

Pharmacognosy, Phytochemistry & Natural Products

October 26-28, 2015 Hyderabad, India

Preparation of stable and potent gomutra formulation 'gomutra plus capsule' with respect to conventional forms of gomutra

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The science of natural alternative medicine, Ayurveda (meaning: The 'knowledge of life') originated in India. Use of naturally-occurring materials for therapeutic as well as prophylactic purposes is characteristic to the practice of Ayurveda. Gomutra/Cow urine has been elaborately explained in Ayurveda and described in "Sushruta Samhita", "Ashtanga Sangraha" and other Ayurvedic texts as an effective medicinal substance/secretion of animal origin with innumerable therapeutic properties. Bhav-Prakash Nighantu describes gomutra as the best of all types of animal urine (including human) and enumerates its various therapeutic uses. Gomutra is called "Sanjivani" and "Amrita" in Ayurveda. In spite of having so many medicinal properties, gomutra is not used efficiently because of limited access and availability of cow's urine for regular mass consumption, unpleasant the taste and odor, stability of gomutra, loss of bioactive component during processing. To overcome these limitations, gomutra is converted to powder form under extremely low pressure & high temperature of short duration which allows restoring bioactive as present in gomutra. Comparative physico-chemical analysis also reveals bioactivity-wise superiority of gomutra powder with respect to Ark & Ghanavati. By further enrichment with herbs like Amala (*Embelica officinalis*), Harada (*Terminalia chebula*), Behada (*Terminalia balerica*); Gomutra Plus capsule has advantages of synergistic combination of gomutra powder and triphala extract; stabilized, odor-free, concentrated and potentized formulation of gomutra; higher efficacy in small pharmaceutical doses. It improves the stability as well as preserves bioactive composition of gomutra to a greater extent, unlike to Ark & Ghanavati. Data of clinical survey will be presented in paper presentation.

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