34 22 2-4weeks 1,4

Back

Swelling ankle joint <movement

1month

1 1 8weeks 4

Backache <sitting, walking >lying down <motion

1-2years

3 2 7-19days

Name of drug: Blatta orientalis

1year
2months

1 1 2weeks
2months 1,4

Respiratory

Cough with difficulty in breathing <from inspiration & exertion <night

7days-4month

159 144 3-20days 9

6month-3years

39 24 2-8weeks 4

Cough with thick white expectoration	2-30days	.111	66	3-12days	9
Cough-paroxysmal <night	3month-5year	202	154	2-4weeks	4
Expectoration thick yellow	3month-5year	88	48	2-4weeks	4

Name of drug: *Boerhaavia diffusa*

Potencies used: 6,30

1.	2.	3.	4.	5.	6.	7.
Head	Frontal pain <heat of sun	3-8days	2	1	20days	8
	Bursting headache >by pressure	3-20days	80	45	3-10days	4,8
Ear	Vertigo		9	6	6-13days	8
	Pain in ear agg. cold wind	3-7days	2	2	3-10days	9
Nose	Cough with thick nasal discharge	2-10days	35	18	2days-1month	7
Abdomen	Pain in hepatic region with liver enlargement	4-15days	7	5	22days	8
	Flatulence with distension of abdomen	3years	1	1	8days	8
Male Genitalia	Nocturnal emission with increased desire <morning	10days	1	1	3-10days	8
Respiratory	Dry cough <at night	3-10days	12	9	5-9days	9
Chest	Cough with thick whitish expectoration	7-20days	38	15	6-14days	7
	Palpitation of heart (worse when alone)	5days-6months	92	47	10-23days	7
Extremities	Hypertension	10days-4years	48	19	3-4weeks	8
	Pain in joints	2-4years	5	4		

Sleep	Sleeplessness (with anxiety & nervousness)	2days-6months	18	9	4-14days	8,9
Fever	Fever with chill <at night	2-5days	22	12	2-4days	8
Generalities	Dropsical swelling all over the body, over legs & face	1month-3years	46	23	20-26days	4
		1month-8years	9	6	2-8weeks	

Potencies used: 6,30

Name of drug: *Cassia sophera*

1.	2.	3.	4.	5.	6.	7.
Head	Frontal headache <sun rays >pressure	2days-7years	615	380	3-12days	8
	Vertigo <on standing >lying down.	3days-7years	193	91	3-14days	8
Nose	Coryza with thin bland discharge and sneezing	2-20days	726	427	3-9days	8
	Blockage of both nostrils <at night	3-20days	317	193	3-7days	8
Throat	Pain in throat <swallowing	2-4weeks	22	18	3-10days	9
Mouth	Bleeding from gums <morning	3-10days	47	39	3-5days	8
	Toothache <after eating	4-15days	32	25	3-5days	8
Stomach & Abdomen	Flatulence with heaviness of abdomen >by passing flatus	7-15days	394	215	4-20days	8
	Constipation	7-30days	320	214	3-12days	8
Female Genitalia	Leucorrhoea thin, thick whitish discharge <before menses	3days-6months	43	26	10-20days	8
Respiratory	Cough with thick whitish expectoration	7-15days	146	95	4-12days	8

	Cough < evening Dry cough (< in morning)	1-7month 3-15days	91 758	81 448	2-4weeks 2-7days	- 8
	Dyspnoea < in morning	6days-2months	456	270	2-15days	8,9
	Hoarseness of voice	3-15days	264	149	2-12days	8
	Pain in chest during cough	3-15days 2days-7years	97 57	62 36	3-10days 7-25days	8,9
Back	Pain in back worse on movement Pain lumbar region < standing	7days-6months 1month	336 1	143 1	3-16days 2weeks	8 8
	Pain cervical region > pressure < morning	10days-6months	258	169	5-16days	8
Extre- mities	Pain in knee joints < initial movement > continuous move- ment < sitting	1month-2years 4days-6month	2 428	2 272	2-3weeks 6-14days	8 8
	Pain shoulder joint - pressure	1-5years 4days-3months	3 202	3 106	17days 4-16days	8 8
	Pain in joints < movement > pressure & rest pain in joints > movement	7days-5years	120	87	8-15days	8
	Pain in legs > pressure	3years 10days-2months	1 55	1 39	3weeks 7-12days	8 8
	Pain calf muscles > pressure	2days-2months	153	102	3-15days	8
Skin	Urticaria (with itching < after bathing)	6-20days	21	19	2-9days	8
Fever	Fever with chill < evening	2-7days	341	254	2-6days	8

Name of drug: Cynodon dactylon						Potencies used: 6,30	
1.	2.	3.	4.	5.	6.	7.	
Head	Pain in frontal region of head > by pressure	4-20days	13	11	2-5days	8	
Nose	Epistaxis with bright red blood, agg. from heat of sun	3-15days	45	29	2-5days	8	
	Coryza with acrid thin nasal dis- charge better in open air	3-15days	40	24	2-15days	8	
Stomach & Abdomen	Gripping pain in abdomen around navel (< after eating)	3-12days	51	34	3-11days	8	
	Flatulence with heaviness of abdomen		17	14			
	Tenesmus < before stool > after stool (Dysentery)	2-3months	91	64	2-3weeks	8	
	Stool loose watery yellowish and offensive mixed with mucus	2-7days 3-8months	144 122	79 81	2-6days 2-3weeks	8	
Respi- ratory	Bleeding piles	6days-10years	23	46	2-42days	7	
Skin	Dry cough < in morning	4-12days	97	41	3-10days	8	
	Scabies-itching whole body with eruption < cold < night	3-12days	103	9	6-12days	8	
	Small dry reddish eruption with itching	7-15days	15	4	1day	7	
	Bleeding from cut on skin	1day	6				
			107				

Fever with chill worse in evening 2-4days 41 20 2-5days 8
 Name of drug: *Caesalpenia bonducella* Potencies used: 6,30

1.	2.	3.	4.	5.	6.	7.
Head	Headache >pressure	2days-1year	58	41	1-6days	7
Abdomen	Stool-loose (mixed with mucus)	2-7days	15	10	2-4days	7
Fever	Fever with chill, without chill with white coated tongue	2days 1month-1year -do-	11 2 55	7 2 41	2weeks 4days-1month -do-	7 7 4,7,9
	Fever with headache worse in morning and in afternoon >pressure	1-30days	326	149	2-4days	7
	Fever with enlarged spleen, with pain right hypochondrium	1-2weeks	2	2	7-10days	7
	Extreme weakness after fever	2-10days	97	51	2-4days	7
	Fever with liver enlarged	1month-1year	31	23	4day-1month	7

Name of drug: *Calotropis gigantea* Potencies used: 6,30

1.	2.	3.	4.	5.	6.	7.
Head	Vertigo-darkness before eyes	8days-1year	7	4	1-2weeks	7
	Occipital headache <in evening	3-20days	101	55	4-10days	4,7,9
	Bursting with nausea		32	22		
	Dull aching		14	10		
	Throbbing with giddiness		15	9		
			5	4		
			15	12		
Stomach & Abdomen	Pain in abdomen Heat in stomach >cold drinks	3-9days 8months	56 13	34 10	2-5days 1-23days	7

Constipation 7-30days 132 80 6-12days 9
 Stool unsatisfactory evacuation 4 4

Mouth	Foul breath	1year	6	4	2-5days	7
Respiratory	Cough (Dry agg. in morning)	3-15days	148	93	2-9days	4,7
Fever	Fever with chill and coldness of body (<at night) with excessive perspiration	2-4days 2days	54 1	30 1	2-4days 2weeks	7
Extremities	Pain right knee joint with swelling <motion	5days-1year.	2	2	2-3weeks	
	Pain in leg (<ascending, <going upstairs)	3days-3months 1month-1year	116 8	54 7	3-11days 2weeks	9 7
Skin	Cramping pain in calf muscles	3-15days	188	98	3-12days	4,9
	Small dry eruptions with itching (reddish eruption)	1day-3year	5	3	1-2weeks	4
	Pimpular eruption with suppuration and tenderness	1month	2	2	1-2week	4
	Itching with dryness of skin (<evening <bathing after)	2month-10year	10	5	1-16days	4
Generalities	Ulceration	5-10years	7	3	3-30days	4
	Obesity					

Name of drug: Cannabis indica

Potencies used: 6,30,200

1.	2.	3.	4.	5.	6.	7.
Mind	Forgetfulness	1-6months	2	2	15-20days	4
	Excessive loquacity	1year	1	1	26days	1,4
Abdomen	Flatulence < in morning	7-10days	2	2	5-6days	1
Urinary	Scanty urine with burning	3-15days	12	8	2-10days	4
	Dribbling urination	7-10days	3	1	4-7days	4
Respiratory	Dyspnoea (worse in evening and on movement)	1-10days	25	14	6-15days	4
Sleep	Sleeplessness	2months	3	2	15days	1,4

Name of drug: Cannabis sativa

Potencies used: 6, 30, 200

1.	2.	3.	4.	5.	6.	7.
Larynx	Stammering	1month-18years	6	3	15-30days	1
Mouth	Salivation	1month-3years	6	4	6-26	4
Eyes	Cataract	6months-2years	3	2	22-30days	
Male	Swelling glans penis Sexual impotency erection fail	10-25days	2	1	3days	
		3months	3	1	3-15days	
Female	Infertility & Leucorrhoea	2years	1	1	2weeks	A
Urinary	Burning in urination	1day-1year	7	6	3-20days	A
	Urine drop-by-drop	-do-	3	3	3-17days	A
Respiratory	Suffocation with feeling of weight on chest >standing up	15days	1	1	5days	A
		3-5months	2	1	2months	

Name of drug: Carica papaya

Potencies used: Q, 6

1.	2.	3.	4.	5.	6.	7.
Eyes	Conjunctiva yellow, conjunctivitis	7-20days	8	6	7-30days	4,7
Stomach & Abdomen	Pain right hypochondrium (< evening) < on eating with nausea & vomiting	15days-1year	29 5 5	18 4 3	1week-1month	7
	Vomiting after taking meals	3days	1	1	11days	7
	Stool-loose, pale undigested	15days-1year	34	23	1week-1month	7
Urine	Aversion to milk	10days-5months	12	8	3-16days	7
	Yellow (frequent with burning)	7-15days	11 9	7 5	5-12days	7

Potencies used: 6,30

Name of drug: Cephalandra indica

1.	2.	3.	4.	5.	6.	7.
Head	Giddiness & vertigo		4	2		7
Mouth			17	9	5-15days	4
Abdomen	Profuse thirst for large quantity of water at a time	3days-2months	1	1	4days	7
Rectum	Flatulence with distension	6month-2years	12	6	2-5days	4,7
Urinary	Stool mixed with mucus and pain in abdomen	7-15days	32	13	7-2days	4,9
Skin	Profuse frequent urination	6month-2years	12	5	3-10days	9
Extremities	Boils (with intense itching of face & body)	3-9days	5	2	2-23days	7
	Burning sensation in palm & soles	1month-1year				

Generalities	Diabetes mellitus	6month-25year	27	7	20days-6 month	7
	General debility		11	4		7
Name of drug: <i>Cuprum aceticum</i>						
Potencies used: 3x,6,30						
1.	2.	3.	4.	5.	6.	7.

Head	Headache-frontal (>by pressure) Heaviness Throbbing	4days-1month	27	18	3days-1week	4
			3	2	1week	
			3	3	1-2weeks	
	Vertigo with feeling of darkness in front of eyes	3months	2	1	9days	4
Rectum	Stool-loose mixed with mucus, with tenesmus	2-6days	15	14	3-5days	1,9
Respiratory	Cough paroxysmal Dry cough <morning & evening (<night)	2days-1year 3-30days	8	6	3-26days 2-9days	9
Chest	Cough with wheezing dyspnoea		129	80		1,4
	Chest pain on coughing		4	3		4
Skin	Psoriatic eruptions with itching of whole body but more on extremities	6month-20years	7	6	4days-1week	4
Generalities	Epileptic form convulsions with clinching of fingers and dilated pupils (Aura starts from plexus)	3month-10years	5	4	15-24days	1,4
Name of drug: <i>Damiana</i>						
Potencies used: Q,6,30						
1.	2.	3.	4.	5.	6.	7.

Head	Hammering headache <evening	4-15days	23	13	3-7days	9
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Male Genitalia	Migraine with gastric disorder	3day-20years	8	4	2-7days	1
			2	1	1week	1,4
	Sexual desire diminished	6month-7years	2	1	1week	1,4
	Seminal emission at night with amorous dream	7days-6month-1year	2	1	17days-1month	
			2	2	12-22days	9
	Premature ejaculation	1-6month	28	17		
			28	17	15-24days	9
Female	Sexual debility	1month-1year	9	6	4-15days	9
	Leucorrhoea-thick whitish < on movement	15days-1year	9	6		
			1	1	2months	4
Back	Menses frequent-profuse & bright red	8months	1	1	1month	9
Fever	Backache<morning	1month-1year	2	1	3-5days	9
	Fever < morning	3-5days	6	5		
Name of drug: <i>Embelia ribes</i>						
Potencies used: 6,30						
1.	2.	3.	4.	5.	6.	7.

