



South Asia Centre for Medical
Physics and Cancer Research

SCMPCR

Newsletter

A sister organization of Alo-BT

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QUALITY EDUCATION AND HEALTH SCIENCE FOR PATIENT BENEFIT



SCMPCR HW-09

PROPOSED VENUE

Sri Lanka

PROPOSED DATE: 6TH TO 9TH FEBRUARY 2026

On

Advanced Radio-Diagnostic to Modern Radiotherapy: Integrating Imaging and Motion Management for Medical Physicists and Clinicians

By

South Asia Centre for Medical Physics and Cancer Research (SCMPCR)

Upcoming
Event

Program Schedule

Theory

- The Role of Qualified Medical Physicist (MPE) in X-ray Diagnostics
- Machine and Patient Specific QA for IMRT and VMAT
- CBCT Dose in IGRT: Challenges, Cumulative Effects, and Mitigation Strategies
- IBA topics (Mammography)
- Varian topics (Motion Management)
- PTW topics (CT Optimization)
- Artificial Intelligence in Radiation Medicine
- Simulation and Motion Management in Radiotherapy
- Breast Tomosynthesis: 3D Imaging for Early and Accurate Cancer Detection
- Quality Assurance in CT Imaging: CTDI Accuracy and Optimizing Image Quality
- Highlighting the importance of Quality Images (CT, MRI, USG, PET/SPECT for tumor delineation)

Practical

- Practical (Radiotherapy Contouring)
- Practical (Radio Diagnostic: Radiology and Fluoroscopy)
- Multimodal Image Interpretation (CT, MRI, PET)
- Practical (Radio Diagnostic: Quality Control in CT)
- Practical (Medical Physics Motion Management)

Specialties of HW-09

- Expert & Certified Speakers
- Accreditation with CPD Points (in process)
- Examination and Certification

MORE DETAILS

Coming soon.....

CONTACT US

 +880 1711 841063, +8801714714765

 scmpcrfortraining@gmail.com

 www.scmpcr.org

