

## DRUG PROVING

### Tarantula hispanica – a reprovings

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#### Introduction

There are about 29,000 known species of spiders, but scientists believe there may be as many as 50,000 species. Many people think spiders are insects. But in fact spiders are arachnids and differ from insects in many ways. Spiders have eight legs, ants, bees, beetles and other insects have six. Most insects have wings and antennae, but spiders do not. Scientists classify spiders as either true spiders or tarantulas according to certain differences in their bodies. Spiders can also be divided according to their way of life. Web-spinning spiders spin webs to trap insects. Hunting spiders run after insects or lie in wait for them.<sup>1</sup> They exist in vast numbers in all lands, habitats and consume insects as their principal food. They occur as permanent residents from polar ice to the depth of the hottest jungles and have been observed at heights about 20,000 ft. The spiders rarely bite man and their venoms have small effect, for the most part, on warm blooded animals. The bites of very large spiders like Tarantula can be painful but most spider bites do not even break human skin.<sup>2</sup>

Tarantulas get their name from a large wolf spider found around Taranto in Southern Italy. It was once believed this spider's bite caused a disease, tarantism. The victims supposedly leaped in the air and ran about making strange noises. According to superstition, the best cure was lively Italian folk dance that became known as tarantella.<sup>1</sup>

Tarantula Hispanica belongs to the suborder orthognatha. It is a hunting spider which creeps up on its prey or lies in wait and pounces on it.<sup>1</sup>

#### Historical background of provings of Tarantula hispanica

Nunez is the chief authority. He instigated the proving and collected outside information bearing on the action of the poison.<sup>4</sup>

#### Need for reprovings

Tarantula is evidently a remedy of great power; but the uncertainty and lack of confirmation which surround the symptoms published, render any exhaustive analysis impossible. Even Dr. Hughes and Howard are reported to have criticized Nunez's proving, claiming that all the symptoms were not attributable to the spider under consideration.<sup>3</sup> It is also said that earlier provings of this drug are considered to be mixed up with those of the symptoms of scorpion which also belongs to the family Arachnids. Therefore, keeping this in view, the Central Council for Research in Homoeopathy, New Delhi (India) (CCRH) undertook the job of reprovings this drug.

#### Period of proving trials

The proving trials under the CCRH were made during the period from December 1985 to February 1987.

#### Material and method

Reliable preparations of this drug in dilutions 200c, 30c and 6c were obtained in original sealed phials from M/s Hahnemann Publishing Company in Calcutta.

Twenty-eight volunteers (twenty-two males and six females) who were found to be reasonably healthy, on the basis of a pre-trial medical examination conducted by specialists in the fields of medicine, otorhinolaryngology, psychiatry, ophthalmology, cardiology, dermatology, pathology and gynaecology in case of female volunteers, were selected, keeping also in view the constitutional, temperamental, environmental and food habits factors.

The volunteers selected belonged to the age group 22-36 years.

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Proving trials were double blind: neither the investigators nor the provers knew what drug was being proved and in which potency.

Proving trials were based at two different centers more than 1,000 kilometers apart.

Co-ordination was done by Central Drug Proving cum Data Processing Cell located at a different center which also supplied the drug in coded form.

Each prover was allotted a code number by random sampling by the Central Drug Proving cum Data Processing Cell.

Eight of the twenty-eight provers functioned as controls and did not receive the active drug but instead were administered placebo throughout the course of proving trials so as to study the influences and bias on the part of provers and to eliminate the placebo response.

Proving trials consisted of four legs. The first leg was placebo for all, four doses a day for a fortnight, followed by 'wash-out' for a period of seven days. Similarly the second, third and fourth legs consisted of 200c, 30c, and 6c potencies respectively, administered four doses a day for a fortnight and followed by 'wash-out' for seven days.

Drug administration was suspended immediately after symptoms were reported and remained suspended till the symptoms disappeared.

Provers were interrogated daily as far as possible and diary notations made accordingly in the standard proforma.