Mind			91	45	6-20days	7,9
Mouth	Mentally irritable	10-30days	255	159	6-20days-	7,9
Stomach	Grinding of teeth, thirst increased	10days-6month	65	49	5days-2weeks	7
Abdomen	Hungry soon after meal	1month-1year	205	110	4-11days	9
	Pain in abdomen (cramping <after eating) <during stool	3-15days	41	29	1-3weeks	9
		4days-2years	26	19	3-20days	
	Distension of abdomen with pain <after eating >by passing flatus	15days-1month	40	27	1-3weeks	7,9
			40	27	7-15days-4 months	7,9
	Stool-loose, watery with mucus	4days-2years	47	33		
	Itching around anus	7-15days				

Urinary	Urging for stool after eating	4years	11	9	1-3weeks	9
	Worm passes in stool	15days-6month	108	56	7-16days	7,9
	Undigested particles in stool	19days-1month	61	49	5days-1month	9
	Bed wetting	7days-6months	271	141	7-30days	9
Fever	Fever <in morning	2-4days	40	17	2-3days	7

Name of drug: Ephedra vulgaris

Potency used: 6

	1.	2.	3.	4.	5.	6.	7.
Head		Headache (with burning pain worse in evening)	4days-9months	85	44	4-9days	1
Throat external		Thyroid gland -enlarged (pain during)	2months-1year	15	8	4-20days	9
		-Trembling hand with general weakness		3	1		
		-Tachycardia		3	2		

Potencies used: 6, 30

Name of drug: Fagopyrum esculentum

	1.	2.	3.	4.	5.	6.	7.
Nose		Coryza	2days-1year	28	20	4-15days	1,4
		Thin nasal discharge					1,4
		Thick nasal discharge with soreness in throat	4days-3months	31	23	3-36days	
		Acrid					9
		Redness of nostril		4	3		
		Frequent-sneezing		2	1		
		Post-nasal catarrh		159	90	1month	
		thin white<morning					1,4
		Dryness with formation of crust	6months	1	1		
Genitalia Male		Itching on genitalia after touch	2months-4years	3	2		
				2	1		

	1.	2.	3.	4.	5.	6.	7.
Female		Leucorrhoea	2months-10years	11	9	15-40days	1,4
		thick		55	35		
		pale		64	43		
		with backache		8	6		
		with pain in abdomen	-do-	6	4		
		with pruritus	-do-	21	16		
Skin		Offensive		44	26	1-13days	4
		Blind boil	2-4months	24	11	1-2weeks	4
		Eruption urticarial, red, wheal like, elevated, with itching and burning (<night)	3days-3months	7	4		
		Eruption-pustular with itching on hairy parts > cold	4days-3years	30	19	2-3weeks	1,4
		Eruptions-bleed after scratching	6days-1month	51	35	6days-1month	
		Itching <night (retiring)		11	5		4
		Vesicular eruption with itching	6days-3months	174	84	5-12days	4
		Itching whole body without eruption >bathing, >cold application	15days-2months	17	8	2weeks	4
Extremities		Cracks-soles with stitches, bleeding and itching	3months-10years	5	4	7days-1month	1
		Cracks finger tip with itching and bleeding	5month-11year	11	8	1week	1,4
		Pain shoulders extending to arms	20days	8	7	2weeks	4
				1	1		

Name of drug: Ferrum picricum

Potencies used: 6x, 6, 30

	1.	2.	3.	4.	5.	6.	7.
Nose		Epistaxis (bright red blood)	3days-2months	9	4	3-9days	4

Ear	Tinnitus	1month-10year	10	6	3-30days	4
Genitalia	Enlarged prostate		2	1	2months	4
Larynx	Loss of voice	2-6days	6	5	2-4days	1,4
Skin	Warts neck region (on face, whitish in colour with horny surface and occasional bleeding) (Small fleshy-cauliflower like)	1-2years	2	1	2weeks-1month	4
		3months-6years	22	5	2weeks-2months	4
	Corns with yellowish discoloration	15days-1year	42	23	9-20days	4
		3months	1	1	2months	4
		1year	1	1	3weeks	4
Urinary	Urine-frequent painful	6month-1year	12	7	1week-41days	4
		6months	3	2	1week	4
		5days-2years	9	4	2-41days	4

Potencies used: 6,30

Name of drug: Gallicum acidum

	1.	2.	3.	4.	5.	6.	7.
Stomach		Loss of appetite	7-20days	74	58	4-10days	1,4
Urinary		Urine scanty with passage of blood at conclusion of urination with burning in while urination	3-10days	33	25	2-5days	4,9
				3	3		
Skin		Urticaria with itching <morning <evening >warm water	10days	1	1	3weeks	1
Generalities		General weakness	5-10days	15	8	4-10days	1

	2.	3.	4.	5.	6.	7.	
Name of drug: Gymnema sylvestre							
Urinary		Urine-frequent <night	2-19years	13	7	1-5months	7
Mouth		Dryness of mouth		3	3	-do-	7
				5	3	-do-	9
Mouth		Thirst increased		6	3	-do-	9
Mouth		Appetite increased		1	1	-do-	7
Generalities		Backache		1	1	-do-	
Generalities		Debility & gradual emaciation		1	1	-do-	

Potencies used: 6,30

**Name of drug: Atista indica
Glycosmis pentaphylla**

	2.	3.	4.	5.	6.	7.	
Head		Headache-heaviness Dull aching pain in temples with giddiness as if head will burst	10days-1month	87	50	1-2weeks	8
				8	7	1-2weeks	8
				2	2	-	
Head		Headache-left temple throbbing pain, hammering pain with vomiting (>vomiting)		1	1	-	
				6	7	15days	
Head		Vertigo-giddiness (<morning)	7-20days	3	1	4-7days	8
Nose		Coryza thick nasal discharge	1-25days	2	2	-do-	8
Nose		Blockage of nose and frequent sneezing	-do-	211	136	3-7days	7
Mouth		thin nasal discharge < morning	2-10days	8	6	-	
Mouth		Bleeding gums (with offensive breath & spongy gums)					

Throat	Bitter taste in mouth	1day-1month	82	57	-	8
	Tonsillitis with pain in throat	5-6years	134	97	3-10days	4,7
Stomach	Indigestion (from fried things)	3days-1year	3	3	3days-3months	7
	Loss of appetite	7-20days	74	38	4-10days	1,7
	Thirst increased	do-	26	13	-do-	
	Nausea & vomiting sour	15days-1month	2	2	10days	8
		15days	1	1		
Abdomen	Acidity and heart burn with sour eructation	1day-2years	35	19	4day-1month	7,8
	Empty eructation after eating	10days-1month	8	6	-	7
	Burning pain & aching in stomach with nausea and vomiting	1day-4years	55	25	4days-1month	7,8
		-do-	16	8	-do-	7
	Gripping pain in abdomen around navel <after eating	3days-2years	36	19	3days-2weeks	4,7,9
Rectum	Distension of abdomen <after eating	2-10days-8years	66	34	10-17days	4,7,9
		2-20days	296	143	4-10days	
	Flatulence < eructation	7-30days	188	98	6-12days	7
	Biliary colic	3-15days	64	44	2-8days	7
	Stool 3-4times unsatisfactory evacuation semisolid mixed with mucus & blood	1day-4years	5	4	1-30days	
Rectum	Alternate constipation and diarrhoea	3days-2years	333	177	3days-3weeks	7
	Tenesmus <during and after stool	2-8days	17	10	28days	8,9
		3-4days	49	25	4-15days	7
		3-10days	6	5	10-25days	

Female Genitalia	Leucorrhoea whitish-burning	7-30days	64	29	9-30days	8	
	Chest	Palpitation		3	2	4days-1month	8
Back		Backache (<morning)	-	18	11	-	8
	Extremities	Pain-legs-calves	-	6	5	-	7
Fever		Fever <11 A.M. & 4 P.M. with leg pain, thirstlessness & headache, dryness of mouth with shivering	5days-5month	318	201	-	
	General	Debility	3days		1	1	9days
Face			5-10days	13	10	4-10days	7
	Name of drug: Hecla lava						
			Potency used: 6				
			2.	3.	4.	5.	6.
Face	Facial neuralgia <after extraction of tooth	1month	1	1	1	2weeks	1
	Diarrhoea during		2months	1	1	2weeks	1
Dentition diffi-			4-8days	15	11	20days-1month	4,9
	Toothache with swelling of gums		2-30days	159	83	3-10days	1
Caries in teeth			3months-4years	11	6	1-8days	9
	Bleeding gums with swelling (<after bursting)		3days-2month	158	84	3-15days-1month	1
Toothache, stitching pain <cold water			1year			1-3weeks	1
	Offensive breath		15days-7years	23	18		
			20	9			
			7	4			

Neck	Enlargement of cervical glands	15days-6months	34	15	7-24days	1,4
Extremities carneum	Pain in heel due to growth of cal-	3days-1year	88	44	4-12days	9
	Osteitis	1-5months	7	4	1-22days	1
Name of drug: <i>Hydrocotyle asiatica</i>						
Potencies used: 6,30						

1.	2.	3.	4.	5.	6.	7.
Mind	Disinclination to do any work	2days-7years	18	11	2-26days	1
Head	Irritability	10days-3years	7	2	2-21days	1,7
	Headache with sensitiveness in occiput	3-10days	102	70	3-7days	1,4
	Headache heaviness		7	5		1,4
Nose	Vertigo(Giddiness)	1-2months	11	7	1month	8
	Coryza with thin watery nasal discharge agg. in morning	3-10days	128	82	4-10days	8
Throat	Soreness in throat	4days-1year	2	1	11days	4
Mouth	Stomatitis	2-15days	299	226	2-9days	1
	Thirst increased		21	11		1,7,8
Abdomen	Flatulence with distension of abdomen		4	2		1,7
	Anorexia	7-30days	21	13	6-25days	4
Rectum	Stool-constipated	7-15days-3years	116	86		8
	Leucorrhoea (Thick whitish <on movement)	10days-6months	5	4	4-30days	8
Genitalia Female	Swelling of testicles	7days-1month	121	73	5-13days	8
	Dry cough (<in morning & evening)		11	8		

Cough with thick whitish expectoration	4days-1month	9	7	1-2weeks	1,7
		11	8	2-21weeks	
Hoarseness with dry cough	10days-7month	3	2		8
		4	2	1-2weeks	8
Lumbago< morning	2months-1year	5	4	2weeks	1
	8months-1year	1	1	3months	1,4
Leg-pain calves with oedema	1year	273	144	3-15days	4,9
		4	3	4-37days	1,4
Fungal infection nail bed with cracked nails and pain	7days-6months	102	59	3-12days	7
		1	1	3days	7
Dry,scaly,exfoliative eruption with itching	4days-2years	11	4	2-12days	7
	7-30days	30	17	1-4weeks	4
Psoriasis	1month	51	29		1,4
		19	10		1,4
Miliary eruption with itching & burning	1month	24	11		1,4
		19	10		
Scabies on phalanges with dryness of skin and intolerable itching and burning <at night >during day	10days-3months				
Scabies with intense itching <night	7days-1year				
Eruption dry with hyperpigmentation					
Thickening of skin at site of lesion with cracks and scaling					
Eruptions bleed on scratching					
burning >after scratching					

Eruption with oozing of watery discharge	28	12		1,4
Eruptions with itching	132	61		1
<morning	7	4		
<night	41	22		
<cold	45	16		
Urticaria with itching and burning	8	4	1-2weeks	9
Lepromatous eruption right arm with thickening of skin and itching <night	1	1	3months	7
Cracks heel, sole with itching and burning after scratching	11	8	2weeks-1month	9
Corns painful warts, thick, fleshy,	4	1	2weeks	1,4
	10	6	3-4months	
Dropsy of whole body especially	12	10	3days-1month	4,7

Name of drug: Hygrophila spinosa

1. Skin	2.	3.	4.	5.	6.	7.
	Dry small red eruption with itching dark pigmentation after scratching <summer <heat >cold application	2days-4years	205	112	1week-30days	7,9
	Eruption with oozing of watery discharge		13	8		7
	Bleeding after scratching		57	26		7

Urticarial rash with itching and burning <heat, summer >cold	133	76	10days-10years	1-3week	7,9
Urticarial with fever and chill <evening	1	1	3months	7days	7
Rheumatism associated with	20	11	1month-10years	1-55days	7
Insomnia	4	3	3months-1year	1-17days	7
Potency used: 6					7.
2.	4.	5.	6.		1
3.	49	25	3-28days		
Pain right iliocaecal region (with tenderness) (followed by vomiting)	15	7	4days-2months-1year	20-30days	1
Appendicitis	45	25	6months-1year	2-10days	9
Nausea & vomiting			2-15days	Potencies used: 6,30,200	7.

