

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

UNSTARRED QUESTION NO:718

ANSWERED ON:27.02.2015

PANCHAGAVYA THERAPY

Karunakaran Shri P.;S.R. Shri Vijay Kumar

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

- (a) whether the Government is aware of the medicinal usage of Panchagavya or five products obtained from cow, particularly cow urine which is practiced in Ayurveda, and if so, the details thereof;
- (b) whether the Government has conducted/assisted any study/research to ascertain the efficacy of Panchagavya therapy against various diseases, if so, the details along with the outcome thereof;
- (c) the number of pharmaceutical units manufacturing Panchagavya therapy products along with the standards and norms laid down for certification and marketing of these products in the country; and
- (d) the steps taken/proposed to be taken by the Government to promote Panchagavya therapy and research in this regard along with the funds allocated and spent for the purpose during the last three years and the current year?

Answer

THE MINISTER OF STATE (IC) OF THE MINISTRY OF AYURVEDA, YOGA & NATUROPATHY, UNANI, SIDDHA AND HOMOEOPATHY (SHRI SHRIPAD YESSO NAIK)

(a): Yes. Panchagavya is a classic collective name of five products obtained from cow viz milk, curd, ghee, urine and dung. Medicinal uses of Panchagavya and its individual ingredients including cow urine are mentioned in the authoritative books of Ayurveda listed in the First Schedule of the Drugs and Cosmetics Act, 1940. Its therapeutic uses in Ayurveda include Krimi Roga, Kushtha, Kandu, Shoola, Gulma, Udara Roga, Anaha, Shotha, Pandu, Kamala, Vasti Roga, Kasa, Shavasa, Atisara, Mutraroga etc. 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.

(b): Central Council for Research in Ayurvedic Sciences (CCRAS), an autonomous Ayurvedic research organization of Central Government, has undertaken study to evaluate the immune-modulatory activity and safety/toxicity of Panchgavya Ghrita, which is an Ayurvedic formulation made from cow's five products and mentioned in Ayurvedic classical texts and Ayurvedic Formulary of India, Part I. 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.

(c): Out of 7835 licensed Ayurvedic drug manufacturing units in the country, many Ayurvedic drugs manufacturing companies manufacture medicinal formulations made from Panchgavya or cow's products. States of Punjab, Kerala, Karnataka, Madhya Pradesh, Odisha and Haryana have reported to have 229, 200, 5, 3, 3 and 2 pharmaceutical units respectively, which are manufacturing Panchagavya therapy products. Manufacturing of Ayurvedic medicinal products for sale and their quality control is regulated under the provisions of Drugs & Cosmetics Act, 1940 and the Rules, 1945. License from concerned State Licensing Authority is required and observance of prescribed Good Manufacturing Practices is mandatory to manufacture medicinal products. Norms of labeling and shelf life or date of expiry are also prescribed in the Drugs & Cosmetics Rules, 1945. Systems for mandatory certifi- cation of GMP by the State Licensing Authority and voluntary certification of quality of products by Drugs Controller General and Quality Council of India are in place.

(d): 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. Funds for research and promotion of Panchagavya have not been nor are earmarked and allocated separately.