At the end of the proving trials all the provers were again subjected to medical examination in the same way as before initiating the proving trials.

All daily records and post trial examination reports were collected at the Central Drug Proving cum Data Processing Cell, where the data were sifted, analyzed and compiled, eliminating symptoms generated by placebo.

### **Pathogenesis evolved in the proving trials**

(potency/no. of provers reporting)

#### **Mind**

Depression with aversion to talk (200c/1)

agg. by talking

amel. Sleeping, lying down.

Depression with irritability, desire to weep, anger (30c/1)

agg. Evening.

Fear of going out – apprehension of accident on bus journey (6c/1).

Forgetful, irritable, cannot remember face of known persons; or what he said on previous day (200c/1).

Constant sexual thoughts (30c/1).

#### **Head**

Vertigo with sensation of falling down; irregular appetite (200c/2)

agg. standing.

Vertigo with heavy feelings in the head (200c/2)

agg. ascending stairs; exertion

amel. Rest (200c/2)

Vertigo; giddiness (6c/1)

agg. moving head upward

amel. after meals.

#### **Forehead**

Beating sensation (200c/1)

amel. washing the face with cold water.

#### **Vertex**

Heaviness with disinclination to mental and physical work (30c/1)

amel. In darkness, by light strokes.

Shaking in, with vibrations in the ear with heaviness over the eyes (30c/1)

agg. Evening.

Dull aching with throbbing of carotids (200c/2)

Heat and chill

agg. by heat of sun, during bus journey

amel. by pressure.

#### **Temples**

Heaviness, aching pain in both temples (30c/1)

amel. after sleep, after eating.

Occiput

Stitching pain (200c/1)

#### **Whole body**

Heaviness (200c/1)

agg. evening.



**Tarantula hispanica**

Heaviness with severe pain and thirstlessness (200c, 30c/1)

agg. by rest 9.30 p.m.

amel. motion, in afternoon.

Heaviness with terrible bursting pain with malaise and restlessness (30c/1)

agg. bending forward, heat of sun, warmth

amel. open air, lying down.

Pain, dull aching, constant (200c/1)

amel. lying down, drinking cold water, by rest, after eating.

Pain, hammering on right side, with aversion to eat (200c/1)

amel. lying on left, by pressing the head.

Pain, throbbing (200c, 30c/2)

agg. heat of sun

amel. by profuse sweating.

Pain, throbbing, with pains come and go suddenly and last for some time (30c/1)

amel. by rest, in cold air.

Pain, throbbing, with ringing in ear (30c/1)

Pain, throbbing (30c/1)

agg. 11 a.m., after bath

amel. by cold water, pressing the head.

Feeling of heat (200c/1)

agg. by anger.

## Eyes

Swelling of lids (200c/1)

agg. by reading, by touch, closing the eye

amel. by hot fomentation.

Swollen, red, agglutinated with pricking and tingling (6c/1)

agg. sunlight, by warm application

amel. in dark room, by cold application.

Swollen, tender (200c/1)

Conjunctivitis with irritation and agglutination of lids (30c/1).

agg. on looking, motion.

Conjunctivitis with greenish exudates (6c/1).

agg. bending head, during sleep

amel. cold application, lying down.

Conjunctivitis (left-sided) with agglutination (200c/1)

agg. 5 p.m. onwards

amel. by rubbing, pressing, movement of lids.

Eyeball: Heavy and pain (6c/1)

agg. opening the eyes

amel. closing the eyes.

## Ear

Ringling sensation (30c/1)

## Nose

Coryza (30c/1)

agg. morning and evening (30c/1)

amel. at noon (200c/1)

Discharge changeable, thick, yellow (30c/2)

agg. morning, in the right nostril.

Coryza; watery, profuse, with lachrymation, sneezing and dry cough(200c, 30c, 6c/4)

amel. lying down, fresh air, in evening.

Coryza fluent with rawness of nostrils (30c/1)

agg. morning; closed room.