Name of drug: Jaborandi

2.	3.	4.	5.	6.	7.
3-30days	176	110	4-12days		1
Headache (Dull aching pain above eyes) >pressure	8	5	10-35days		9
Heaviness	465	233	1month-1year		9
Falling of hair in patches	392	147	10days-2years	12-45days	1
Premature greying of hair	47	28	10days-2years		9
Dandruff with itching	18	12	3years	2-2months	
Eruption with dryness & itching			15days-5months		

	Headache vertex with pain in eyes < exertion, reading, use of eye for fine work	1month-2years	13	10	15days	1
	Short sightedness, pain on doing typing work		3	3	15days-1month	4
Eyes	Pain in eyes with tiredness < reading, eye strain		10	6	15days-1month	4
	Darkness before eyes		2	2		4
Face	Pimples	3days-2months	184	117	3-25days	9
Mouth	Increased salivation	15days-1month	18	13	20days	4
Stomach	Pain with acidity	1-2years	2	1	7days	1
Throat external	Enlargement of thyroid gland	1month-2years	28	14	18-24days	4,9
Female (Thick whitish discharge)	Leucorrhoea	10days-3months	44	25	7-30days	1
Perspiration	Excessive perspiration (in closed room)	10days-4years	33	20	5-21days	1,4
Extremities	Perspiration palms and soles	15days-1month	3	2	2days-1month	1,4

name of drug: Jacaranda caroba

	2.	3.	4.	5.	6.	7.
Head						
	Vertigo on rising	7days-1year	2	2	8-15days	4
	Fluent coryza	2-30days	72	55	2-15days	1
	Coryza with heavy head (< morning)	7days	1	1	4days	4
	Itching male genital organ	2-25days	70	47	3-35days	1,9
	Erection-painful	3-30days	2	2	3-28days	1,4
	Prepuce painful & swollen	3years	1	1	9days	1,4
	Pain in knee joint with morning soreness and stiffness	7-30days	26	17	9-12days	4
			1	1	2weeks	4

Potencies used: 6,30

name of drug: Jalapa

	2.	3.	4.	5.	6.	7.
	Child weeps at night > in day time.	7days				
	Violent pain in forehead	4-5days	9	6	3-5days	1,4
	Flatulence, milk disagrees during dentition period	3-8days	24	14	3-8days	1
	Loose watery stool with gurgling in abdomen with mucus with undigested food particles, with pain in abdomen and vomiting, & restlessness at night	7-15days	20	15	6-12days	4
			1	1	3-9days	1,4,9
			202	111		
			16	4		
			19	17		
			14	8		
			5	2	8days-3weeks	4
			9	7		

Greenish & sour stool 3-12days 28 24 3-10days

Infantile colic, abdomen bloated and passing flatus 3-5days 22 14 3-5days 1,4

Name of drug: Juglans regia

Potencies used: 6,30

1.	2.	3.	4.	5.	6.	7.
Head	Frontal headache >open air <evening	6-12days	9	6	5-7days	1
Eye	Recurrent stye on eyelids with redness, swelling and pain	2days-5months	12	10	2-10days	9
Face	Pimples-red with itching	6-25days-5months	22	13	4-25days	1,9
	Acne with blackish pigmentation	15days-4years	110	46	15days-3months	1,4
	Brownish pigmentation	4-13days	9	7	3days-2months	9
Back	Eruption back with violent itching	3-7days	9	7	2-20days	
Extremities	Eruptions vesicular on lower extremities	4-10days	16	12	2days-1month	1
	Cracks on both soles < winter	6months-2years	2	2	4days-1month	4
Skin	Eruption-small ed pimples tender with itching		97	88		1,4
			13	7		
			69	27		
			41	19		
			26	10		1
	Boils					1
	Dark red eruptions with itching	1month	1	1	2weeks	1
		2days-1year	6	5	2-31days	

Name of drug: Justicia adhatoda

Potencies used: 6,30

2.	3.	4.	5.	6.	7.
Dull aching in frontal region of head	3days-1year	446	297	3-12days	7,9
Coryza with thin nasal discharge and sneezing	1-15days	862	551	2-7days	7,9
Blockage of nose	3-15days	312	210	3-10days	7
Sneezing following coryza	2-7days	325	224	2-7days	7,9
Sensitive to dust	1month-2year	127	83	10-20days	9
Catches cold easily -		11	9		
Thirst increased		44	24		
Anorexia		59	32	5-12days	4,7,9
Stool, dry, hard.	7-30days	257	167	3-10days	7
Dry cough <morning, evening and at night	1-15days	814	525	3-10days	
Cough followed by vomiting	2-7days	257	160	2-9days	7
Cough with expectoration-thick (yellow, <at night)	1day-6years	134	71	4-15days	
Dyspnoea <morning	4-15days	310	214	4-10days	9
Cough with dyspnoea and suffocation	1month-1year	12	9	9-15days	9
Hoarseness of voice	3-15days	211	146	2-9days	7
Pain <coughing on	1week-10years	22	15	1week-40days	7
Fever with chill & headache <morning	2-5days	343	206	2-7days	7
	2-6days	41	27	2-10days	

Name of drug: Lac caninum

Potencies used: 6,30,200

1.	2.	3.	4.	5.	6.	7.
Mind	Forgetful-makes mistakes while writing	4days-2years	5	1	1-12days	4
Head	Headache alternate sides	4years	1	1	9weeks	1,2,3,4
	Headache-frontal with heaviness	3months-1year	14	6	4days-2 weeks	1,2,3,4
	Pain occiput, radiates to vertex with blurrd vision	2years	1	1	1month	4
	Excessive dandruff on scalp	10days-2months	17	14	3-15days	1
	Vertigo-darkness before eyes < lying down	6-25days	10 5	8 3	- 20days	1
	Nose	One nostril obstructed-other free	2-15days-4years	16	6	1-2weeks
Mouth	Bitter taste		1	1		1
Throat	Recurrent tonsillitis after eating sour things	5years	6	4		4
Stomach	Thirst increased					1
Rectum	Stool constipated		49	26	1-3weeks	1
Urinary	Urine-frequent		9	9	7-15days	
Female Genitalia	Profuse leucorrhoeal discharge during day agg. walking and standing		4	2	1-3weeks	1
		10days-2months	7	5	9-20days	
Respiratory	Cough<night	6months	5	4	4days	
Back	Backache Lumbar region radiating down to heel with stiffness					1,4
		15-30days-5years	72	47	4-15days	1,4
		15days-2years	24 3	13 2	1-2weeks	

Pain in joints <on movement <cold ,damp weather	7-30days	70	38	3-15days	9
	3months-10years	27	11	15days-3months	1,4,9
Burning in palms & soles	7days-3months	26	21	5-18days	
		7	3		4,9
Cramps in leg	1-5years	46	34	3-10days	9
		12	8	2-3weeks	
Pain in leg extending to heel	4days-3months	46	28	7-22days	
	15days-2years				
Pain-shoulder joint right side with stiffness & swelling	7days-3months	19	6	9-12days	1,9
	15days-10years	72	46		
Pain in knee joints<movement	7-30days-5years	11	7	5-20days	4
Pain joints shifting to other joint	3months	28	25	4-10days	
		7	6	15days-3months	1,4
Numbness of legs	15days-3months	35	14	1-2months	1,4
	10days-1year	8	6	2-3weeks	
Pain in small joints with swelling & stiffness <morning	1month-5years	5	4	1-3weeks	1
		16	8	1-3weeks	
Pain in extremities	3months-5years	2	2	2-3weeks	1
Pain lower extremities,lightening pain with numbness	2months-4years	2	2	18days	
	2months-1year				
Pain left leg <walking, right leg with numbness	6months	4	2		
Pain in heel <morning, unable to walk	15days-2months				
Pain right hand with numbness					

Name of drug: *Mentha piperata*

Potencies used: 6,30,200

1.	2.	3.	4.	5.	6.	7.
Head	Frontal headache		15	10	4days-1week	
Nose	Coryza nasal discharge thin watery	3days-6months	36	23	2weeks-15days	9
Throat	Pain in throat <on swallowing	2-9days	109	75	3-9days	1
	Dryness of throat	3-10days	16	12	10days	4
Abdomen	Flatulence-bloated painful	15days-1year	20	14	2-26days	1
	(Stool insufficient, scanty, pass with mucus and gurgling sound)	3days-30years	51	25	1-28days	
Respiratory	Dry cough <from cold air	3-15days	172	97	3-10-27days	1,4,9
	Cough with thick whitish expectoration <cold	4-15days	95	61	3-11days	9
	Husky voice	2-10days	123	80	2-9days	4
	Cough spasmodic without expectoration <cold and cold air <talking	2days-7years	90	57	4-15days	4
	with irritation in throat <cold thing		24	16		4
Skin	Itching without eruption with dryness of skin, bleeding with soreness after scratching	2days-6months	3	2	7-25days	1,4
	Itching followed by rash <night		10	6		
	Pimpular eruptions with hyperpigmentation		2	1	15days	1,4

Name of drug: *Mygale lasiodora*

Potencies used: 6,30

1.	2.	3.	4.	5.	6.	7.
Head			25	20	4-11days	8
	Throbbing headache in temples <from sun	7-20days	1	1	20days	8
	Pain head <reading	4months	97	58	6-15days	8
Face			51	25	1-28days	8
Gumach	Pimples	3days-6months				
Abdomen	Stool insufficient, scanty passed with	3days-30years	35	25	6-12days	8
	Flatulence with heaviness of abdomen	7-15days	3	2	5days	8
	Stool loose passed with gurgling sound	1month	21	9	7-12days	8
Chest	Constipation	7-15days	25	16	1-53days	1
Extremities	Palpitation of heart with weakness	3days-10years	8	6	12-18days	4
	Uncontrollable movement of hand, weakness, unsteady gait	3-10days	3	2	1-37days	

Potency used: 6

Name of drug: *Natrum iodatum*

1.	2.	3.	4.	5.	6.	7.
Nose			44	20	3-11days	9
Throat	Coryza with thin nasal discharge	2-10days-1year	1	1	3weeks	1
Chest	Chronic pharyngitis	5years	11	9	4-16days	1,9
Extremities	Violent palpitation of heart	7-30days	28	22	6-12days	1,9
	Pain in leg joints of body with swelling shifting from one to another	7days-3months	7	4	15days-1month	
	Stiffness	10days-3years	1	1		
			8	5		

Name of drug: Nyctanthes arbortristis

Potencies used: Q,6

1.	2.	3.	4.	5.	6.	7.
Head	Dull headache	3-15days	54	42	4-10days	7
	Vertigo	7-15days	20	15	2-6days	9
Mouth	Tongue-coated white		29	17		4,7
	Dryness of mouth		3	2		4,7
Stomach & Abdomen	Nausea and vomiting > cold drinks	3-10days	53	41	2-5days	7,9
	Bilious vomiting	3-6days	28	13	2-5days	4
	Loss of appetite	7-15days	56	29	5-12days	9
	Constipation	7-30days	27	18	6-10days	4,7,9
	Stitching pain in hepatic region < from touch	3-15days	25	16	3-9days	7
	Stool-loose watery	3-7days	10	7	3-6days	7
Urinary	High colored urine	4-15days	30	21	4-15days	4,7
Fever	Fever with chill, bodyache and restlessness < during day < night	2-5days	147	79	2-6days	7,9
	Thirst increased		151	102	1-22days	1
	Bitter taste in the mouth		124	83		1
	Constipation, stool, hard		65	17		1
			39	28		

Name of drug: Saraca indica

Potencies used: Q,6,30

1.	2.	3.	4.	5.	6.	7.
Head	Vertigo > open air	3-10days	106	58	4-11days	4,7,9
	Headache temples		6	3		4,7,9
	Frontal headache with heaviness better in open air	3-15days	104	62	3-9days	

Stye on upper eyelid
Lachrymation with itching in eyes

2-7days

53

34

2-6days

7

Coryza-profuse nasal discharge and sneezing
Post nasal catarrh

3days-2months

56

36

4-7days

7

Tonsils swollen

7-10days

13

11

6-10days

4

Hawking of throat

7days

3

2

6-10days

4

Desire for sour food

7days

5

2

6days

4,7

Anorexia

3-15days

34

19

7days

7

Flatulence

15days

14

4

3-12days

7

Flatulent colic

7days

47

24

3-12days

4

Distension of abdomen

15days

17

6

4-16days

4

Blind/bleeding piles

7-30days

95

62

4-16days

7

Acidity heat burn and sour eructation

7-30days

164

103

7-15days

4,7,9

Stool-irregular, constipation

3days-2months

6

4

4

Pain in iliac region

2month-1year

20

14

2-11days

7,9

Testicles swollen

2-10days

88

59

28-60days

4,7

Painful irregular menstruation

15days-9months

14

6

20-60days

9

Menses profuse bright red

15days-6months

3

2

9-24days

7

Suppressed menses

7-30days

207

141

7-10days

7

Leucorrhoea thin watery, thick whitish discharge

7-30days

9

2

7-10days

4,7

Infantile leucorrhoea

7-30days

143

63

6-9days

4,7

Leucorrhoea with backache

7-30days

26

13

6-9days

4,7

Palpitation of heart < on movement

7-30days

26

13

6-9days

4,7

Fever	Fever with chill and thirstlessness	2-7days	71	44	2-5days
Respiratory	Cough dry with pain in chest		5	3	7
Back	Pain in back radiating to thigh	3-30days	47	29	4,7
Extremities	Pain in calf muscles	7-15days	5	5	9
	Pain legs		68	30	
	Pain in knee with stiffness		4	4	
	Pain all joints with numbness	5month-5year	11	5	2weeks-1month

Name of drug: Sarsaparilla

Potencies used: 6,30,200

		1.	2.	3.	4.	5.	6.	7.
Mouth	Tongue, white coated 3days				1	1	15days	4
Eyes	Aphthae & profuse salivation			4-15days	6	4	2-19days	1
	Redness with pain in both eyes				6	6	2-4days	4
Nose	Influenza			3-5days			9-15days	1
	Constipation			10-20days	34	24	3-6days	1
Abdomen	Stool-loose			3-5days	5	5	2-5days	1
	Cutting pain in abdomen around navel			2-7days	11	9		
Urinary	Urine slimy, scanty and bloody			2months	32	25	2-25days	1
	Burning pain during micturition			4days	8	4	2days	
Back	Urine-comes drop by drop with occasional burning with retention			7days-2months	86	55	4-10days	4,9
	Burning in urethra at close of urination			6days-2years	3	2		
Extremities	Backache < walking				59	40	4-30days	1,2,3,4
	Inflammation of nail bed			2-10days	1	1	7days	1
Skin	Deep rhagades on fingers and toes			15days-6months	55	22	3-7days	4
	Pain in joints			7-20days	36	27	4-20days	1
Skin	Small warts (Brownish in color & conical in shape)			15days-3years	3	3	6-11days	1,4
	Papular eruption over scalp with violent itching			1month	70	43	9-30days	1
Skin	Summer cutaneous eruption				10	8	2-18days	1,4
	Boils			2-15days	38	32	3-16days	4
Skin	Eruption with itching			8days-1month	73	63	4-15days	4
	Eczematous eruptions over left ankle joint with itching, oozing watery discharge from the affected area < summers			7-15days	19	16	4weeks	4
Skin				5years	1	1		

