

**GOVERNMENT OF INDIA
MINISTRY OF AYURVEDA, YOGA & NATUROPATHY,
UNANI, SIDDHA AND HOMOEOPATHY
(AYUSH)**

**LOK SABHA
UNSTARRED QUESTION NO. 2129
TO BE ANSWERED ON 23RD SEPTEMBER, 2020**

MEDICINES DERIVED FROM COW URINE/DUNG

**2129. SHRI VIJAY BAGHEL:
SHRI ARUN SAO:**

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

- (a) whether the Government has conducted any study/research for products/medicine made from Panchagavya including Cow urine/Cow dung;
- (b) if so, the details thereof;
- (c) whether the Government has taken any steps for marketing and promoting product/medicines made from Cow urine/Cow dung; and
- (d) if so, the details thereof and if not, the reasons therefor?

**ANSWER
THE MINISTER OF HEALTH AND FAMILY WELFARE
(DR. HARSH VARDHAN)**

(a): Yes.

(b) The Central Council of Research in Ayurvedic Sciences, an autonomous body under the aegis of Ministry of AYUSH, has conducted a scientific study (safety/toxicity and biological activity) on Panchgavya Ghrita, an Ayurvedic formulation in which Cow urine is one of the ingredients.

Being an Ayurvedic formulation, “Panchgavya Ghrita” is mentioned in Ayurvedic classics and is also referred in Ayurvedic Formulary of India. It is a “cow-ghee” based product containing 5 ingredients including cow’s urine.

Panchgavya Ghrita was prepared at Pharmacopial Laboratory of Indian Medicines (PLIM), Gazhiabad as per the Standard Operating Procedures of Ayurvedic Pharmacopia of India. The quality analysis of ingredients and the finished product was carried out at M/s ARBRO Pharmaceuticals Ltd., New Delhi. The immunomodulatory activity and toxicity studies of Panchgavya Ghrita were carried out at Department of Pharmacology and Toxicology, College of Veterinary Sciences and Animal Husbandry, Jabalpur (MP).

The quality assured Panchgavya Ghrita was subjected to immunomodulatory activities on experimental albino rats. The study revealed significant immunomodulatory activities in terms of increasing serum gamma globulin, neutrophil and adhesion count and absolute lymphocyte count.

The chronic toxicity studies on albino rats revealed the formulations Panchgavya Ghrita and found safe.

- (c) No.
- (d) Does not arise.