

**GOVERNMENT OF INDIA
AYURVEDA, YOGA & NATUROPATHY, UNANI, SIDDHA AND HOMEOPATHY (AYUSH)
LOK SABHA**

UNSTARRED QUESTION NO:743
ANSWERED ON:24.07.2015
Development of Cow Urine as a Medicine
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Will the Minister of AYURVEDA, YOGA & NATUROPATHY, UNANI, SIDDHA AND HOMEOPATHY (AYUSH) be pleased to state:

Will the Minister of AYURVEDA, YOGA & NATUROPATHY, UNANI, SIDDHA AND HOMOEOPATHY (AYUSH) be pleased to state:

(a) whether the Government has any proposal to develop cow urine as a medicine; and

(b) if so, the details thereof indicating the research and development works undertaken by the Government in this regard along with the agency/institute selected for the purpose?

Answer

(a) & (b): Panchagavya is a classic collective name of five products obtained from cow viz milk, curd, ghee, urine and dung. Cow urine is ingredient of several Ayurvedic formulations and also used as adjuvant with medicinal formulations and for pharmaceutical processing called Shodhana (Purification) and Bhavana (Trituration) of medicinal materials.

Council of Scientific and Industrial Research (CSIR) through its constituent laboratories has conducted research studies in collaboration with Go Vigyan Anusandhan Kendra, Nagpur on cow urine distillate for its antioxidant and bio-enhancing properties on anti- infective and anti-cancer agents and nutrients. Four US Patents have been secured since 2002 and one pharma- ceutical product containing cow urine distillate with anti-oxidant property is available in the market.

Panchagavya and its ingredients are part of the course curricula of Ayurvedic studies at degree and post-graduation levels. Opportunities of postgraduate and postdoctoral research as well as extramural research on Panchagavya are available to the interested scholars and scientists.

Central Council for Research in Ayurvedic Sciences has conducted a National Seminar on Panchagavya Chikitsa in the year 2014 for promotion and awareness building and brought out a compilation document of published research papers on Panchagavya and its ingredients. The published research papers on Panchagavya have been uploaded in the 'AYUSH Research Portal' for ready access to the public.