Name of drug: Syzygium jambolanum

Potencies used: 6,30

1.	2.	3.	4.	5.	6.	7.
Stomach	Voracious appetite	20days-6months	19	13	7-15days	9
	Thirst increased		5	2		
Urinary	Frequent profuse urination < at night	7days-6months	34	22	3-15days	4,7,9
	weakness after urination	8-13years	9	4		
			1	1		
Skin	Prickly heat like eruption with itching	7days-2months	45	37	3-10days	4,7
		1month	1	1		
	Recurrent boils worse in summer	7days-3years	41	29	3-10days	9
Generalities	General debility	8-13years	11	4		4,7

Name of drug: Terminalia arjuna

Potencies used: Q,6,30

1.	2.	3.	4.	5.	6.	7.
Mind	Nervousness and restlessness	1week-4years	22	18	2weeks	7
Head	Vertigo-darkness before eyes	2days-4years	38	23		4
	Headache		8	4		7
Ears	Ringling in ears	1month-6years	10	4	1-2days	7
Urinary	Urine-scanty		2	2	1week	4,7
Chest	Palpitation with pain in heart	1week-4years	125	90	4days-3weeks	7
	Chest pain stitching radiating to left shoulder and left hand < walking < rest	2days-2years	4	3	2-30days	
		1day-1month	3	2	1week	
	Pain left side of chest	3-15days	52	27	2-9days	4,7
	Hypertension	4days-18years	8	6	15days-1month	7

Pain left hand following injury	2days-2month	100	61	2-10days	4,7
Pain right leg following injury	2-15days	22	22	2-9days	4,7
Injuries	15days-1month	13	9	4days-1month	
Ecchymosis	2days-2years	4	2	2-15days	
Pain & swelling over right ankle joint after injury	7days	1	1	3weeks	

Potencies used: 6,30

Name of drug: Terminalia chebula

1.	2.	3.	4.	5.	6.	7.
Head	Throbbing < from sun	3-15days	25	13	3-10days	9
	Pain vertex	10days-3years	11	6	3days-2weeks	4,7
	Vertigo	4-10days	19	8	7-11days	
	Pain temples	2-6months	2	2	15days	7
Mouth	Tongue dry, brownish coated	1month	18	12	1-2weeks	9
	Bitter taste of mouth	1year	9	6	13days	
	Aphthae with excessive salivation	10days	11	7	1-2weeks	7
	Foul smell from mouth	1year	9	6	1-2weeks	9
Stomach	Anorexia	2days-1year	4	4	1-4weeks	
	Pain with nausea	2months-3years	16	10	1-2weeks	7
	Acidity with sour eructation	1month-1year	13	6	2-3weeks	
Abdomen	Distension of abdomen with mild itching	3months-1year	16	13	6-11days	7
	Heaviness in abdomen	4-15days	33	16		7
	Pain in abdomen (< during stool)		1	1	1-2months	7
	Flatulence	3months-1year	10	6		
	Stool-loose-3-4 times daily		4	4		

	Stool-hard with blood (piles) unsatisfactory (after much straining)	3years	2	1		7
		1-4years	112	69	1-4weeks	
	Bleeding piles with burning and itching in anal region	4months-9years	32	19	4days-1month	7
Urinary	Urine frequent	5months-4years	6	6	5days-1week	7
Back	Backache	1month-6years	22	12	15days-2months	7

Name of drug: *Tarentula cubensis*

Potencies used: 6,30

1.	2.	3.	4.	5.	6.	7.
Nose	Blockage with loss of smell	7days-2years 3days-5years	7 18	4 12	2-16days 5days	8
	Coryza with sneezing	2-10days	23	19	3-10days	8
Face	Pimples with red oily face	10days-6months	2	2	11-14days	8
Mouth	Aphthae with increased salivation Cracks at corner of the mouth	3days-1year 10-30days	16 2	11 2	2-47days 2-7days	8
Stomach	Loss of appetite	7-15days	68	41	3-10days	1
Respiratory	Dry cough < in morning	3-10days	16	13	4-10 days	8
	Cough with irritation in throat	1-5days	2	2	8-13days	
Chest	Scirrhus of breast	15days-6years	6	4	3-27days	1
Fever	Fever with chill and restlessness	2-4days	10	7	3-5days	4
Skin	Senile ulcer	5-10days	2	2	2-7days	4
	Purplish hue with burning	7-15days	4	3	3-9days	

Name of drug: <i>Tarentula hispanica</i>	2.	3.	4.	5.	6.	7.	8.
Abscess with burning pain	3-12days		88	49	3-10days		4
							Potencies used: 6,30
Aversion to talk Mental depression agg. by talking amel.sleepiness or lying	1day-4months 4months		3 1	2 1	3-21days 3-15days		8
Headache with heaviness < evening Vertigo	3-7days 10-20days		2 3	1 3	3days 7-10days		8
Conjunctivitis with irritation in eyes	2-10days		44	30	2-5days		8
Pain & heaviness in eyes (worse on moving the eye ball)	2months		1	1	10days		1
Coryza with thin nasal discharge	2-7days		13	8	2-6days		8
Rawness in throat Pain < swallowing	1month-10years		4 1	3 1	5-20days 3-21days		8 8
Flatulence with hicough bloated abdomen Constipation	1-10years 2-15days 5-10days		2 12 12	9 7 6	2-4days 6-11days 3-36days		8 8 8
Frequent urination < night	1day-1year		8	6	2-5days		8
Dry cough < morning	3-6days		12	9	3weeks		8
Pain with stiffness in the nape of neck region	6years		1	1	2-37days		8
Pain from hips to heels Bruised pain in legs < sitting > walking	3days-6years 1-2years		13 2	7 2	7-11days		8

	Pain in joints with stiffness <movement	7days-6months	3	3	7-26days	8
	Aching pain in deltoid region <raising the arm	1month-16years	8	1	3-17days	8
	Cramping pain in extremities calf muscles >right bandage	5days-10years	10	8	3-38days	8
Skin	Small reddish eruption Itching by cold application	3-30days	24	17	2-12days	1

Name of drug: *Viscum album*

Potencies used: 6,30

1.	2.	3.	4.	5.	6.	7.
Head	Vertigo with dullness & giddiness (<during day, night & on movement)	2-15days	163	104	4-14days	8
Ear	Otorrhoea-sticky, whitish odourful discharge	3-15days	120	79	3-12days	1
Eyes	Blurring of vision	3years	1	1	8days	4
Genitalia Female	Menses early profuse, bright red with clots	4years	1	1	2weeks	1
Chest	Violent palpitation of heart Hypertension Chest pain Hypertension	7-30days	57	39	3-11days	9
		6months	1	1	15days	4
		1week-6months	2	2	1week	
		2months-4years	25	11	1month-3weeks	
Back	Lumbago with stiffness	1week-8years	5	4	1week	1
Extremities	Rheumatic pain in all the joints <at night	3-30days	88	53	3-14days	9
	Pain in knee joint with swelling <movement with stiffness <winter	1-8years	2	2		4
		7days	1	1	3weeks	4

	3.	4.	5.	6.	7.
Sciatica right side	2weeks-10years	3	2	1-2weeks	4
Oedema legs <hanging the legs	2months-1year	2	2	1-3weeks	
Potency used: 30					
Tela aranea					
	2.	3.	4.	5.	6.
Frontal headache >pressure	1day-5years	20	13	1-25days	8
Heaviness in head	2days-1year	2	1	2-27days	8
Pain temporal region >after sleep	4years	9	4	8days	8
Coryza with constant watery discharge from nose with blockage of nose and sneezing	2days-6years	1	1	1-3days	8
Blockage of nose - has to breath from mouth	8months	12	7	36days	8
Both tonsils inflamed	2days-6years	1	1	1-36days	8
Burning in stomach	2-3days	9	2	3-19days	8
Burning in stomach	1-2year	3	3	4days	8
Stool offensive & mixed with mucus Bleeding per rectum during stool with burning sensation	10days-2years	1	1	1-28days	8
Constipation	3days-3months	4	2	1-19days	8
Stool loose watery 3-5times with pain in abdomen agg. during passing	1month-5years	2	1	1-10days	8
Stool hard & passes with difficulty	15days	3	2	5days	8
Aching pain in right arm & thigh	1days	1	1	5-10days	8
Fever with bodyache <at night	15days-6months	3	3	2-13days	8
Intermittent	2months	4	2	5days	8
		1	1	1-18days	8
		27	20	-do-	
		20	17	-do-	
		18	15	-do-	
		8	6	-do-	
		2	2		

Name of drug: *Thea chinensis*

Name of drug: <i>Thea chinensis</i>			Potencies used: 6,30,200			
1.	2.	3.	4.	5.	6.	7.
Head	Vertigo with pain in forehead	1month-2years	4	3	4-19days	8
		1-2months	3	3	7-19days	8
Nose	Coryza with thick yellow discharge from nose with cough <night with thin watery nasal discharge	3days-1year	35	20	1-21days	8
		-do-	12	8	3-7days	8
		2-10days	3	3	3-5days	
		2days-2years	10	4	3-12days	
Stomach	Acidity with nausea<after meal	15days-1year	13	10	2-24days	8
		1month-1year	2	2	14-22days	8
Abdomen	Constipation Heaviness & fullness of abdomen with insufficient stool	3days-9years	10	5	1-9days	8
		-do-	2	2	13-20day	8
Respiratory	Cough with mucoid expectoration and sneezing	3days-7years	29	16	2-10days	8
		3days-6months	15	13	2-20days	8
Fever	Cough-paroxysmal	5days-4month	3	2	5-10days	8
		1-7days	4	3	1-9days	8
Skin	Fever with anorexia and pain in whole body	1-7days	8	5	1-9days	8
		5day-10years	12	8	1-43days	8
		12-13days	3	2	1-7days	8
		5days-1year	8	5		
		10years	1	1		

Name of drug: *Aranea scinencia*

Name of drug: <i>Aranea scinencia</i>			Potency used: 30			
1.	2.	3.	4.	5.	6.	7.
Head	Headache with giddiness (agg. reading) Vertigo with pain in body	3days-1year	3	2	1-10days	8
		8years	2	2	8-27days	8
Rectum	Constipation	3days	1	1	11days	8
Respiratory	Dry cough<morn- ing <cold drinks with sensation of dryness in throat	2days-9years	30	16	11-28days	8
		4-30days	9	5	2-3days	8
		2days-9years	11	7	2-28days	

5. DRUG PROVING

INTRODUCTION

Drug Proving is the first step in birth and emergence of a remedy and is a unique method of ascertaining 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 person which is able to produce the similar type of disease condition in the healthy person & hence it is necessary to perform provings on healthy human beings with new remedies and reprove existing ones in order to expand the therapeutic armamentarium.

Keeping in view the above, the Council has undertaken the job of proving of drugs since its inception. This work has been carried out at three Drug Proving Research Units located at Calcutta & Midnapore in West Bengal & Lucknow in Uttar Pradesh and in addition to this, Regional Research Institute (H), New Delhi, and Homoeopathic Research Institute, Lucknow have also undertaken this work. The proving of drug is conducted under Similia'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, constitution 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. Provers are provided to the provers in coded phials 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 proformae. 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.

ACHIEVEMENTS

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. *Boerhaavia diffusa*
10. *Cassia fistula*
11. *Carica papaya*
12. *Cassia sophera*
13. *Curcuma longa* (Short Proving)
14. *Cuprum oxydatum nigrum*
15. *Cynodon dactylon*
16. *Chelone*

17. Embelia ribes
18. Formic acid
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. Embelia Ribes (Reproving as per instructions of Working Group)
32. Theridion

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

Monograph No	
1.	ABROMA AUGUSTA FOLIA
2.	KALI MURIATICUM
3.	CASSIA SOPHERA
4.	CYNODON DACTYLON
5.	AEGLE FOLIA & AEGLE MARMELOS (finalised for publication)

5.1.2.2. Quarterly Bulletin

Name of the Drugs	No. & Issue of Qtrly. Bulletins
1. Kali muriaticum	Vol. 3 No. 1 1981
2. Cassia sophera	Vol. 2 No. 2 1980
3. Cynodon dactylon	Vol. 2 No. 4 1980
4. Baryta iodatum	Vol. 2 No. 3 1980
5. Formic acidum	Vol. 7 No. 4 1985
6. Cuprum oxydatum nigrum	Vol. 7 (1-4) 1985
7. Hydrocotyle asiatica	(Drug Proving Special) Vol 9 (3,4) 1987
8. Boerhaavia diffusa	- do -
9. Mygale	- do -
10. Tarentula hispanica	- do -
11. Tarentula cubensis	- do -
12. Aranea diadema	- do -
13. Aegle folia	- do -

14. Aranea scinencia	(Drug Proving Special II) Vol.12 (1-2) 1990
15. Tela aranea	- do -
16. Atista indica	- do -
17. Aegle marmelos	- do -
18. Cassia fistula	- do -
19. Thea chinensis	- do -
20. Curcuma longa	CCRH QB-Vol.13(1&2) 1991
21. Azadirachta Indica	- do -
22. Tylophora Indica	- do -

5.1.3. ACHIEVEMENTS MADE SO FAR - INSTITUTE/UNIT WISE

Name of the Instt./Unit	Achievements
5.1.3.1. CRI(H), Calcutta	Proved one drug. Institute had been closed with effect from April 1986 as per orders of the President of Council.
5.1.3.2. CRI (H), Kottayam	So far proved 3 drugs. Since this Institute is being developed as a nodal point for Behavioural Disorders, further proving work has been discontinued w.e.f. Oct., 1989 on the recommendations of the Scientific Advisory Committee made in its meeting held on 22.8.1989.
5.1.3.3. RRI (H), Gudivada	So far proved one drug. Proving of second drug completed DPVis withdrawn w.e.f. 1990-91
5.1.3.4. RRI(H), New Delhi	So far proved 5 drugs. Proving of 6th & 7th drug was in progress at the end of reporting year.
5.1.3.5. HDRI, Lucknow	Proved 13 drugs and proving of 14th drug started with preliminaries.
5.1.3.6. DPRU, Calcutta	Proved 12 drugs. Proving of 13th & 14th are simultaneously being done and was started at the end of reporting year.
5.1.3.7. DPRU, Midnapore	Proved 13 drugs. Proving of 14th drug continuing with the trial of 2nd Quota.
5.1.3.8. DPRU, Ghaziabad	So far proved 12 drugs and proving of 13th was at terminal stage.