Burning in nostrils with paroxysmal sneezing and heaviness of forehead (30c/1)

agg. morning

amel. lying down.

Painful boil on nasal septum (200c, 6c/1)

agg. by touch, hot application

amel. by cold application.

Pain and heaviness with difficulty in talking (6c/1)

amel. by sleep.

Burning in right nostril with feverish feeling and bodyache (30c/1).

Stopped 8 p.m. with constant sneezing (200c/1)

amel. open air.

## Face

Puffiness, redness, hot flushes, with profuse thirst for cold water (6c/1).

## Lips

Ulcer, bleeds profusely (6c/1).

Blister with burning stinging pain in lower lip (30c/1)

agg. by spicy food.

Blisters with burning and stinging in the lower lip (30c/1)

agg. by spicy and salty food.

Dryness of lips with painful cracks, and burning on opening the mouth (200c/1).

Dryness and redness (200c/1)

agg. morning.

Cheeks: Soreness (200c/1)

agg. by touch

amel. by closing the mouth.

## Mouth

Soreness (200c/1)

agg. by touch

amel. by closing.

Bitter taste with profuse salivation (6c/1).

## Teeth

Uneasy feeling in crown of lower teeth (6c/1).

Pain, stitching, in the decayed (200c/1)

agg. by cold water, morning.

Pain, throbbing, severe, in lower left molar (30c/1)

agg. morning

amel. hot drinks.

## Gum

Ulcer with bleeding and burning pain (6c/1)

agg. while eating.

## Tongue

Ulcer as if burnt (6c/1)

agg. by touch, spicy and salty food.

## Throat

Pain, constrictive (200c, 30c/2)

agg. by talking, swallowing solids.

Pain, with difficulty in swallowing (30c/1)

with increased thirst

agg. by liquid food.

Pain with rawness and soreness (6c/1)

agg. by uncovering

amel. hot application.

Soreness with cough and profuse yellow and expectoration (6c/1)

agg. morning, empty swallowi8ng.

Dryness and irritation with difficulty in hawking phlegm, with sleeplessness and thirst (200c, 30c/3)

agg. during sleep.

Pain and swelling of cervical glands (6c/1)

agg. by deglutition, by eating

amel. by hot application.

Tingling pain with cough and difficulty in swallowing (200c/1)

agg. morning, by solid food

amel. by hot drinks.

Irritation with fauces swollen (30c/1)

agg. during sleep.

Sensation as if lump in throat with difficulty in swallowing (30c/2)

amel. by hot drinks, by gargling.

Burning pain (200c/1)

agg. by solid food.

Pain with difficulty in swallowing (200c/1)

agg. cold drinks etc.

amel. by hot drinks, by hot gargles.

## Tonsils

Stitching pain in right side with yellow coating of tongue, small whitish dot on both tonsils (200c/1)

agg. deglutition.

Pain with pricking sensation on empty swallowing on right side (30c/1).

Swollen inflamed nostrils with rawness

agg. evening, night.

Raw and congested (200c/1).

## Stomach

Vomiting of sour and undigested food with heaviness

of chest, extreme prostration and increased thirst (200c, 30c/3)

agg. 9 p.m.

Sour vomiting and heartburn (200c/1)

agg. by eating, by drinking

amel. by cold drinks.

Nausea and vomiting with exhaustion and headache (200c, 6c/3)

agg. evening, early morning

amel. by tea.

Pain and heaviness in epigastrium with some belching (200c, 30c/2)

agg. after meals

Waterbrash with desire for sweets (200c/1)

amel. only from sleep.

Pain, dull, aching, in epigastrium, with aversion to food (30c/1)

amel. after eating

Pain, burning, in epigastrium, with burning in throat with nausea and much thirst (200c/1)

agg. at midnight.

Feeling of weight in left hypochondrium and lumbar region (200c/1)

agg. by sitting, by slight pressure.

Appetite and thirst increased (200c, 6c/1).

### **Abdomen**

Bloated with heaviness (6c/1)

agg. after eating.

