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БДБФИ -
БЪЛГАРСКО ДРУЖЕСТВО ПО
БИОМЕДИЦИНСКА ФИЗИКА И
ИНЖЕНЕРСТВО

BSBPE -
BULGARIAN SOCIETY OF
BIOMEDICAL PHYSICS AND
ENGINEERING



Enhancing quality and safety in high dose imaging procedures (23-27 January 2023, moderator Assoc. prof. D. Kostova- Lefterova)

Sponsors:



23 January, Monday

Session 1. Opening and setting the scene		
9:00 – 9:20	Welcome by the local organizers Introduction of participants and international experts, expectations from the workshop	
9:20 – 9:40	Status of Diagnostic and Interventional Radiology in Bulgaria	Local
9:40 – 10:00	Status of Nuclear Medicine in Bulgaria	P. Bochev
10:00 – 10:20	Status of Diagnostic Radiology in the UK	D. Remedios
10:20 – 10:40	Status of Nuclear Medicine in the UK	S. Vinjamuri
10:40 – 11:10	<i>Coffee break</i>	
11:10 – 11:40	Status of Medical Imaging Physics in Bulgaria: availability, staffing, education, training, etc.	D. Kostova-Lefterova
11:40 – 12:10	Status of Medical Imaging Physics in the UK: availability, staffing, education, training, etc.	A. Bridges
12:10 – 13:30	<i>Lunch break</i>	
13:30 – 14:00	Typical roles for allied health professionals in medical imaging in the UK	V. Swire
14:00 – 15:00	Discussion of the role of MP in the imaging department: Introduction and panel discussion	A. Bridges Panel

15:00 – 15:30	<i>Coffee break</i>	
15:30 – 16:30	Team Building: Discussion in Small Groups	Groups (multidisciplinary teams)
16:30 – 17:00	Summary of the day	All

24 January, Tuesday

Session 2: Justification and imaging appropriateness		
9:00 – 9:15	Legislation covering justification	A. Bridges
9:15 – 9:35	Imaging Referral guidelines: role and use for improving appropriateness	D. Remedios
9:35 – 10:05	Electronic clinical decision support system and integration into the referring process	V. Swire D. Remedios
10:05 – 10:30	Factors influencing justification and role of referring physicians and radiological professionals: discussion	Introduction and Q&A
10:30 – 11:00	<i>Coffee break</i>	
Session 3: Management of quality and safety in medical imaging		
11:00 – 11:30	Meeting with the hospital managers: roles and responsibilities for quality and safety in medical imaging: International BSS / UK Bulgaria	A. Bridges D. Kostova-Lefterova
11:30 – 12:00	Tools for quality management: accreditation, audits, centres of excellence	S. Vinjamuri
12:00 – 12:30	Governance of imaging departments: discussion	Introduction and Q&A
12:30 – 13:30	<i>Lunch break</i>	
Session 4: Clinical audit as a quality improvement tool		
13:30 – 14:00	Clinical audits in Nuclear Medicine practices (including QUANUM)	S. Vinjamuri
14:00 – 14:30	Clinical audits in Diagnostic Radiology (including QUAADRIL)	D. Remedios
14:30 – 15:30	Discussion in small groups: gaps and pitfalls	All
15:30 – 16:00	<i>Coffee break</i>	
16:00 – 16:30	Summary of group discussion and panel discussion	All
16:30 – 17:00	Summary of the day	

25 January, Wednesday

Session 5: Role of imaging in Oncology		
9:00 – 9:30	Role of the imaging departments in oncology (radiology, nuclear medicine, and radiotherapy planning)	D. Remedios S. Vinjamuri

9:30 – 9:50	Appropriate use of imaging in cancer	D. Remedios
9:50 – 10:10	Evolution of hybrid imaging in oncology	V. Swire
10:10 – 10:30	Appropriate use criteria for PET/CT	S. Vinjamuri
10:30 – 11:00	Coffee break	
11:00 – 11:20	Role of medical physicists in oncology imaging	A. Bridges
11:20 – 12:30	Improving the cancer pathway: opportunities in Bulgaria	P. Bochev + panel
12:30 – 13:30	<i>Lunch break</i>	
Session 6: Role of imaging in Cardiology		
13:30 – 13:50	Role of the imaging departments in cardiology	S. Dineva
13:50 – 14:10	Interventional cardiology in Bulgaria	K. Karamfilov
14:10 - 14:30	Appropriate use of imaging modalities in cardiology	D. Remedios
14:30 - 14:50	Appropriate use criteria for nuclear cardiology	S. Vinjamuri
14:50 – 15:20	<i>Coffee break</i>	
15:20 - 15:40	Management of radiation risk in interventional cardiology	A. Bridges
15:40 – 16:50	Improving the patient journey for cardiology: discussion	All
16:50 – 17:00	Summary of the day	

26 January, Thursday

Session 7: Equipment procurement process		
9:00 – 9:30	Procurement process	A. Bridges
9:30 – 10:30	Important of team role in the procurement: discussion	Panel: Introduction and Q&A
10:30 – 11:00	<i>Coffee break</i>	
Session 8: Quality control		
11:00 – 11:30	Role of medical physicists in the QC of imaging and non-imaging equipment	A. Bridges
11:30 – 12:00	Role of radiographers in the QC of imaging and non-imaging equipment	V. Swire
12:00 – 12:30	Discussion	All
12:30 – 13:30	<i>Lunch break</i>	
Session 9: Optimization		
13:30 – 14:00	Concept of DRLs and their use for optimization in diagnostic	A. Bridges

	radiology and nuclear medicine in the UK	
14:00 – 14:30	Establishing and using DRLs in Bulgaria	F. Simeonov
14:30 – 15:00	Audit for DRLs and optimization in the UK	D. Remedios
15:00 – 15:30	<i>Coffee break</i>	
Session 10: Radiopharmaceutical therapy		
15:30 – 16:00	Global trends in radiopharmaceutical therapies	S. Vinjamuri
16:00 – 16:30	Role of health professionals in radiopharmaceutical therapies	V. Swire
16:30 – 17:00	Discussion and summary of the day	All

27 January, Friday

Session 11: Incident reporting and learning to build safety culture		
9:00 – 9:20	Overview of incident reporting in the UK	A. Bridges
9:20 - 9:40	Improving safety culture through incident reporting and learning	V. Swire
9:40 – 10:00	Role of the managers in incident reporting	S. Vinjamuri
10:00 – 10:20	Improving safety culture: tips and tricks	D. Remedios
10:20 – 10:50	<i>Coffee break</i>	
10:50 – 12:00	Risk Management, Incident Reporting Safety Culture; Discussion in Small Groups	All
12:00 – 12:30	Improving quality and safety in medical imaging: discussion on the ways forward in Bulgaria	All
12:30 – 12:45	Meeting summary and closing	