Department of Medical Education
Himalayan Institute of Medical Sciences
Swami Rama Himalayan University
Swami Ram Nagar, P.O. Jolly Grant, Dehradun– 248016

Swami Rama Himalayan University
NAAC A+

HIMS/DME/2025/200 **Date: 20.08.2025**

CME

Date : 23.08.2025 **Time: 08:30 AM – 09:30 AM**
Day : Saturday **Venue: Adi-Kailash Auditorium**
(Near - Emergency Building)

First 10-minute Topic: "Allied health program Physiotherapy: "Restoring movement restoring life"

Presenter: Dr. Kiran Bhat
Vice Principal, Allied Health Program (Paramedical)

Topic: "THERANOSTICS CLINICAL PRACTICE AND EXPERIENCE IN CRI, HIMS."

Abstract:
Concept of 'THERANOSTICS' playing significant role in modern medicine. This is fusion of therapeutic + diagnostic, means agent used for diagnostic as well as therapeutic purposes.
Nuclear medicine is a dynamic and very well evolved field with a pivotal role in cancer diagnosis. This branch harnesses the power of radiopharmaceuticals to peer deep into the intricacies of disease at the molecular level. Among the most cutting-edge tools in this arsenal are PET CT scans, an innovative fusion of positron emission tomography and computed tomography. These scans provide clinicians with highly detailed, three-dimensional images that depict metabolic activity within the body. In the context of cancer, PET CT scans are invaluable for precisely pinpointing the location and extent of malignancies. This not only aids in initial diagnosis but also greatly informs treatment planning and allows for ongoing monitoring of a patient's response to therapy.
After more than seven decades of discovery of Gamma camera, it is still in clinical use with more recent advancements in gamma imaging.
In this era of "EVIDENCE BASED MEDICINE" both PETCT SCANNER & GAMMA CAMERA are playing significantly important role in providing best possible management to the patient.
We all are aware of Classical radioactive I-131 therapy, using since long time for treating thyroid cancer and hypothyroidism. This is one of the classical examples of theranostics in clinical use.
In past one decade there is excellent work done by researchers in the field of theranostics. Most commonly used and established theranostic agents are PSMA for prostate cancer and DOTA for neuroendocrine tumours.
In light of these transformative developments, today's Continuing Medical Education (CME) session will engage in in-depth, focusing on the critical role of state-of-the-art theranostics for diagnosis and therapy. This forum will empower healthcare professionals with the knowledge and insights needed to leverage the latest techniques in the fight against cancer.

Programme for CME:

Introduction to THERANOSTICS	Dr. Vishu Vijayant Chauhan, Assistant Professor, Department of Nuclear Medicine	10 min
DOTA based THERANOSTICS	Dr. Sudip Dey, Assistant Professor, Department of Nuclear Medicine	10 min
PSMA based THERANOSTICS	Dr. Vishu Vijayant Chauhan, Assistant Professor, Department of Nuclear Medicine	15 min
Discussion and Question Answers	Dr. Vishu Vijayant Chauhan, Assistant Professor, Department of Nuclear Medicine Dr. Sudip Dey, Assistant Professor, Department of Nuclear Medicine	15 min

All Faculty & Post Graduate Residents are required to attend the CME.
Department: Nuclear Medicine

Convenor
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Juhi 20/8/25
Coordinator
D.M.E

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