Dyspepsia, flatulence with aversion to food (200c/2).

Dyspepsia, flatulence (30c/1)

agg. morning, evening

amel. by passing wind.

Dyspepsia with rumbling and gurgling

Heaviness in epigastrium (200c/1)

agg. after breakfast

amel. by passing stools.

Pain: Aching around umbilicus

agg. after stools.

Aching lower abdomen (30c/1)

agg. from movement

amel. sitting up, rest, lying down.

Aching, before and during stools, with insufficient stool, tenderness of hypogastrium (200c/2)

agg. by pressing

amel. by lying down.

Dull, intermittent pain in upper part, gradually increased from 9 a.m., with debility, photophobia, lazy feeling (6c/1)

agg. by warm drinks

amel. by eating after sleep.

Pain, with nausea; intermittent (6c/1).

Stitching in epigastrium at intervals (6c/1).

Stitching around umbilicus (200c/1).

agg. by pressure

amel. by walking, by sitting on the bed.

Bloated with loose stools and vomiting (200c/1)

agg. evening.

### **Rectum**

Intense throbbing pain during stool lasting one hour, with sweating all over the body (6c/1)

Anus. Burning during and after stools (30c/1)

amel. rest.

### **Stool**

Constipation with burning in anus and headache after stool (200c, 30c/3).

Constipation with violent pain under umbilicus (200c/1).

Constipation with hard, blackish, insufficient stool, with soreness in rectum (6c/1).

Stool, hard, scanty, clay coloured, mixed with mucus (200c/2).

Stool hard, dry, difficult to pass (6c/1).

Stool semisolid, with pain in urethra (30c/1).

Stool loose, with rumbling in abdomen (6c/1).

agg. eating, after.

Stool loose, with diffuse pain in lower abdomen (30c/1).

agg. during sitting.

Loose, clay-like, offensive, with crampy pain in

umbilicus (200c/30c/2).

Loose, watery, yellow, with loss of appetite (200c, 30c/2)

Watery, with mucus and threadworms (30c/1).

Diarrhoea with exhaustion and fainting (200c/1).

Painless diarrhoea with borborygmy (200c/1)

agg. slight pressure.

Dysenteric, involuntary (200c/1)

agg. morning.

Soft, very offensive.

Semisolid, unsatisfactory, with pain, tenesmus in lower abdomen (30c/1)

amel. after stool.

Unsatisfactory (6c/1).

Impaired appetite.

#### **Urethra**

Burning and heat (200c, 6c/2)

agg. during flow of urine

amel. by pressure.

Burning pain

amel. while standing.

Severe burning and itching, before and during micturition (200c, 6c/1)

agg. after waking

amel. by washing parts externally.

#### **Urine**

Frequent urination (200c, 6c/1)

agg. at night.

Scanty, yellow, difficult, with burning sensation in urethra (200c, 6c/1)

amel. after passing urine.

Pain in urethra, tearing, pinching type with ineffective urge for stools (30c/1)

amel. after passing stool.

Burning urination with sensation as if some urine drops are still retained inside (6c/1)

amel. keeping penis under flowing water.

#### **Male sexual**

Pain, dull, intermittent, in right spermatic cord (30c/

1)

agg. pressure.

Enlargement and swelling of testes and spermatic cord, with pain (6c/1)

agg. standing, walking, pressure, sitting, lying on affected side.

Seminal discharge without any dreams (200c/1).

#### **Female**

Pains, cramping, in lower abdomen during menses (200c/1)

agg. lying on abdomen

amel. hot application.

#### **Menstruation**

Normal flow with putrid smell, with aching pains in back; pains come and cease gradually (200c/1)

amel. hot application, lying down.

Scanty menses (200c, 30c/1)

agg. evening.

Black, clotted, painless, with fishy odour and umbilical pain

agg. bending forward movement, lying flat on back.

Faintly blackish fluid in menses or profuse, bright red menses with leucorrhoea mucoid, acrid, profuse. Intense burning and excoriation of groins

agg. movement

amel. by pressure.

