



South Asia Centre for Medical  
Physics and Cancer Research

SCMPCR

Newsletter

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## Bangladesh Medical Physics Society (BMPS) Celebrates International Day of Medical Physics (IDMP) 2024 with a Special Webinar on Liver SBRT

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The Bangladesh Medical Physics Society (BMPS) celebrated the International Day of Medical Physics (IDMP) 2024 with an insightful webinar titled "Radiation Dose-Volume Effects for Liver SBRT." The event was held on 7 November 2024 via Zoom, attracting over 120 participants from Bangladesh and abroad. The webinar aligned with this year's IDMP theme, "Inspiring the Next Generations of Medical Physicists," and brought together medical physicists, radiation oncologists, and students from around the world.

The webinar began with a welcome speech by Md. Jobairul Islam, Secretary of BMPS and Medical Physicist at Labaid Cancer Hospital and Super Speciality Centre, Dhaka, Bangladesh. In his address, he highlighted the significance of IDMP celebrations in promoting the role of medical physicists in healthcare. He expressed gratitude to the speaker, Prof. Moyed Miften, and the moderator, Dr. Md. Akhtaruzzaman, for their contributions to the event.

The webinar featured a keynote presentation by Prof. Moyed Miften, PhD, DABR, FASTRO, FAAPM, Professor and Director of the Medical Physics Division at the University of Colorado School of Medicine, USA. Prof. Miften is an internationally recognized authority in radiation oncology and stereotactic body radiotherapy (SBRT). His presentation focused on "Radiation Dose-Volume Effects for Liver SBRT," providing valuable insights into the challenges and advancements in liver SBRT.

The session highlighted the importance of balancing radiation dose and volume to maximize tumor control, provided practical guidance on treatment planning and toxicity management, and discussed technological advancements in SBRT.

The session was moderated by Dr. Md. Akhtaruzzaman, PhD, Chief Medical Physicist at Evercare Hospital Chattogram and President of BMPS. Dr. Akhtaruzzaman, a distinguished figure in the Bangladeshi medical physics community, ensured a smooth and engaging session, facilitating an interactive Q&A segment.

Following the presentation, there was an engaging Q&A session, where participants posed questions about the clinical application of SBRT and overcoming challenges in treatment planning. The discussion provided participants with valuable clinical insights and best practices for improving patient outcomes. The webinar concluded with closing remarks by Dr. Md. Akhtaruzzaman, who thanked the speaker, participants, and the organizing team for making the event successful. He reiterated BMPS's commitment to promoting medical physics education and research and encouraged participants to stay connected for future BMPS activities.

The IDMP 2024 webinar marked another successful event by BMPS in celebrating the contributions of medical physicists worldwide. The event inspired participants to advance their knowledge and contribute to the medical physics profession, aligning with the IDMP 2024 theme: "Inspiring the Next Generations



of Medical Physicists." BMPS looks forward to continuing its efforts to promote the medical physics profession and foster international collaboration in radiation oncology.



**BANGLADESH MEDICAL PHYSICS SOCIETY (BMPS)**

CELEBRATING INTERNATIONAL DAY OF MEDICAL PHYSICS (IDMP) 2024  
"INSPIRING THE NEXT GENERATIONS OF MEDICAL PHYSICISTS"



**Topic: "Radiation Dose-Volume Effects for Liver SBRT"**

**7 November 2024**  
4:00 PM (GMT)

**REGISTER NOW!**  
<https://forms.gle/ANQzbJowEGJ2pBi9>

PLATFORM:  
ZOOM (LINK WILL BE SHARED UPON REGISTRATION)



**SPEAKER**



**PROF. MOYED MIFTEN, PHD,  
DABR, FASTRO, FAAPM**  
Professor and Director, Medical Physics  
Division, Dept of Radiation Oncology,  
University of Colorado School of Medicine  
Aurora, Colorado, USA

**MODERATOR**



**MD. AKHTARUZZAMAN, PHD**  
Chief Medical Physicist, Evercare  
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