5.2 ACHIEVEMENTS DURING THE YEAR 1991 - 92

Proving of two drugs was completed during the year 1991-92. Proving of three more drugs was in the last stages.

5.3 MEETING

The 6th meeting of Working Group on Drug Proving and Clinical Verification was held on 1st July and 2nd July, 1991 at Drug Proving Research Units at Calcutta and Midnapore respectively.

5.4 PAPERS PRESENTED IN SEMINARS/CONFERENCES/WORKSHOPS

5.4.1

Dr. V.M. Nagpaul, Asstt. Director (H) presented a paper on "Provings under CCRH" at All India Seminar on Cancer and Homoeopathy and Second Convention 1992 organized by Hahnemanian Medico, Asansol held on 17th Jan. to 19th Jan., 1992 at Rabindra Bhawan, Asansol.

5.5. FUTURE PROGRAMME

Proving of more drugs will be undertaken and more Monographs will be published for the benefit of the profession.

6. DRUG RESEARCH

INTRODUCTION

This programme under the Council includes studies relating to the survey collection identification of genuine raw drug material. It also includes standardisation studies with regard to the preparation of quality finished products from the genuine raw drugs material and last but not the least are the studies relating to potency estimation.

6.1. SURVEY OF MEDICINAL PLANTS & COLLECTION

Survey of Medicinal Plants occupies a pivotal position in the field of Drug Research and especially so in Homoeopathy where almost 80% of the drugs are from vegetable origin. The Council had, therefore, established a Survey of Medicinal Plants and Collection Unit in 1979. The unit is located at Udhagamandalam in Tamil Nadu. It conducts survey of areas rich in medicinal plants and also collects raw drug samples and supplies them to the Institutes and Units where Drug Standardisation studies are being conducted. The Council has also taken up the project of cultivation of homoeopathic medicinal plants in bulk for research as well as for commercial purposes. Under this project the barbed wired fencing work of the allotted land (12.70 acres) has been completed and the unit has procured about 500 saplings of *Cineraria maritima* plant and shifted it to Council's Cultivation Garden and a programme has been drawn up so that the number of *Cineraria* saplings could be increased and more medicinal plants can be cultivated. The Council is also exploring the possibilities for cultivating the other two Homoeopathic Medicinal plants viz. *Hydrastis canadensis* and *Arnica montana* proposed by the Ministry of Health and Family Welfare, Govt. of India.

6.1.1. WORK DONE DURING THE YEAR 1991-92

I. Medico-Botanical Exploration Cum Raw Drug Plant Material Collection Tours

- 4 major and 9 local one day Medico-botanical exploration tours have been carried out by Sh. D. Suresh Baburaj, Survey Officer Incharge, Dr. S.S. Nain, Research Assistant (H) and supportive personnel of this office in and around Udhagamandalam.
- Literature Survey cum Herbarium Consultation tours: 4 Herbarium consultation tours have been carried out to Botanical Survey of India (Southern Circle) Coimbatore by Dr. S.S. Nain, R.A.(H) and Survey Officer Incharge.
- Administrative Tours: 4 Administrative tours have been carried out by Survey Officer Incharge to Office of Executive Engineer, C.P.W.D., Coimbatore.

II. Identification

Botanical identifications have been made on the 429 field numbers collected from various parts of South India.

III. Nomenclature, Documentation and Miscellaneous

200 Index cards have been prepared from published literature on important topics pertaining to Botany, Medicinal plants and Homoeopathy.

IV. Herbarium Work Done

- 456 Herbarium Specimens have been mounted.
- 513 Herbarium Specimens have been stitched.

- c) 550 Herbarium Specimens have been labelled.
- d) 250 Fair field book entries have been made.
- e) 403 Field numbers have been collected for the herbarium of this office bringing the total running field number to 4,327.
- f) 381 herbarium specimens have been accessioned & incorporated in the herbarium of this office bringing the total number of verified and authenticated herbarium specimens to 4538.

V. Museum Work Done

2 Exhibits have been added to the voucher specimen raw drug homoeopathic medicinal plant material museum during this period bringing the total number of exhibits to 52 till date.

- 1. Anamitra cocculus (Linn.) Wight & Arn.
- 2. Magnolia grandiflora Linn.

VI. Collection of Raw Drug Plant Material

- a) 14 Raw drug plant material have been collected in bulk quantity and sent to the 2 Drug Standardisation Units and 1 Drug Research Institute under the Council.
- b) 4 Raw drug plant material have been collected for supply to other agencies/head office.

VII. Supply of Raw Drug Plant Material

- a) Supplied 9 Raw Drug Plant material to H.D.R.I. Lucknow.
- b) Supplied 3 Raw Drug Plant material to D.S.U. Hyderabad.
- c) Supplied 5 Raw Drug Plant material to D.S.U. Ghaziabad.
- d) Supplied 3 Raw Drug Plant Material to Dr. K.P. Muzumdar Smt. CMP Homoeopathic Medical College, Bombay.

VIII. Preparation of Homoeopathic Mother Tincture

The following Homoeopathic Mother Tinctures have been prepared.

- 1. Allium cepa
- 2. Magnolia grandiflora
- 3. Primula obconica
- 4. Pastinaca sativa
- 5. Cassia fistula

IX. Supply of Homoeopathic Mother Tincture

- a) 2 Homoeopathic Mother Tinctures supplied to HDRI, Lucknow.
- b) 2 Homoeopathic Mother Tinctures supplied to D.S.U., Hyderabad.
- c) 1 Homoeopathic Mother Tincture supplied to D.S.U. Ghaziabad.
- d) 1 Homoeopathic Mother Tincture supplied to CCRH HQ.

X. Supply of Herbarium Sheets of Raw Drug Plant Material

- a) 2 Herbarium Sheets supplied to D.S.U. HYD.
- b) 6 Herbarium sheets supplied to HDRI, LKO.
- c) 4 Herbarium sheets supplied to DSU, GZB.
- d) 3 Herbarium sheets supplied to Dr. K.P. Muzumdar, Smt. CMP Homoeopathic Medical College, Bombay.

XI. Development of cultivation land site

Under this project fencing of land by barbed wires have been completed and Unithasprocured about 550 saplings of Cineraria maritima and planted them in Council's cultivation garden.

XII. Supply of Information/Advisory Services:

7 Scientific informations were supplied to different research organisations.

XIII. Seminar/Symposium/Conferences/Meetings: Attended/Participated:

Sh. D. Suresh Baburaj, Survey Officer attended the Seminar on "The Future of Wild life and Environment in the Nilgiris" sponsored by the M/O Environment and Forest on 20.3.92.

XVI. Paper Published

- 1. D. Suresh Baburaj, S.S. Nain and S.Rajan 1991. Teratological observations on three flowering plants. Journal of Economic and Taxonomic Botany. 15(1): 227-232.
- 2. Suresh Baburaj D. and S.S.Nain 1991 "Argemone ochroleuca Sweet A new record for Tamil Nadu" Journal of Economic & Taxonomic Botany. 15(2):467-68.
- 3. M.S. Dawre, D. Suresh Baburaj & S.Rajan 1991, Nomenclatural Changes in Indian Homoeopathic Medicinal Plants. CCRH Q.B. 13(1-2), 1991 24-26.
- 4. D. Suresh Baburaj & Nain S.S. Further additions to the Check List of Homoeopathic Medicinal Plants of India. CCRH Q.B. 13(1-2); 1991 33-34.

FUTURE PROGRAMME

The Survey & Collection of Medicinal Plants to continue.

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 method 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.

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 1980-91.

During the above mentioned period between 1980-91, pharmacognostical studies on 153 drugs, physico-chemical studies on 130 drugs and pharmacological studies on 93 drugs and histo-chemical studies on 6 drugs have been completed.

6.2.2. ACHIEVEMENTS DURING THE YEAR 1990-91

Drug Standardisation work was continued during the year 1991-92 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 10 drugs have been completed.

6.2.2.2. Physico-Chemical Studies on 14 drugs have been completed.

6.2.2.3. Pharmacological Studies on 11 drugs have been completed.

6.2.3. Publications

1. Research Officer (Pharmacognosy) delivered a talk on "Collection, Storage and Preservation Techniques of Plant Drugs" in Orientation Training Programme for Manufacturing Chemists held at H.P.L., Ghaziabad.

2. "Pharmacognosy of Smilax aspera Linn. A Source of Sarsaparilla" in Prof. L.L. Narayan Commemoration Volume, Indian Journal of Botany. 13.40-45 P. Padma Rao and T. Rajagopal.

3. Effects of DES & EMS on Epidermis in Trigonella foenumgraecum L. (In press) in Indian Botanical Rep. K. Janardhan & P.P. Padma Rao.

4. Structure and Development of Uniseriate Filiform Collared Peltate Hair in Clerodendrum (in Geophytology) P. Padma Rao & N. Ramayya. Paper communicated for publication.

5. "Standardisation of Homoeopathic Drugs - An Experimental Model of *Gymnema sylvestre* R.Br. Published from H.D.R.I., Lucknow.

6. "Pharmacological study of *Amoora rohituka* - Antipyretic action on albino rats," this paper was presented by Dr. Sunil Kumar, Asstt. Director (P) in the All India Homoeopathic Convention which was held on 16th February, 1991 at Ravinderalya, Lucknow.

7. Pharmacognostic studies in *Abrus precatorius* Linn P. Padma Rao, D. Ramesh and T. Rajagopal CCRH Q.B. Vol. 12 (1&2) 27-32.

8. Pharmacognostic studies on Rhizome of *Arundo donax* Linn P. Padma Rao, D. Ramesh and T. Rajagopal Journ. Swamy Bot. Cl. Madras).

9. Structure and distribution of extrafloral nectaries (EFN) in *Clerodendrum* (Verbanaceae) (Journal of Indian Bot. Sci.) P. Padma Rao and N. Ramayya.

10. Numerical Taxonomy of some Indian *Clerodendrum*, P. Padma Rao and N. Ramayya. (in Bio Vigyanam).

11. Chemotaxonomy and Biological activity of some *Clerodendrum* L. (in Biovigyanam) P. Padma Rao.

6.2.4. FUTURE PROGRAMME

Drug Standardisation work to continue.

6.3. DRUG RESEARCH FOR POTENCY ESTIMATION

Homoeopathic Drug Research Institute has been established at Lucknow in May, 1987 for advance research studies to potency estimation of Homoeopathic Dilutions.

6.3.1. WORK DONE DURING THE YEAR 1991-92

6.3.1.1. To study the efficacy of Homoeopathic Drug *Crataegus oxycantha* Q, 6 & 30 in dissolving the Thromboembolus in Experimentally induced Embolic conditions in Male mice.

In the present investigation, it was observed that the corresponding potency of test drug *Crataegus oxycantha* Q, 6 & 30 gave more protection than the 6 and mother tincture. The anti-thrombotic effect of *Crataegus oxycantha* thus appears to be due to its antiaggregating activity and findings of this investigation closely resemble the anti-thrombotic activity of Curcumin (Dhawan et. al 1985).

6.3.1.2. To study the efficacy of Homoeopathic Drugs in Cholecholithiasis produced experimentally in Laboratory Animals:

The experimental analysis is still continuing to locate the potentiality of the following drugs:

- Fel tauri 2X or 3X
- Calcarea carbonicum 3X and 6
- Cholestrinum 3X & 6X
- Natrum sulphuricum 3X & 6X

As an anti-cholecholithiasis activities in experimentally induced diseased conditions in albino rabbits and in the present experimentation an attempt shall be made to explore the mechanism of action of these drugs and its doses with particular emphasis to therapeutic value.

6.3.1.3. To study the efficacy of Homoeopathic Drugs in the treatment of Arterio-sclerosis produced experimentally in Laboratory Animals.

6.3.1.3.1. Anti Arteriosclerotic activities of certain homoeopathic drugs viz. *Cactus grandiflorus* and *Polygonum aviculare*.

