

“Radiation Protection in Fluoroscopy Guided Imaging Procedures”

November 3-6, 2025

Workshop under the IAEA TC POL9028 Project
“Preventing Tissue Reactions in Interventional Procedures”

“Radiation risk in interventional radiology”

November 3, 2025

9:00 – 9:30

Introduction

9:30 – 10:15

“Radiobiology of radiation effects”

Kamil Brzóska, INCT

10:15 – 10:45

Coffee break

10:45 – 11:30

“Practical aspects of skin injuries and Trigger Levels – inc. IAEA study”

Andy Rogers, IAEA expert

11:30 – 12:15

Discussion on management of high-risk patients

IAEA experts and participants

12:15 – 13:45

Lunch break

13:45 – 14:30

“Patient dosimetry and radiation risk”

Andy Rogers, IAEA expert

14:30 – 15:15

“Incidents and their Management”

Andy Rogers, IAEA expert

15:15 – 15:45

Coffee break

15:45 – 16:30

“Managing pregnant patient and staff”

Annalisa Trianni, IAEA expert

16:30 – 17:00

Discussion

IAEA experts and participants

“Patients and occupational exposures in interventional radiology”
November 4, 2025

9:00 – 9:45

“Quality assurance programme: scope, content and responsibilities”

Annalisa Trianni, IAEA expert

9:45 – 10:30

“Quality control - inc. daily and other more routine tests”

Andy Rogers, IAEA expert

10:30 – 11:00

Coffee break

11:00 – 11:45

“Elements of the Quality Assurance System for X-Ray Equipment: Calibration and Interlaboratory Comparisons”

Marcin Brodecki, NIOM

11:45 – 12:30

“Optimisation: Protocols and best use of equipment”

Annalisa Trianni, IAEA expert

12:30 – 14:00

Lunch break

14:00 – 14:45

“IT tools to estimate patient dose”

Annalisa Trianni, IAEA expert

14:45 – 15:30

“Occupational dosimetry and typical values”

Andy Rogers, IAEA expert

15:30 – 16:00

Coffee break

16:00 – 16:45

“Optimisation of staff protection”

Annalisa Trianni, IAEA expert

16:45 – 17:00

Discussion

IAEA experts and participants

“Patients and occupational exposures in interventional radiology” (continuation)
November 5, 2025

9:00 – 9:45

“Patient Exposure Monitoring - inc. IAEA Safety Report 112 and the new Guidance on DMS”
Andy Rogers, IAEA expert

9:45 – 10:30

“Diagnostic Reference Levels - How to set them and their use in patient dose management”
Annalisa Trianni, IAEA expert

10:30 – 11:00

Coffee break

“Ethics and risk communication in interventional radiology”
November 5, 2025

11:00 – 11:30

“An Ethics Deficit in Radiation Protection in Imaging”
Steve Ebdon-Jackson, IAEA expert

11:30 – 12:00

“A WHO Response: A Policy Brief on Ethics in Radiation Protection in Imaging”
Steve Ebdon-Jackson, IAEA expert

12:00 – 13:30

Lunch break

13:30 – 14:15

“ICRP 157 - Publication on Ethics in Radiological Protection”
Marcin Drabek, NCRPHC

14:15 – 15:00

“Application of Ethics Values to Clinical Scenarios”
Steve Ebdon-Jackson, IAEA expert and Marcin Drabek, NCRPHC

15:00 – 15:30

Coffee break

15:30 – 16:15

“Communication - a general introduction and a patient perspective”
Steve Ebdon-Jackson, IAEA expert

16:15 – 16:45

“WHO Publication on Communication about radiation risks in paediatric imaging”
Marcin Drabek, NCRPHC

16:45 – 17:00

Discussion
IAEA experts and participants

Closing meeting of the IAEA TC POL9028 Project
November 6, 2025

9:00 – 9:30

Introduction

9:30 – 10:00

Overview of the IAEA TC POL9028 Project

IAEA and NCRPHC

10:00 – 10:30

“Equipment procurement - general overview”

Andy Rogers, IAEA expert

10:30 – 11:00

Coffee break

11:00 – 11:45

“Role of staff groups in life cycle of angio equipment”

Andy Rogers, IAEA expert

11:45 – 12:30

“Latest updates on angiography technology”

Annalisa Trianni, IAEA expert

12:30 – 14:00

Lunch break

14:00 – 14:45

“Applications of artificial intelligence in interventional procedures”

Annalisa Trianni, IAEA expert

14:45 – 15:15

“National Survey on Patient Doses in IR in Poland”

NCRPHC

15:15 – 15:45

Coffee break

15:45 – 16:45

Discussion on local training needs and safety culture

IAEA experts and participants

16:45 – 17:00

Summary and ending of the meeting