

## Drug Proving

### Calotropis gigantea

(A compiled data of proving conducted by CCRH)

#### Introduction

**Botanical name :** *Calotropis gigantea*<sup>1</sup>

**Family :** Asclepiadaceae<sup>1</sup>  
**(Natural order)**

**Common name :** Hindi : Madar<sup>1</sup>

#### Description

A large shrub upto 3 meter high or occasionally subarboraceous-barkash coloured, wrinkled; younger parts and under surface of leaves covered, with appressed white floccose tomentum. Leaves sub-sessile, thick glaucous green, 10-20 cm. long elliptic or obovate-oblong or shortly acuminate, with a narrow cordate or often amplexicaul base. Flowers 4-5 cm. in diameter, arranged in umbellate cymes, not scented, buds ovoid, sepals purplish or white, lobes 1.25 cm. or more, spreading, deltoid, sub-acute. Corona lobes upto 1 cm long hairy. Shorter than the

column, curved on the back, above the involute obtuse spur, apex rounded; Follicles 7-10 cm. long, recurved, turgid, smooth, seeds 6 mm long broadly ovate, flat, minutely tomentose with a silky coma.<sup>1</sup>

#### Proving conducted at

- A. Drug Proving Research Unit (H), Midnapore, (W.B.)
- B. Drug Proving Research Unit (H), Kolkata, (W.B.)

**Period of Proving:** 1998-1999

#### Potencies proved

6,30,200 (in descending order)

#### Source of Drug

Hahnemann Publishing Company, Kolkata (W.B.)

#### Drug Proving: Details of Participants

S.No.	Name of the Unit	Provers participated			Investigators	Hony. consultants
		No.	Age group	Sex M/F		
1	Drug Proving Research Unit (H), Midnapore, (West Bengal)	7	22-28 years	M-5 F-2	Dr. P.C. Mal R.O.(H) Dr. A. K. Bhakat ARO(H)	Dr. R.Patra -General Physician  Dr. Ashis Acharya - Psychiatrist Dr. M.M.Mondal - Ophthalmologist Dr. Sumitra Saha - E.N.T. Specialist Dr. (Mrs) K.Mondal - Gynaecologist Dr. M.M.Dey - Dermatologist Dr. S.K. Biswas - Cardiologist





*Calotropis gigantea*

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S.No.	Name of the Unit	Provers participated			Investigators	Hony. consultants
		No.	Age group	Sex M/F		
2	Drug Proving Research Unit (H), Kolkata, (West Bengal)	8	21-24 years	M-4 F-4	Dr. K.C.Sarkar -RO (H) Dr. (Mrs) Shakti Dey -RO (H) Dr. B.K.Mondal -RO (H)	Dr. D.K. Barui - General Physician Dr. S.K.Nayak - Psychiatrist Dr. Ashok Mandal - Ophthalmologist Dr. Tarun K. Palit - E.N.T. Specialist Dr. S.D.Mahapatra - Gynaecologist Dr. A.K. Chatterjee - Pathologist

### Symptoms observed

<b>Mind</b>	Easily offended on contradiction, worse by consolation, better when alone, silence.	(200/1)
	Mental restlessness <sup>2</sup> and absurd thoughts with headache.	(200/1)
<b>Head</b>	Throbbing <sup>2</sup> pain in both temporal regions, worse morning, at 10 am, better by pressure	(6/1)
	Frontal headache with fever, better by tight pressure on forehead.	(6/1)
	Pain in frontal region with fever.	(6/1)
	Throbbing pain in left side of Head.	(200/1)
<b>Mouth</b>	Thirsty but takes little water at a time.	(6/1)
<b>Face</b>	Papular eruptions on lateral side of lower left lip.	(200/1)
<b>Eyes</b>	Burning sensation in eyes and heaviness in eyelids, better by rest.	(6/1)
	Burning in eyes with feverish sensation.	(6/1)
<b>Nose</b>	Frequent sneezing; nasal discharge white, mucoid, stringy, worse on rising from bed, evening, better during day.	(200/1)
<b>Throat</b>	Pain in throat, < morning, after rising from bed, on deglutition, better by lying down.	(200/1)
	Tonsils inflamed, more left sides, difficulty in deglutition, Pain < by swallowing solid things, > by liquid.	(6/1)
<b>Stomach</b>	Nausea and vomiting, worse morning.	(200/1)
<b>Rectum</b>	Constipation, hard stool with great strain.	(200/1)
	Constipation, passes flatus instead of stool, stool hard, scanty in small balls, dry, passes after great straining followed by soreness of rectum.	(6/1)

In the parenthesis **numerator** denotes potency of the drug proved & **denominator** denotes number of provers on which the symptoms observed.

<b>Sleep</b>	Restless <sup>2</sup> , disturbed sleep due to dreams.	(200/1)
<b>Dreams</b>	Religious dreams, lascivious; disturbing sleep.	(200/1)
<b>Back</b>	Backache with body ache and soreness, worse afternoon.	(6/1)
	Tearing pain worse morning, movement, better by hot application, lying down, in sun heat, rest.	(6/1)
	Aching pain in neck and back, better by hot application, worse by movement.	(200/1)
<b>Extremities</b>	Pain in hand and foot of left side with fever.	(6/1)
	Stitching pain in right knee, worse morning, walking, better by rest <sup>2</sup> .	(6/1)
	Itching in groin, between thighs, scratching followed by oozing of watery fluid, worse in warmth.	(6/1)
<b>Urine</b>	Yellowish and scanty urine with thirstlessness.	(6/1)
<b>Fever</b>	Fever worse morning with burning in eyes and cheeks, with pain in limbs.	(6/1)
	Fever worse morning, with frontal headache and burning sensation in eyes and heaviness in eyelids, difficult to open, better by complete rest and tight pressure over forehead.	(6/1)
<b>Cough</b>	Frequent cough, worse morning with sneezing, better day time.	(200/1)
	Cough with scanty, thick grayish expectoration, worse morning, while rising from bed, better warm application, warm drinks.	(6/1)
	Dry cough with fever, body ache and sneezing.	(6/1)
<b>General</b>	Body ache better by tight pressure, bandage.	(6/1)
	General prostration	(6/1)
	Tired feeling worse on walking in the morning, along with pain in neck, back.	(200/1)

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## References

1. *Homoeopathic Pharmacopoeia of India*, Govt. of India, Vol. 1 (1971):pp 87.
2. Boericke William. *Pocket Manual of Homoeopathic Materia Medica & Repertory*, Jain Publishing Company, New Delhi, (1997):pp 1056.