

Traditional Formulation and Evaluation of Vishamjwarantak Vati: An Ayurvedic Approach to Antimalarial Treatment

Pratibha Kumari Saraswati Devi¹, Purve Hitakshi Rohit Kumar², Pawar Pratiksha Madhukar³,
Pawar Yash Milan⁴, Pawar Yadnesh Ajit⁵

Prof. Lokesh Kumar Vyas⁶, Principal Dr. Sonali Vinod Uppalwar⁷

Ideal Institute of Pharmacy, Posheri Wada, Maharashtra, India¹⁻⁷

Abstract: *Background :* The research focuses on the formulation and evaluation of Visham Jwarantak Vati, an Ayurvedic antimalarial treatment. The study aims to develop a stable, effective, and safe herbal product by utilizing selected ingredients known for their therapeutic properties. Key objectives include ensuring safety and compatibility, establishing quality control measures, maximizing therapeutic efficacy through enhanced absorption, and promoting consumer acceptance through desirable product attributes.

Method : The Ayurvedic formulation of Visham Jwarantak Vati, includes various herbal ingredients such as, Godanti Hartal Bhasma, Karanj Churna, Saptaparna Tvak, Pippali Churna, Kasis Bhasma, Fitkari, Gairik (Geru) and Mahajwarankush Ras. It is prepared according to the Ayurvedic Pharmacopoeia of India with modern techniques of tableting. The Evaluation test performed on the formulation of Visham Jwarantak Vati under the official guidelines described in Pharmacopoeia, which they would be subjected into Physiochemical characterization, Phytochemical, and Pharmaceutical parameters..

Result : Phytochemical test indicates the presence of alkaloid, flavonoids, tannins, saponin and carbohydrates in Visham Jwarantak Vati formulations. Physiochemical test parameters are within the acceptable standard limits for total ash, water soluble extractive, loss on drying and pH values are documented. Pharmaceutical parameters, such as hardness, friability, dissolution test and disintegration time, all these are within the acceptable values.

Conclusion : From the result, it was concluded that the polyherbal formulation of Visham Jwarantak Vati passes all the evaluation parameters and has meets high standards of quality, safety, and efficacy..

Keywords: Vishamjwarantak Vati, intermittent fever, antimalarial traditional medicine

