



Medical Knowledge Sharing Mission Launched for the First Time in the Country

Why in News?

On April 7, 2022, Madhya Pradesh Medical Education Minister Vishwas Kailash Sarang launched the Medical Knowledge Sharing Mission Office.

Key Points

- With this mission, various dimensions of latest technology, innovation and research of medical education and medical treatment at national and international level will be taken to the doctors and medical students of Madhya Pradesh.
- Work will be done on various dimensions in this mission. MoUs will be signed with various medical institutions (government and private) of the country and abroad for education, research and treatment.
- Under this mission, programs like training, capacity building, knowledge exchange, exposure visit program etc. will be prepared for medical students and doctors. A knowledge exchange interactive digital platform will be developed to enable medical students and practitioners to share their experiences, research work and other innovations digitally with each other.
- Latest technologies (Artificial Intelligence-AI) and advanced software based on Google and Microsoft will be used in the field of medical education and medical systems.
- Under this mission, government and private medical institutions, such as Sankara Nethralaya Chennai, Tata Cancer Hospital Mumbai, Fortis Gurgaon and Apollo Hospital along with the use of medical robotics in the field of super specialty surgery, medical practice and treatment of serious diseases. Medical and educational exchanges will take place.
- MoU will be signed with Columbia University of America for bone marrow transplant and with Emory University for treatment and medical research of infectious diseases.
- Eminent doctors of various disciplines of the country and the world will sign an MoU for the treatment of complex diseases of the patients of the state, in which arrangements for health camp, medical consultation facility and surgery will be done in the hospital of the medical college.
- By developing a digital platform, doctors and medical students of the state as well as doctors working in famous medical institutions of the country and abroad after getting medical education from the state will be connected by registering on the digital platform. Research works and innovations being done in the medical field will be published in digital form.
- Early detection of TB, brain stroke, brain tumor, heart disease, cancer, such as liver, prostate, bladder, colon cancer, breast cancer, bone cancer and thyroid disease using AI technology and AI based digital pathology Dimensions of patient testing will be developed.
- Various algorithms for testing and treatment will be developed by software based machine learning by collecting data of patients' examination and treatment in medical college hospitals, which will help doctors and medical students in the treatment of patients.
- Incubation center will be developed at Gandhi Medical College for research and development of new medical devices through the Medical Knowledge Sharing Machine, which will give opportunity to doctors and medical students to research and develop new medical devices according to the needs of the patients.
- Under the Pradhan Mantri Kaushal Vikas Yojna, a skill development program will be started to provide special training to medical, nursing and paramedical students to provide them skills in

their field of work.

- Efforts will also be made to connect international level institutions including World Health Organization, UNICEF, World Bank with the aim of establishing a Medical Knowledge Sharing Mission on the global platform.

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