Pale bleeding, with brown clots or profuse bright red, with no pain in abdomen.

#### **Respiratory**

Voice hoarse (200c/1)

amel. by eating, by hot drinks.

Voice choked with pain in throat (200c, 30c/2).

Hoarseness with tingling in throat and difficulty in swallowing with cough

agg. at bedtime

amel. by warm foods.

Cough dry with tingling in throat (30c/3)

agg. morning and evening

amel. drinking water.

Cough dry with cold in nose, fever, lachrymation (200c/1).

Cough with whitish mucoid expectoration (30c/1)  
agg. at night and early morning.

Cough with little watery expectoration or vomiting (200c, 30c/2)  
agg. at night and early morning.

Cough with blood-stained expectoration in daytime only (200c/2).

Cough severe 9200c/1)  
agg. lying down  
amel. by motion.

Cough violent, without expectoration, with pain in throat (200c/1)  
amel. after food and drinks.

Cough dry, with burning in throat and feverish (200c/1)  
agg. morning.

Cough and sneezing with crawling in throat (6c/1).  
agg. close room  
amel. drinking water.

Cough and cold without sputum, with fever (200c/1).

Dyspnoea as if ran a long race, with restlessness (30c/1).  
agg. at night  
amel. after sleep.

### **Chest**

Pain, Stitching (200c, 6c/2)  
agg. 9 a.m., cold drinks, draughts of air  
amel. hot drinks, hot weather, sleep.

Pain, Stabbing, in upper left portion (200c/1)  
amel. bending on left side, supporting elbow.

Pain, Squeezing, in fourth interspace (200c/1)  
agg. deep inspiration, heat of sun.

Pain (200c/1)  
agg. 8 a.m.

Pain as if needles are pricked (30c/1)  
amel. by keeping hand on chest.

### **Neck**

Pain, mild throbbing in nape (30c/1)  
agg. tilting on the affected side  
amel. hard pressure.

Stiffness (30c/1)  
agg. movement  
amel. rest.

### **Back**

Pain with inability to stand or move (30c/2)  
agg. at night, sitting/standing  
amel. stretching the back.

Pain, dull aching in back and kidney region with burning in urethra and bladder (30c/1)  
amel. by rubbing.

### **Extremities: upper**

Pain in fingers (left) as if twisted (200c/1).

Pain, aching in deltoid region (30c/1)  
agg. raising the arms medial rotation.

Pain aching in elbow (200c/1)  
agg. draught of cold air.

Pain aching in thumb (30c/1)  
agg. exertion.

Pain in elbow and knee joints  
agg. 3 a.m.  
amel. lying down.

Pain crampy in muscles of hand and palm (200c/1)  
agg. 5-6 a.m. at night.

Pain in left hand (6c/1).

### **Axilla**

Tenderness, swelling of lymph nodes (6c/1).

Pain (200c/1).  
agg. jerking motion  
amel. hard pressure.

### **Wrist**

Pain, stitching (6c/1)  
agg. movement, hanging, 4 p.m.

**Extremities: lower**

Pains from hips to heels as if traveled extensively (200c/1)

agg. movement, stretching legs, lying down  
amel. lying down.

Crampy pain from ankle to hip (30c/2)

agg. by rest  
amel. by motion

Cracking of ankle joints (30c/1)

agg. stretching legs.

Pains, stitching (200c/1)

agg. standing, morning  
amel. by lying, pressure.

Pains, bruised, in calf muscles (200c, 6c/2)

agg. during sleep  
amel. by putting heavy weight, crossing the legs, tight bandage.

Pains, bruised, in legs and back (6c/1)

agg. by sitting  
amel. by walking.

Pains, aching in right loin, knees and elbow, with scanty urination (30c/2)

agg. lying on painful side.

Pains coming and going suddenly (30c/1)

agg. usually after sleep, 3 a.m.  
amel. lying.

