



An herbal formulation for hemorrhoids treatment

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Background and objectives: Hemorrhoids is the most painful rectal disease. Straining and pregnancy seem playing chief roles in the development of hemorrhoids. Symptoms of hemorrhoids may include bleeding, inflammation and pain. Despite current medical efforts, many discomforts of hemorrhoids have not been handled. The aim of the present study was to formulate and evaluate *Itrifal-e muqil* (IM) tablet to achieve desired pharmaceutical properties. **Method:** Quality control tests of *Allium ampelopersum* L, *Commiphora mukul* (Hook. ex Stocks) Engl., *Phyllanthus emblica* L., *Terminalia chebula* Retz. and *Terminalia bellerica* Retz. were performed. Afterwards, different formulations were prepared and their physical properties were evaluated. Subsequently, the formulation was coated and its physicochemical characteristics were assessed. **Result:** All of the herbs demonstrated good results in quality control tests according to United State Pharmacopeia (USP). Formulation-1 that was completely prepared based on explained manufacturing process of IM in traditional medicine manuscripts did not show suitable pharmaceutical properties. Among different formulations, Formulation-3 that consisted of *A. ampelopersum*, *C. mukul*, *P. emblica*, *T. chebula* and *T. bellerica*, displayed best outcomes through different tests. **Conclusion:** Modern pharmaceutical approaches can excellently be adapted for IM preparations.

Keywords: hemorrhoids, *Itrifal-e muqil*, tablet