Cactus grandiflorus Q, 3x and *Polygonum aviculare* Q, 3x, Vehicles and normal saline were administered

in 100 adults albino rabbits of either sex in whom hypercholestraemia had been induced experimentally

The experimental data revealed that the drug, *Cactus grandiflorus* 3x and *Polygonum aviculare* 3X exhibited marked anti-arteriosclerotic potentiality in experimentally induced sclerotic rabbits than normal saline, vehicle and mother tincture treated groups. It was also noticed that the drug *Polygonum aviculare* in its 3X potency indicates more pronounced anti-arteriosclerotic activity in comparison to *Cactus grandiflorus*, observation also shows anti-thromboembolic properties also as a result of Histopathological and Histochemical observations of certain isolated organs and tissues.

6.3.1.4. Pharmacological screening of the Homoeopathic Drugs/Preparations for their Hypoglycaemic Activities on Laboratory Animals.

6.3.1.4.1. Anti-Diabetic activities of Alloxan in potentised State:

The experimental data obtained was statistically analysed using students 't' test. It is evident from the observation that regular administration of dynamised form of Alloxan in its 6X, 30X and 200X potencies at a dose level of 0.1 ml./Kg. b.w. in rabbits exhibited significant hypoglycaemic activity as compared to controls and normal controls and undynamised dilutions of Alloxan 6X, 30X and 200X treated groups. Furthermore, it was also noticed that hypoglycaemic potentiality of dynamised dilutions of Alloxan 30X and 200X are more pronounced as compared to dynamised dilutions of Alloxan 6X.

The histopathological observation show that the regeneration/revival of degenerated and damaged B-Cells in Islet of Pancreas is perceptibly increased in many of drug treated groups. As such only 30-40% B-Cell count were found in functional state especially in 30X & 200X potencies of dynamised alloxan. Morphometric studies of brain also discern non-involvement of hypothalamo-hypophysial pancreatic axis.

6.3.1.5. Pharmacological screening of *Cephalandra indica* Q for its Hypoglycaemic activity and isolation of Hypoglycaemic ingredients.

Necessary laboratory facilities are being obtained from various laboratories and institutions such as Public Analyst Laboratory and HDRI, Lucknow for isolation of active ingredients in *Cephalandra indica* Q which show prominent anti-diabetic activity.

6.3.1.6. To Explore the possibility of Mechanism of action of Homoeopathic Drugs/Preparation in potentised diluent medium beyond Avogadro's number involving Human Basophil Degranulation Triggered by very dilute Anti-serum against IgE Prof. Benveniste's experimental model with addition of certain physical parameters to prove the concept scientifically and to establish the homoeopathic principles.

The science of immunology is concerned with the specific mechanisms by which living tissues react to biological materials (including invading microorganism) so that resistance or immunity develops. The foreign integrity of the defence system of the host, as in reacting to and overcoming invasion by microorganism, is of vital importance for the survival of the host.

There are two major molecular systems involved in antigen recognition. The first is the antibody molecules which belong to serum protein and termed as the immunoglobulins. Studies of their biology, structure and genetics have formed the basis of immunology over the last two decades. The second, initially discovered by Gorer in the 1930 is known as the major histocompatibility system or MHS. In recent years it has become clear that the MHS is not just

a stumbling block to transplantation but is invariably involved in lymphocytes function in the immune response. Recent advances in the structure of certain complement and the haemostasis of complement activation reveal that complement is not entirely witchcraft. The complexities of any biological system are described in terms of molecular system. In the immune system the best characterised molecules are the antibodies which occur in the globulin fraction of serum and are known as the immunoglobulins. In the early 1950's a knowledge of their physical and biological properties permitted their isolation and characterization.

An emphasis has also been made in recent years regarding the elaboration of three dimensional structure of immunoglobulin and how this relates to their ability to find antigen and initiate secondary phenomena such as complement activation. Electron microscopical and X-Ray diffraction crystallography methodologies are involved to locate the three-dimensional structure.

Recent researches and developments pertaining to elaboration on mechanism of action of homoeopathic drugs in higher dilutions especially beyond Avogadro's number has implicated the involvement of a very sensitive test system i.e. IgE-sensitized human basophil. Human polymorphonuclear basophil bear on their plasmic membranes immunoglobulins E (IgE) with high affinity and specificity for allergens. When basophils are internally stimulated/triggered by an anti-IgE antibody or the specific allergen, their response is of two types depending upon the intensity of the stimulation.

- Cytoplasmic secretory granules take deep and dense histochemical staining probably linked to ion transport at the surface of the granules.

- Degranulation of cytoplasmic secretory granules are caused due to extracellular liberation of the granules and of their mediator contents such as histamine.

- It is acromasia and not degranulation which was noticed studying the biological effects of highly diluted substances on basophils.

Davenas et al 1988 and Poiterin et al 1986 & 1988 have demonstrated through series of experiment, staining of human basophils (achromasia) staining granules as a result of induction of usual concentration of anti-IgE antibody but also by very low concentration of this antibody where the number of antibody molecules in the assay is too low to trigger the process.

Successive peaks of degranulation 40-60% of basophil contained in leukocyte suspensions were recorded with the anti-IgE antiserum ten fold diluted from $6.66 \times 10^{-6}M$ down to concentrations. However the similar methodology was adopted to goat anti-human IgE antiserum but exhibited no such effect. This phenomenon was also seen with monoclonal anti-IgE antibodies, specific antigen, calcium ionophore A 23187 or phospholipases A from bee venom or porcine pancreas at low and high dilutions. Benveniste et al 1986 have demonstrated that high dilutions of two homoeopathic drugs, *Apis mellifica* and lung histamine used for the treatment of allergic diseases, perceptibly inhibited human basophil acromasia induced by different allergens of hymenoptera or anti-IgE antiserum.

In view of the existing documents fore exploring the possibilities of mechanism of action of higher dilutions of Homoeopathic drugs, an attempt has been made to frame/design a Experimental model/methodology of Human basophil degranulation triggered by very dilute anti-serum against IgE with slight modification of Prof. Benveniste's model involving multidisciplinary approach to solve/locate this aspect scientifically.

6.3.1.7. Establishment of Basic Fundamental Difference between the Dynamised and Non-Dynamised dilutions in terms of Absorption and Therapeutic values: An

Experimental Approach:

The present study was designed/framed to locate the basic fundamental difference between dynamised and non-dynamised dilutions of homoeopathic preparations for evaluating the antidiabetic potentiality of Alloxan and its potencies in experimentally induced diabetised animals through an in-vivo and in-vitro experimentation. A detailed experimental model/methodology and its observations were incorporated under the pharmacological screening of anti-diabetic drugs of the same Annual report.

6.3.2. Paper Published

Demonstration of Anti-Diabetic Activities of Alloxan in Potentised Diluent State - An experimental Approach by D.P. Rastogi, V.M. Nagpaul and Sunil Kumar in CCRH Quarterly Bulletin Vol.13 (3&4) 1991 pp. 25-32.

6.3.3. Seminars/Conferences/Training Programmes Attended:

Sh. E.N. Sundaram Research Officer (Endocrinology) HDRI, Lucknow attended the training pertaining to Hormonal Assay and certain specific techniques of endocrinological aspects from 9.10.91 to 30.10.91. Sh. D.M. Singh, Research Officer (Pharmaceutics) attended an Orientation Training Programme from 11.11.91 to 15.11.91, and training on preparation techniques for Nosodes from 18.11.91 to 22.11.91 at Homoeopathic Pharmacopoeia Laboratory, Ghaziabad. Dr. Sunil Kumar Assistant Director(P), HDRI, Lucknow attended the Managerial Development Programme in Health & Family Welfare conducted by IIM, Lucknow from 30.12.91 to 10.1.92.

6.3.4. Future Programme:

Drug Research Programme 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.

A) REVIEW AND REVISION OF KUNZLI'S (KENT'S) REPERTORY

Kent's Repertory is one of the most comprehensive repertories 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 with 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 repertories Chapter/rubric wise is made. Additions to Kent's Repertory are recommended keeping in view Kent's philosophical frame work after confirmation from known source books.

B) The additions of rubric/drugs from Boger Boeninghausen's Repertory to Kent's Repertory and compilation of Homoeopathic Therapeutic of the Rheumatic and other disorders of the joints was also continued during the period under report.

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.

7.1. WORK DONE UPTO 1991

Details of the Additions as approved by Working Group till 31.3.91 is as follows.

7.1.1. Review and Revision of Kunzli's(Kent's) Repertory

Sl. No.	Chapter	Additions Rubric wise from/to	Additions approved by Working Group
1.	Eye	Hyperaesthesia optical Boe. p. 725 to Vitreous opacities turbid Boe. p.728	Eye-Pain-Type shooting, stitching darting, cutting Boe. p. 724 to Eye-Pain-Modalities worse on right side Boe. p. 724
2.	Mind	Imaginations, fancies, hallucinations, illusions Acute vivid Boe. p. 691 to Hallucinations Remedies in general Boe.p.691-92	Fears-Dread being carried or raised Boe. p. 690 to Hysteria Boe. p.691

3.	Respiratory System	Cough-Type-spasmodic paroxysmal,nervous violent, suffocative Boe. p. 891 to Expectoration-Type, viscid, tenacious, difficult of raising Boe. p. 894	Cough - type -fatiguing, exhausting, irritating Boe. p. 891 to Whooping convulsions Boe. p.892
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7.1.2. Additions from Boger Boenninghausen Repertory to Kunzli's (Kent's) Repertory
 1. Mind
 Answers and relapses into stupor Boen. p.192 to Anxiety, agony abdominal Boe.p.192

7.1.3. Compilation of Homoeopathic Therapeutics

a) Compilation of Therapeutics on Rheumatic and other disorders of the joints. The compilation work on 9 drugs had been completed during the year 1990-91.

7.2. WORK DONE DURING THE YEAR 1991-92

7.2.1. Review & Revision of Kunzli's (Kent's) Repertory in relation to other works - Additions from Boericke's Repertory to Kunzli's (Kent's) Repertory.

The work was continued on Chapter Eye, Mind & Respiratory System details of which are as follows.

S.No.	Chapter	Additions Rubric wise from/to rubric	Additions approved by Working Group
1.	Eye		EYE-PAIN-Modalities Amelioration cold air, applications Boe.p.725 to Vitreous opacities turbid Boe.p.728
2.	Ears	Auditory Nerve torpor Boe. p.729 to Tinnitus Aurium-Whizzing Boe.p.733	--
3.	Mind	Imaginations-hallucinations, auditory bells, voices, Boe. p. 693 to Mood-Disposition haughty, contempt of self Boe. p.696	Imaginations, duration of time and space lost or confused Boe. p. 692 to Memory weak from sexual abuse Boe. p.694

4. Respiratory System

Empty-feeling in chest Boe. p.894 to voice-whispering, weak voice Boe. p. 898

COUGH-TYPE-Whooping early stage, spasmodic Boe. p. 892 to Expectoration type purulent, muco purulent.

7.2.2. Additions from Boger Boenninghausen's Repertory to Kunzli's (Kent's) Repertory

Mind

Anxiety, heart, pre-cordial Boe.p.192 to Calling Boen.p.194

Anxiety, heart pre-cordial Boe. p.192 to Awkwardness, strikes against things Boe. p. 193

7.2.3. Compilation of Homoeopathic Therapeutics on Rheumatic and other disorders of the joints. The compilation work on 73 drugs has been completed during this period.

7.3. MEETINGS

The 15th, 16th and 17th meeting of the Working Group on Literary Research of the Council were held on 12th & 13th April, 1991 11th & 12th July 1991 and 28th & 29th November 1991 respectively at CCRH/Hqs., New Delhi. The Working Group reviewed and approved the work done on the chapters Eyes, Mind, Ears and Respiratory System under the project "Review & Revision of Kent's Repertory" and chapter Mind under the project "Addition of Kent's Repertory from Boger Boenninghausen's Repertory". The work on chapter Eyes has been completed. This will be published in the form of a booklet for wider circulation.

7.4. PUBLICATIONS

7.4.1. A booklet entitled "Additions to Kent's Repertory from Boericke's Repertory in relation to other works - Chapter EYES" is under print.

7.4.2. A paper entitled "Corrections of Abbreviations for Medicines used in Boger Boenninghausen's Repertory" by Drs. D.P. Rastogi and V.D. Sharma in the British Homoeopathic Journal Vol. 80 No.4 Oct.'91.

7.5. PAPERS PRESENTED AT SEMINARS/WORKSHOPS/CONFERENCES

7.5.1.. "CCRH-An Overview" at All India Homoeopathic Seminar, Ahmedabad and also at an All India Seminar on Cancer and Homoeopathy at Asansol in Jan., 1992.

7.6. FUTURE PROGRAMME

Literary Research programme to continue.

8. DOCUMENTATION

INTRODUCTION

Documentation could be defined as the art of collecting, classifying and making readily accessible the records of all kinds of intellectual activity. In its basic form it begins with the procurement and proper storage of documents for ready retrieval at the time of need. This is followed by proper Indexing (Subject wise, Title wise, Author wise etc.) Bibliographic Preparations, Abstracting, Translations, Current Awareness Services and Selective Dissemination. In the recent times it has in itself become a science.

There is great scope of such a service in Homoeopathy as a large volume of data on homoeopathic drug pathogenesis, clinical observations, a good number of periodicals/journals and books published all over the world is scattered and isolated and not easily available to the researchers. Its introduction has definitely contributed to the progress of Homoeopathy which had been at a slow pace since the time of its discovery in the 18th century.

Ascertaining the exact information requirement of a research community and then tailoring the service accordingly to meet the specific requirements, thus plays a crucial role for optimum output. Documentation needs to be backed by every aspect of library activity, from document selection, accession, classification, cataloguing, circulation, reference service to a higher pitch of efficiency.

Documentation Section of CCRH

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 on-going 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.

