

**“A Comparative Study On The Efficacy Of Shrugal Binaa Mula
Churna Granules [*Uraria picta L.*] & Gandha Tail Capsule In
Simple Long Bone Fracture”**



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ABSTRACT

Trauma and injury are one of the leading causes of mortality and suffering in today's times most of which are attributed to accidental origins. Fracture is one such widespread and common deforming condition and needs to be addressed with medical treatment in the best way. Long bone fractures have high incidence rate among accidental fractures and are often associated with complications and requiring systemic as well as localised treatment. However it is observed in many cases the response to treatment by means of antibiotics, NSAID's etc is not as expected to be and may thus increase the probability of further complications.

Hence an attempt was made through a clinical study to treat simple long bone fracture with Ayurvedic drug/s that possess asthisandhanak and asthi poshak property/ies. For this study Shrugal Binna Mula Churna was chosen as a drug of choice in granule form with a standard sample of commercially available Gandha Taila capsules for comparative purpose.

Aim & Objective: To evaluate the efficacy of Shrugal Binna Mula Churna Granules (Uraria picta L.) and Gandha Taila Capsule on simple long bone fracture. **Materials and Methods:** Shrugal Binna Mula Churna was collected as market sample, verified and analysed and further processed into Granule form. Similarly market sample of Gandha Taila capsules of ref. Ashtang Hridayam was chosen and used. **Sources of Data:** Patients were collected from Parul Institute of Ayurved and other associated hospitals. Relevant data was collected from authentic textual resources. **Method of Collection of Data & Study Design:** Open randomised comparative study with sample size 40 in total. All Patients were initially managed by closed reduction & POP immobilization and divided into 2 trial groups of 20 each with dose administration of Shrugal Binna Mula Churna Granules and Gandha Taila Capsules respectively. **Result:** It was observed that Prushnaparni in Shrugal Binna Mula Churna Granules showed marked analgesic, anti-inflammatory, sangrahi and sandhaniya actions and patients responded well within the stipulated study design for the treatment of simple long bone fracture.

Keywords: Shrugal Binna Mula, Churna, Granules, Prushnaparni, Bhagna,