Pains, dull aching in right loin, with thirst for cold water, weakness, drowsiness when the pain becomes severe (200c/1).

agg. standing erect, walking  
amel. bending forward, hard pressure.

Pains, cramping, in left leg, with restlessness (30c/1).

Pain, cramping, in knees on rising, with pressing, stretching, kneeling, etc. to get relief from pain (30c/1).

agg. after sleep  
amel. by hard pressure.

Pain, diagonal, left side of chest and right loin, squeezing violent pains as if torn.

Pain tearing in the right ankle joint

agg. movement of foot (down and lateral)

amel. by rest.

Pain in a fixed spot in the right loin.

Heaviness (200c/1)

Burning in dorsum of feet (200c/1).

agg. from heat  
amel. by cold water.

Pain piercing in knees

agg. 7.30 p.m. to bedtime.

Pain, severe, cutting, in leg (30c/1)

agg. while walking  
amel. by pressure.

Pain, sprained as if (left leg)

amel. by walking.

**Skin**

Eruptions, vesicular, with itching and stinging, with sleep disturbed (30c/1).

agg. after sleep.

Burning, oozing on back forming scabs

agg. scratching, heat of bed, heat of sun, touch.

Dry pin-head-sized eruptions with redness of skin on scratching (30c/1)

agg. scratching, heat of bed, heat of sun, by touch.

Dry red itching pin-head-shaped eruptions (200c/2)

agg. scratching, heat of bed, heat of sun, touch.

Eruptions without itching

agg. morning up to 11.00 a.m.

Dry, small eruptions on legs and knees (200c/1)

agg. after scratching, covering  
amel. in cold open air.

Burning eruptions

agg. scratching after, covering  
amel. in cold open air.

Pustular eruptions with burning and oozing white pus on scratching (200c, 30c/3)

agg. heat, touch, pressure, bathing after  
amel. cold application.

Boil-like eruptions, particularly about genitourinary

region (30c/1)

agg. covered parts, walking.

Pimples, with itching, burning, red, very tender with pricking sensation (200c, 30c/3)

agg. pressure, exposure to heat of sun.

Small painful eruptions (200c, 30c/2)

agg. touch, walking

amel. application of cold water.

Painful, small, tender eruptions with intense itching and oozing of blood on scratching (6c/1)

agg. scratching, warmth.

Soreness and burning in thighs.

Urticarial eruptions with burning (30c, 6c/2)

agg. in the afternoon

Painful pustular eruptions around the margins of scrotum, with burning sensation (200c/1)

agg. morning and night, hot application

amel. cold weather, cold water application.

Pruritus without eruptions, skin bleeds on scratching (200c/1).

### **Fever**

Mild fever with cough yielding yellow phlegm, drowsiness, heaviness of head, redness of eyes (30c, 6c/2)

agg. noon, by motion

amel. sweating, after sleep, drinking cold water.

Fever with heaviness of whole body, chilliness in the evening with thirst for warm water at long intervals (30c/1).

Fever with flushes of heat in whole body and chilliness with desire to cover, bodyache, thirstlessness (30c/1).

Fever with malaise and restlessness (30c/1).

Fever with malaise, frontal headache, flushed face and red eyes with dry tongue, loss of appetite (6c/1)

amel. open air, fanning, taking cold things.

Fever with chill and heat, weakness, thirst marked, frequent urination (200c/2).

Fever with chill and prostration (200c, 30c/1).

Fever in the morning with bitter taste, thirstlessness, with stitching pain in the body, salivation

agg. rest

amel. walking.

Fever whole day, particularly on rising, with chill with great thirst, bitter taste.

Fever 5-8 p.m., with bodyache and uneasy feeling (200c, 30c/1)

agg. in close room, movement

amel. in open air

### **Sleep**

Disturbed, with frequent urination (200c/1).

Unrefreshing, with bodyache, restlessness (6c/1).

Sleeplessness with pain in extremities (30c/1).

Profound, full of dreams, difficult to wake up in the morning (200c/1).

Dream of dead bodies, of known persons (200c/1).