8.1. ACHIEVEMENTS DURING THE YEAR 1991-92

The reference library which is a part of the Documentation Section has procured one hundred forty eight (148) books (including 92 WHO publications and 22 Complementary books). The total no. of Books in the Library as on March 1992 is 4,860. The library subscribes to 29 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. Documentation work:

On Homoeopathic Drugs: The work on Homoeopathic Drugs with reference to their origin, history, habitat, botanical and pharmacognostic characteristic, introduction into Homoeopathy, therapeutic or active principle, references in journals/materia medicas and to provide this information to the 51 Units/Institutes under the Council. Work on 12 drugs is in progress.

On Clinical Research Problems: The reference lists on 34 problems had been prepared on the clinical research problems assigned to various clinical research Units and Institutes. It is a continuous work as they need to be updated from the macrodocuments being procured by the library regularly.

On Partially Proved Drugs: The data in respect of 147 partially drugs assigned to the tribal units under the Drug-related clinical research projects have been compiled from the various source books.

8.1.1.2. Bibliographic Lists

A bibliographic list entitled "Current Health Literature Awareness Services" is released quarterly 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 1991-92.

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. The abstracts on the articles on AIDS, Cancer and Dermatology published in Indian and Foreign Journals both in Homoeopathy and Allied Sciences subscribed by the Council has been prepared. These are updated every year from the journals being received in the library. The abstracts on the articles on various other clinical problems is in progress.

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. Two hundred and twenty eight (228) such queries have been answered by the Section during the year.

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. Over 260 photocopied documents were provided in 1991-92.

1.5. Newspaper Clippings: The clippings from various newspaper published in India, on Homoeopathy and Allied subjects are procured. These cuttings are classified and placed on records. During the period, under report 933 newspaper clippings were received bringing the total to 17,400 till date.

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.8,315 in this year.

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 research activity.

8.1.7.1. Supply of Video Cassettes: The Council has developed a Video Library of the scientific activities of various Congresses, Seminars, Workshops, Discussions etc. which it organises or participates in. At present there are 13 films. New films are added from time to time. The Council has decided to make available 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. This service was started in the last quarter of the year 1991-92. Twelve (12) cassettes have been supplied till 31st March 1992.

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 1991-92

LIBRARY

Books

Number of titles accessioned	148
- WHO Publications	92
- Number of books received as complementary	22
- Number of books procured	34

Journals

Number of Journals subscribed	29
- Foreign	5
- Indian	18
- WHO periodicals	6

(Cardex system for registration of the current journals has been introduced).

DOCUMENTATION

Information Services

- No. of queries answered	228
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Reprographic Services

- No. of documents whose photocopies have been supplied.	260
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Bibliographic lists

- Current Health Literature Awareness Services.	4
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Press Clippings

- No. of press clippings received, classified and entered in stock register.	933
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- Total collection of press cuttings	17,400
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Publications

- Quarterly Bulletin Vol.13	2 issues
CCRH NEWS No. 19	1 issue
- Supply of Video Cassettes	12
- Publication sold in 1991-92	Rs. 8,315.00
Total Council's publication sold	Rs.54,397.00

9. IN-SERVICE TRAINING PROGRAMME

In-service Training Programme for the scientists of the Council for updating their knowledge was conducted during the year 1991-92 as this has definite bearing on the research work they are supposed to carry out. Therefore, Council has established a Training Cell at the Council's Headquarters Office which conducts or participates in Workshops on the research undertaken by the Council. The main aims of the Seminars/Workshops are to disseminate the recent researches to develop mechanism for national exchange of information and experience and to increase the knowledge of research workers and scientists in their field of research activity.

ACTIVITIES DURING THE YEAR 1990-91

9.1.1. Workshop

A Workshop-cum-Training in Personal Computers and their use in Homoeopathy was organised by Council from 5th May to 11th May, 1991. While welcoming the participants, Director, CCRH laid emphasis on research and case taking and that computer should be used as an important tool for analysis and follow up of the particular case.

Over the two days, the participants were imparted Basics of Personal Computers and the rest of the days on software available in Homoeopathy alongwith number of Hands on Session on these softwares.

9.1.2. Dissemination of Research findings of C.C.R.H. to the Homoeopathic Profession.

A Workshop was attended by the scientists from all the Institutes under CCRH and the Council's Hqs. Office. The occasion of the All India Seminar on Cancer and Homoeopathy and 2nd convention organised by the Indian Medical Association was held at Asansol from 7th Jan. to 19th Jan., 1992. The scientists of the Council presented various research activities.

The following papers were presented:

- CCRH-An Overview
- Human Immunodeficiency Virus (HIV) Infection, including AIDS. Does Homoeopathy has a Role to Play in its Treatment?
- Findings Under CCRH
- Study of 413 cases of Bronchial Asthma treated with Homoeopathic System of Medicine.
- Homoeopathic Aggravation, a Myth or a Fact?

Dr. D.P. Rastogi, Director, CCRH

Dr. D.P. Rastogi, Director, CCRH
Dr. V.P. Singh, Research Officer,
CCRH Hq

Dr. V.M. Nagpaul, Asstt. Director(H)
CCRH Hq.

Dr. Hari Singh, Research Officer
Incharge, RRI, New Delhi

Dr. R.K. Manchanda
Assistant Research Officer (H),
RRI., New Delhi.

9.1.2.2. Ahmedabad

Dr. V.M. Nagpaul Assistant Director (Homoeo), CCRH Hqs., New Delhi participated in All India Homoeopathic Seminar organised by Homoeopathic Medical Association of India in November 1991 at Ahmedabad. He presented a paper entitled "CCRH-An Overview" by Dr. D.P. Rastogi. A film "Magic of the Tiny Globules" produced by the Council was shown to the delegates attending the Congress.

9.1.2.3. Dhanbad

The 1st All India Homoeopathic Congress organised by Indian Homoeopathic Organisation was held from 26th to 29th December 1991 at Indian School of Mines Auditorium, Dhanbad, Bihar. Dr. P.S. Chakraborty, on behalf of the Council was deputed to put up the exhibition depicting the various scientific activities of Homoeopathic Drug Research Institute, Lucknow. The publications of the Council were also put up for sale.

A memento was presented to the Council for its contribution in the field of Research in Homoeopathy which was received by Dr. P.S. Chakraborty on behalf of the Council.

9.1.2.4. Delhi

Dr. V.M. Nagpaul, Assistant Director(H) gave a lecture on Drug Proving: Planning and Protocol on 11th February 1992 at Nehru Homoeopathic Medical College & Hospital, Defence Colony, New Delhi.

9.1.3. Training Programmes conducted/attended

9.1.3.1. Two training programmes have been conducted by CCRH for the personnel sponsored by the Cabinet Secretariat in the use of homoeopathic remedies in common ailments in October 1991 and March-April 1992 at CCRH Hqs.

9.1.3.2. Dr. V.M. Nagpaul, Assistant Director(H) participated in the Training Programme conducted by Central Vigilance Commission for Chief Vigilance Officers from 9th Dec. 1991 to 13th Dec. 1991.

Dr. D.P. Rastogi, Director CCRH participated in the Training Programmes organised by WHO at National Institute of Health & Family Welfare from 20th Jan. '92 to 24th Jan. 1992.

Mr. O.P. Verma, Librarian and Dr. Anil Khurana, Research Assistant, CCRH Hqs. participated in the Training Programme of Computer Software Package- 'Fundamentals of MEDLARS Searching' organised by the ICMR-NIC Centre for Biomedical Information, New Delhi from 7th Oct. 1991 to 11th Oct. 1991.

FUTURE PROGRAMME

Training Programme for research workers to continue.

10. PUBLICATIONS

Research study is complete only when the findings obtained during the course of study are made public through writing or publication, for they cannot be utilised fruitfully if they are not known to the people who ought to know 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 News wherein technical activities and achievements of the Council are highlighted, CCRH News wherein Council's activities are published and Books/Monographs.

FOLLOWING WERE PUBLISHED DURING THE YEAR 1991-92

10.1.1. QUARTERLY BULLETIN

Vol.13 of the Quarterly Bulletin was published during this period.

Vol.13(1&2)-consists of proving data of 3 drugs viz. Azadirachta indica, Tylophora indica and Curcuma, Iona proved by the Council at its various Drug Proving Research Units besides other scientific articles.

Vol.13(3&4) - contains the papers on Clinical Research on Filariasis, Bronchial Asthma and AIDS besides other articles.

10.1.2 CCRH NEWS

One issue (No.19) of the News letter was published during this year

ACKNOWLEDGEMENTS

The Director and staff members of the Central Council for Research in Homoeopathy would like to thank the Hon'ble Minister of State for Health & Family Welfare, who is the President of the Council for their keen interest and active support in the growth and development of the Council.

We are also thankful to Secretary, Additional Secretary, Joint Secretary and Director (ISM & H), Ministry of Health & Family Welfare for providing us continuous help and encouragement. Our sincere thanks are also due to the members of the Governing Body, Standing Finance Committee, Scientific Advisory Committee, Programme Evaluation and Monitoring Committee, Working Groups of the Council and Ministry of Health & Family Welfare for their co-operation in carrying out various activities of the Council.

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,
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4. Asstt. Director Incharge
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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. Project Officer
Drug Proving Research Unit(H),
C/o Homoeopathic Pharmacopoeia
Laboratory,
C.G.O. Complex,
Near Hapur Chungi,
Kamla Nehru Nagar,
GHAZIABAD (U.P.)-201 002.
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,
VRINDABAN (MATHURA)-U.P.
14. Asstt. Research Officer Incharge,
Clinical Verification Unit(H),
E-17, Peoples Colony,
Kankar Bagh,
PATNA -801 570.
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).

17. Project Officer
Clinical Research Unit(H),
Surgical Research Lab.,
Banaras Hindu University,
VARANASI (U.P.)-221 005.
18. Research Officer Incharge
Clinical Research Unit(H),
6/430, Model Town
BAHADURGARH (HARYANA).
19. Research Officer Incharge
Clinical Research Unit(H),
Kishore Colony, Plot No.1,
Bhypindra Road,
Near Phathak No.22,
PATIALA (PUNJAB)-147 001.
20. Research Officer Incharge
Clinical Research Unit(H),
Flat No.5, Nitya Niketan,
SHIMLA (H.P.)-171 002.
21. Research Officer Incharge
Clinical Research Unit(H),
(Upstairs), Kalsanka,
UDIPI (KARNATAKA)-576 101.
22. Project Officer
Homoeopathic Research Institute,
Dr. Madan Pratap Khuteta
Rajasthan Homoeopathic Medical
College & Hospital,
Station Road,
JAIPUR - 302 006.
23. Asstt. Research Officer Incharge
Clinical Research Unit(H),
M.B. Middle Point,
Mahatma Gandhi Road,
PORT-BLAIR (A&N)-744 101.
24. Research Officer Incharge
Clinical Research Unit(H),
68-B, Ashok Nagar,
TIRUPATHI (A.P.)-517 501.
25. Project Officer
Clinical Research Unit(H),
C.D.P. College of Homoeo-
pathic Medicine,
Near Anand Mangal Society,
Bhatar Road, SURAT-395 001.
26. Research Officer Incharge,
Clinical Research Unit(H),
Khalipara, Odal Bakra,
GAUHATI (ASSAM)-781 019.
27. Asstt. Research Officer Incharge,
Clinical Research Unit(H),
Local Library, Anthony Building,
1st Floor, No.14,
11th Cross Street,
Sastri Nagar, Adayar,
MADRAS - 600 020.
28. Project Officer
Clinical Research Unit(H),
New Checkon Bazar,
IMPHAL - 795 001.
29. Research Assistant Incharge,
Clinical Research Unit(H),
House No.214, Shakti Nagar
JAMMU-180 001.
30. Asstt. Research Officer Incharge,
Clinical Research Unit(T)
for Homoeopathy,
Vill. & P.O. Bastar,
MADHYA PRADESH - 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,
Amla Patti, DIPHU,
Karbianglong,
Near Fire Station,
DIPHU (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,
P.W.D. Hills,
KOHIMA (NAGALAND).
41. Research Officer Incharge
Clinical Research Unit(T)
for Homoeopathy,
GANGTOK, SIKKIM.
Project Officer/Asstt. Research
Officer Incharge,
Clinical Research Unit(T)
for Homoeopathy,
Churachanpur,
MANIPUR-795 128.
42. Asstt. Research officer Incharge,
Clinical Research Unit(T)
for Homoeopathy,
Zangasti Road,
LEH (J&K).
43. Asstt. Research Officer Incharge,
Clinical Research Unit(T) for Homoeopathy,
19, Othavatai Street, Muthiamudaliarpet,
Muthialpet,
PONDICHERY-605 003.
44. Research Officer Incharge,
Clinical Research Unit(T)
for Homoeopathy,
Kanke Block Road, Kanke,
RANCHI (BIHAR).
45. Asstt. Research Officer Incharge,
Clinical Research Unit (T)
for Homoeopathy,
Building No.37,38, Gandhipuram,
P.O. Sendamangalam,
Distt. SALEM (TAMILNADU)-637 409.
46. Asstt. Research Officer Incharge,
Clinical Research Unit(T)
for Homoeopathy,
C/o Shri P. Bose, Temple Road,
SHILLONG (MEGHALAYA)-793 001.
47. Asstt. Research Officer Incharge,
Clinical Research Unit(T)
for Homoeopathy,
Old Kalbari Road,
Adviser Chowmubani,
Krishna Nagar, P.O.
Agartala, Distt. Tripura West,
TRIPURA.
48. 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.
49. Research Officer Incharge,
Clinical Research Unit(T)
for Homoeopathy,
Plot No.90(P), Deherpuli,
Professor's Colony,
P.O. Budharaja,
Distt. SAMBALPUR, ORISSA.
50. Research Officer Incharge,
Clinical Research Unit(T)
for Homoeopathy,
Distt. Chamba,
HIMACHAL PRADESH
51. Research Officer Incharge,
Clinical Research Unit(T)
for Homoeopathy,
Distt. Chamba,
HIMACHAL PRADESH

AUDIT CERTIFICATE

I have examined the Receipt and Payment Account/Income and Expenditure Account for the year ended March 1992 and the Balance Sheet as on 31st March, 1992 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 best of information and explanations given to me and as shown by the books of the organisation.

