

**GOVERNMENT OF INDIA
MINISTRY OF HEALTH AND FAMILY WELFARE
DEPARTMENT OF HEALTH RESEARCH**

**LOK SABHA
UNSTARRED QUESTION NO. 2712
TO BE ANSWERED ON 06TH MARCH, 2020**

ICMR PROJECT ON CANCER

2712. SHRI HANUMAN BENIWAL:

Will the Minister of **HEALTH AND FAMILY WELFARE** be pleased to state:

- (a) the main research projects rolled out by the Indian Council of Medical Research during the last three years and the current year and the funds allocated and spent for the said purpose;
- (b) whether the Indian Council of Medical Research has conducted tests/researches and developed equipment with regard to cancer and if so, the current status thereof along with the other major achievements of Indian Council of Medical Research during the said period;
- (c) whether Indian Council of Medical Research has entered into an agreement with Indian Council of Forestry Research and Education to ascertain the new active compounds/products against cancer, if so, the details thereof; and
- (d) the measures taken/proposed to be taken by the Government for the capacity building and efficient working of Indian Council of Medical Research?

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

- (a): Information is annexed as annexure- I and annexure - II.
- (b): Yes. A hand-held device called Magnivisualizer with inbuilt source of light has been developed. This is a low cost illumination and magnifying device for visualizing the cervix and the technology has been transferred to M/s Smart Scientifics for commercial use.

ICMR has also established the India Cancer Research Consortium, which is aimed to provide framework for various stakeholders of cancer research to collectively deliberate inclusive, innovative & sustainable research and to accelerate cancer control in India. Task force on review of cancer management guidelines was constituted and center for Advanced Research and Excellence were initiated in Acute Myeloid Leukemia (AML) and Clinical Pharmacology.

(c): Yes. A memorandum of understanding (MoU) was signed between Indian Council of Medical Research and Indian Council of Forestry Research and Education on 15.10.2013 with the following aims and objectives:-

- I. Phytochemical and pharmacological screening of Indian medicinal plants and medicinal fungi for two types of biological activities viz. Anticancer & antidiabetic activity.
- II. The preclinical development of bioactive natural products and their analogs as chemotherapeutic agents.

(d): The knowledge and skills of scientific personnel are being regularly updated through their participation in various national and international level trainings, workshops and conferences. Upgradation of National Institute of Virology (NIV) unit at Gorakhpur has been done to a full fledged centre-Regional Medical Research Centre (RMRC), Gorakhpur. As part of streamlining of ICMR, number of institutes under ICMR, have been brought down from 32 to 26.

Projects on Cancer

<u>S.No.</u>	<u>Title</u>
1	Role of Human Papillomavirus infection and other co factors in the Aetiology of Head and Neck Cancer in India and Europe- (Multicentric Study-5 Centres)
2	National Multicentre Childhood Leukemia Programme
3	Comparative Study Of Genetic, Clinical And Epidemiological Factors Of Breast Cancer In Rural And Urban Area Of India (4 Centres)
4	Screening and early detection of cervical breast and oral cancer in Cachar, Assam: a pilot study (2 Centres)
5	Strengthening state non communicable disease programme for early detection of breast cancer involving strategic education and awareness among the women: A joint Programme of State Govt. and DMRC, Jodhpur
6	Concurrent evaluation of Human Papillomavirus (HPV) vaccine program and vaccine acceptance among adolscent girls in Punjab, 2017
7	Genomics of gall bladder carcinoma in Indian patients (2 Centres)
8	Comprehensive microbiome characterization in esophageal squamous cell, nasopharyngeal and stomach cancer of North Eastern India
9	Incidental GBC and other pre malignant gall bladder condition in India towards early detection of gall bladder cancer.
10	Centre for Advance Research & Excellence in Acute Myeloid Leukemia
11	Centre for Advance Research & Excellence in Clinical Pharamacology
12	India Cancer Research Consortium
13	Incidental gall bladder cancer and other pre malignant gall bladder condition in India towards early detection of Gall Bladder Cancer
14	Pattern and survival studies (POCSS) on Gall Bladder Cancer in Hospital Based Cancer Registries
15	Guidelines for the Management of Cancer

Funds spent on cancer research

<u>Year</u>	<u>(Rs. in crore)</u>
2014-15	28.17
2015-16	31.56
2016-17	45.03
2017-18	52.95
2018-19	65.91
Total	223.62