### **Generalities**

Bodyache, feverish feeling with profound weakness (200c, 30c/2)

agg. evening.

Pain, aching in whole body, with heaviness of limbs (200c, 30c, 6c/2)

agg. movement

amel. lying down, rest.

Pain, bruised, in whole body (6c/1)

agg. sitting.

Bodyache with flushes of heat (30c, 6c/2).

Bodyache with restlessness

agg. movement, exertion

amel. rest.

Bruised, sprained feeling as if

agg. pressure

amel. motion.

Numbness of parts lain on (200c/1).

Pain, stitching, in legs with marked prostration (200c/1).

agg. motion

amel. pressure, lying down.

**Symptoms appearing in the literature confirmed in re-proving trials**

No.	Symptoms	Literary reference	Volume	Page No.
1.	Depression	Hering <sup>5</sup>	10	250
		Clarke <sup>4</sup>	III	254, 1373
2.	Aversion to talk	Clarke	III	1375
3.	Forgetful (Loss of memory)	Hering	10	250
4.	Irritability	Clarke	10	250
5.	Fails to recognize acquaintances/known persons	Hering	10	254
5(a).	Constant sexual thought	Hering	10	254
6.	Vertigo	Clarke	III	1375
		Hering	10	251
7.	Heavy feeling in head	Hering	10	251
		Clarke	III	1375
8.	Beating sensation in head	Clarke	10	263
9.	Heaviness over the eyes	Clarke	III	1375
10.	>by pressure	Hering	10	251
11.	Aching pain in temples	Hering	10	251
12.	Feeling of heat in the head	Hering	10	264
				263
13.	Eyelids agglutinated	Clarke	III	1376
14.	Head hammering sensation	Hering	10	251
15.	Ear, ringing buzzing noises in ear	Clarke	III	1376
16.	Coryza	Clarke	III	1376
17.	Hot, fiery	Hering	10	252
18.	Burning and scorching of lips sensation	Clarke	III	1376
19.	Dryness of lips and mouth	Hering		252
20.	Toothache	Clarke		1376
21.	Tongue: ulcer as if burnt	Hering		252
22.	Throat: constrictive pain	Hering		252
23.	Soreness swallowing	Clarke		1376
24.	Increased thirst	Hering		252
25.	Swelling of tonsils with rawness and inflammation	Hering		252
26.	Sour vomiting impaired appetite	Hering		252
27.	Pain burning in abdomen epigastrium	Clarke		252
28.	Abdomen bloated heavy	Clarke		1377
29.	Aching around umbilicus	Clarke		1377
30.	Burning in arms	Hering		253
31.	Constipation	Hering		252
32.	Violent umbilical pain	Hering		252
33.	Stool mucoid	Hering		253
34.	Burning in rectum	Clarke		252
35.	Diarrhoea with fainting	Hering		253
36.	Painless diarrhoea	Hering		253
37.	<during urination	Hering		254
38.	Seminal emission	Hering		254
39.	Throbbing	Clarke	III	1378
		Hering	10	257
40.	Stiffness of neck movement	Clarke		1378
41.	Stitching pain in general in joints morning and evening	Hering	10	259
42.	Miliary eruptions	Clarke	10	1379
42(a).	Vesicular eruptions etc.	Hering		264
43.	Fever with flushing and chilliness	Hering		262
44.	Sleep: disturbed unrefreshing	Hering		262
				254

### Discussion

Proving trials of the homoeopathic drug *Tarantula hispanica* were conducted at two different centers following a double blind technique. The data reported from the two centers show that similar symptoms have been reported by many provers with the same modalities and sensations or with little difference. Many symptoms with the same modalities and sensations as are already available in the existing pathogenesis of this drug have been confirmed. This demonstrates the validity of the earlier provings. Many new symptoms have also been reported during trial. If confirmed clinically they will be of value to the profession.

### Conclusion

The present proving confirms many symptoms reported in earlier provings and the extended pathogenesis of this drug.

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