Sd/-
(B.P. MATHUR)
Directorate General of Audit
Central Revenues

Place : New Delhi

Date :

AUDIT REPORT ON THE CENTRAL COUNCIL FOR RESEARCH IN HOMOEOPATHY, NEW DELHI FOR THE YEAR 1991-92

INTRODUCTION

1. 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 on scientific lines in homoeopathy
 - (ii) undertaking any research or other programmes in homoeo.
 - (iii) prosecution of and assistance in research, propagation of knowledge and experimental measures generally in connection with the causation, 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 1988-89 to 1992-93. The Council is mainly financed by grant from the Central Government. During 1991-92, the Council received grants amounting to Rs.217.50 lakhs (Rs.118.50 lakhs under Plan including Rs.4 lakhs for research on AIDS and Rs.99 lakhs under Non-Plan). The Council also had an unspent balance of Rs.2,44,246.96 carried over from 1990-91.

2. COMMENTS ON ACCOUNTS

2.1. Balance sheet

An amount of Rs.15,537.00 (as per details given below) had been shown under the head 'Securities' on the assets side of the balance sheet:-

(a) H.P. Board, Shimla	Rs. 950.00
(b) Electricity Department	Rs. 30.00
(c) Speedways Service Centre	Rs. 6,500.00
(d) Directorate of Estates	Rs. 1,017.00
(e) I.T.D.C.	Rs. 5,000.00
(f) Puri Electricity Division O.S.E.B.	Rs. 2,040.00
	Rs.15,537.00

The Council did not maintain any register in respect of the above securities in the absence of which the authenticity of these securities could not be verified in audit. This was also pointed out in the Audit Report for the year 1990-91.

3. NON-RECONCILIATION OF INSURANCE FUND (ANDHRA BANK)

There existed a difference of Rs.12,726/- (as shown below) in the figures as shown in the annual accounts of the Council under the head "Insurance Fund" at Andhra Bank (Old Scheme) and as per bank pass book.

Balance shown in annual accounts	Rs.13,909.27
Figures as per bank pass book	Rs. 1,183.27

Scrutiny of pass book revealed that an amount of Rs.12,726/- was wrongly debited to Council by the bank on 19th March, 1985. The Council requested the bank to afford the credit of Rs.12,726/- alongwith interest due thereon in August, 1990, but necessary adjustment was still awaited. This was also pointed out in the Audit Report for the year 1990-91.

CENTRAL COUNCIL FOR RESEARCH IN HOMOEOPATHY
B-1/6, COMMUNITY CENTRE, JANAKPURI, NEW DELHI-110058

BALANCE SHEET AS ON 31ST MARCH, 1992.

LIABILITIES	AMOUNT	ASSETS	AMOUNT
1. Capital Fund		1 Assets	
Op. Balance	1,13,49,820.63	a) Furniture & Fixture	
Add Assets created during the yr.	<u>7,66,581.48</u>	Op. Balance	17,90,292.34
	1,21,16,402.11	Added during the yr.	<u>25,569.20</u>
Less:			18,15,861.54
- C/o X-Ray Machine auctioned by RRI, New Delhi in 1990-91	26,032.50	b) Office Equipment	
- Amt. of lease rent wrongly taken in Assets in 89-90 (Bldg. a/c.) now corrected	37,893.00	Op. Balance	22,16,514.13
- C/o Two Refrigerators auctioned by CRI, Kottayam (Allwyn & Leonard)	5,811.00	Add. during the year	<u>2,60,746.95</u>
- C/o Ramin-gron Type-writer auctioned by CRI, Kottayam	1,854.00		24,77,261.08
- C/o Pub. sold during the yr.	<u>9,252.50</u>	Less C/o Two Refrigerators & typewriter auctioned by CRI, Kottayam	<u>7,665.00</u>
	<u>80,843.00</u>		24,69,596.08
	1,20,35,559.11	c) Vehicle	
		Op. Balance	11,85,054.50
		d) Books	
		Op. Balance	7,36,899.23
		Added during the year	<u>26,343.42</u>
			7,63,242.65
		e) Priced Publications	
		Op. Balance	75,656.62
		Less C/o Publications sold during the year	<u>9,252.50</u>
			7,63,245.65

Expenditure

66,404.12

Opening Balance	28,86,827.79		
Added during the year	<u>34,740.50</u>		
	29,21,568.29		
Liability of misc. receipts fld. to excess of income over exp.	<u>15,995.95</u>		
	29,37,564.24		
3. Arnt. due to GPF A/c		f) Hospital Equip.	
Recovery made during the year	23,30,239.00	Op. Balance	29,43,680.81
Less: (Excess remitted last year)		Added during the year	<u>1,72,738.91</u>
Op. Balance 9.00			31,16,419.72
Remitted during the last yr.	<u>23,30,230.00</u>	Less C/o X-Ray Machine	<u>26,032.50</u>
	23,30,239.00		30,90,387.22
4. Recovery made from Deputa-tionists		g) Building A/C(NOIDA)	
Recovery during the yr.	30,615.20	Op. Balance	18,00,007.00
Less remitted during the year	<u>30,615.20</u>	Less amt. of lease rent wrongly taken	37,893.00
		Add. during yr.	<u>17,62,114.00</u>
			2,81,183.00
5. Income Tax Payable		h) Donated Bldg.(PURI)	
Op. Balance	1,476.00	Op. Balance	6,01,716.00
Recovery made during the year	<u>5,36,588.00</u>		6,01,716.00
	5,38,064.00		
Less remitted during the year	5,35,911.00		
		2. Advances Recoverable	
6. Sundry creditors	2,153.00	a) Travelling Allowances	
Dr M.N Sinha	200.00	Op. Balance	21,400.00
		Less adjusted	<u>18,600.00</u>
			2,800.00
		Granted during the year	<u>28,130.00</u>
			30,930.00

1,20,35,559.11

7. G.P.F. A/c.

Op. Balance	62,52,094.10
Amt. due on a/c of intt. & transfered to S.B. A/c	6,66,769.00
Staff subs.	23,30,239.00
Amt. recd. from Sh. T. N. Chaturvedi	500.00
Amt. recd. from PAO Sectt.) Min. of Health in r/o Sh. H.C. Gupta & Mrs. J. Raj	<u>22,510.00</u>

92,72,112.10

Less withdrawals

Advance & Final pay- ments	16,99,341.00
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16,99,341.00

75,72,771.10

8. Ins. Fund A/c. (old scheme)

Op. Balance 13,909.27

13,909.27

9. Misc. Receipts to be tfd. to PF

Op. Balance	15,995.95
Less tfd. to excess of income over exp.	15,995.95

10. Council's cont. in r/o
Dr Y S. Chhillar to
be transfered to
Pension Fund

Op. Balance 290.00

290.00

cont. to be transfered
to Pen. Fund

Op. Balance 23,436.50

23,436.50

12. Group Ins. Fund A/c (New
Scheme)

Op. Balance	2,81,013.06
Added during the yr. 65% of Rs 1,79,640.00	<u>1,16,766.00</u>
	3,97,779.06

Less: Final payments made during the yr.	<u>5,984.67</u>
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3,91,794.39

13 Pension Fund A/c

Op. Balance	15,54,034.02
Amt. of Pen. cont. recd. from NIHFV in r/o Sh. Bhakri	52,152.00
Amt. of Pen.cont. recd. from Mrs.Chanda Pandey on a/c of C. contribution	6,045.00
Intt.recd. on FDRs & S.B. A/cs. transfered to Pension Fund.	<u>2,11,809.45</u>

18,24,040.47

Less withdrawals D.G.R.G.	45,932.00
Pension payments	66,166.00

1,12,098.00

17,11,942.47

b) L.T.C. Advance

Op. Balance	33,146.50
Less adjusted	<u>18,135.00</u>

15,011.50

Granted during the year	<u>51,224.00</u>
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c) Contingent Adv.

Op. Bal.	19,71,273.59
Less adjusted	<u>5,60,732.93</u>

14,10,540.66

Granted during the yr.	<u>4,10,178.24</u>
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18,20,718.90

d) Scooter Advance

Op. Balance	3,18,444.00
Granted during the year	<u>69,160.00</u>

3,87,604.00

Less recovered during the yr.	<u>99,761.00</u>
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2,87,843.00

e) Cycle Advance

Op. Balance	6,320.00
Granted during the year	<u>10,200.00</u>

16,520.00

Less recovered during the yr.	<u>6,160.00</u>
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10,360.00

f) Festival Advance

Op. Balance	28,140.00
Granted during the year	<u>62,200.00</u>
	90,340.00

Less recovered during the year	<u>53,050.00</u>
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37,290.00

g) Flood Advance

Op. Balance	75.00
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75.00

h) Pay Advance

Op. Balance	3,382.00
Granted during the year	<u>13,719.00</u>
	17,101.00

Less recovered during the yr.	<u>15,395.00</u>
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1,706.00

i) Fan Advance

Op. Balance	40.00
Granted during the yr.	<u>1,600.00</u>

1,640.00

Less recovered during the yr.	<u>840.00</u>
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800.00

j) Computer Advance

Op. Balance	45,000.00
Less recovered	<u>9,900.00</u>

35,100.00

k) Car Advance

Granted during the year	80,000.00
Less recovered	<u>15,113.00</u>

64,887.00

l) Medical Advance

Op. Balance	1,000.00
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Less recovered	<u>1,000.00</u>
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m) Advance

Fin. Relief to Smt. Varghese	
Op. Balance	2,500.00
Less recovered	<u>2,500.00</u>

23,55,945.40

3. Advance with other Deptts.			
a) Adv. with DAVP (Op)	10,000.00		
b) Postage Advance			
Op Bal.	500.00		
c) Adv. with CPWD, Shahdara			
Op. Balance	2,19,408.00		
Less adj.	2,19,408.00		
d) Adv. with PWD, Kottayam			
Op. Balance	12,000.00		
Less adj.	12,000.00		10,500.00
4. Securities (Paid)			
- H.P. Board, Shimla (O.B.)		950.00	
- Electricity Deptt. (O.B.)		30.00	
- Speedways Service Centre			
Op. Bal.	2,500.00		
Paid dur. the yr.	<u>4,000.00</u>		
		6,500.00	
- Director of Estate (O.B.)		1,017.20	
- I.T.D.C. (O.B.)		5,000.00	
- Puri Elec. Division, OSEB (O.B.)		<u>2,040.00</u>	15,537.20
5. Amount recoverable from staff on a/c of G.I.S. premium			
Op. Balance		390.00	
Added during the yr.		<u>2,735.00</u>	3,125.00
6. Group Ins Fund with LIC of India (New Scheme)			
Op. Balance		2,80,227.04	
Added during the yr.		<u>1,16,766.00</u>	
		3,96,993.04	
Less recd. from LIC of India		<u>5,798.80</u>	3,91,194.24
7. GPF Account (S.B. A/c at S.B.I.)			
- Op. Balance		2,43,889.10	
- Amt. added of Intt. wrongly transferred to PF last year, now corrected		5,36,464.00	
- Staff subs. transferred from Gen. A/c.		23,30,230.00	
		<u>6,68,769.00</u>	
Intt. due & tfd. to GPF			
		37,77,352.10	
Less withdrawals		<u>34,39,227.70</u>	3,38,124.40
8. Investments			
- Op Balance (GPF)	54,71,750.00		
- Less encashed during the yr	<u>23,46,750.00</u>		
	31,25,000.00		
- Add FDRs purchased during the year	<u>44,50,000.00</u>		
	39,50,000.00	75,75,000.00	
- Op. Balance (P.F.)	20,10,920.00		
- FDR purchased during the yr.	<u>25,50,000.00</u>		
	45,60,920.00		
- Less encashed during the yr.	<u>30,15,520.00</u>	15,45,400.00	91,20,400.00
9. Pension fund A/c No. 19806 at S.B.I.			
- Op. Balance		79,578.02	
- Intt. on F.D.R. recd. to PF		2,11,809.45	
Add. credited during yr.		<u>4,11,619.00</u>	
		7,03,006.47	
- Less amt. of intt. tfd. to GPF (last year correction made)			
		<u>5,36,464.00</u>	1,66,542.47
10. Ins. Fund (at Andhra Bank)			
- Op. Bal.	13,909.27		13,909.27
Amt. due to Gen A/c. from GPF A/c.			
- Op. Balance		9.00	
- Less tfd. during the yr.		9.00	
11. Closing Balance			
- CCRH (Bank Bal.)		1,82,732.99	
Imprest Advance			
- Op. Balance.	50,050.00		
- Less Adjusted	<u>1,000.00</u>		
	49,050.00		
- granted during the year	<u>7,000.00</u>	56,050.00	2,38,782.99

TOTAL..... Rs. 2,46,89,620.08

TOTAL..... Rs. 2,46,89,620.08

Sd/-
Accounts Officer, CCRH

Sd/-
Director, CCRH