



International Conference on Radiation Protection in Medicine

1-3 September 2010 Varna, Bulgaria

PROGRAM

REGISTRATION	
<i>Riviera Beach Hotel, lobby</i>	
TUESDAY, 31 ST AUGUST 2010	16:00 – 19:00
WEDNESDAY, 1 ST SEPTEMBER 2010	8:00 – 12:15

WEDNESDAY, 1ST SEPTEMBER 2010		
12:30 – 13:30 <i>Riviera Hall</i>	OPENING CEREMONY	
	<i>Chair: Radostina Georgieva, Director NCRRP (Bulgaria)</i>	
	Welcome by the Ministry of Health of Bulgaria	
	Welcome by the Nuclear Regulatory Agency	S. Tzotchev, Chairman of NRA
	Welcome by the Municipality of Varna	K. Yordanov, Mayor of Varna
	Message by the Organising Committee	J. Vassileva, Chair
13:30 – 14:30 <i>Lunch</i>		
14:30 – 15:40 <i>Riviera Hall</i>	PLENARY SESSION	
	<i>Chairs: Sören Mattsson (Sweden), Vassil Hadjidekov (Bulgaria)</i>	
	14:30 – 15:00	PL.1 Global view on radiation protection in medicine
15:00 – 15:40	PL.2. Skin injuries in interventional procedures	M. Rehani (<i>IAEA</i>) S. Srimahachota (<i>Thailand</i>)
15:40 – 16:00 <i>Break – coffee/ tea, technical exhibition</i>		
16:00 – 18:20 <i>Riviera Hall</i>	SCIENTIFIC SESSION 1.	
	Radiation Protection of Patients and Staff in High Dose Diagnostic and Interventional Procedures	
	<i>Chairs: Peter Vock (Switzerland), Keiichi Akahane (Japan)</i>	
16:00 – 16:20	S1.I1. Radiation Dose Management in CT, SPECT/CT and PET/CT techniques (<i>invited</i>)	<u>S. Mattsson</u> , M. Söderberg (<i>Sweden</i>)
16:20 – 16:35	S1.I2. Review of Patient Doses in Many Countries: IAEA experience (<i>invited</i>)	<u>V. Tsapaki</u> (<i>Greece</i>), M. Rehani (<i>IAEA</i>)

16:35 – 16:47	S1.O1. A national program for Patient and Staff Dose Monitoring in Interventional Cardiology	R. Sánchez, E. Vañó, J.M. Fernández, J. Sotil, F. Carrera, J. Armas, F. Rosales, J. Scaned, J. Angel, J.F. Diaz, F. Bosa (Spain)
16:47– 16:59	S1.O2. Status of Radiation Protection in Interventional Cardiology in four East European countries	O. Ciraj-Bjelac, A. Beganovic, D. Faj, S. Ivanovic, I. Videnovic, M.Rehani (Serbia, Bosnia, Croatia, Macedonia, IAEA)
16:59 – 17:11	S1.O3. The determination of Dose-Area-Product Trigger Levels to Predict the Exceeding of Thresholds for Deterministic Effect at the Skin for Interventional Radiology: TRIR	L. Struelens, E. D'Agostino, K. Bacher, F. Bleeser, H. Bosmans, A. Fremout, M.T. Hoornaert, A. Lecluyse, F. Malchair, K. Smans, P. Smeesters and F. Vanhavere (Belgium)
17:11 – 17:23	S1.O4. Is Hair Loss a Reality in Neuro-interventional Radiology?	L. Gavagan, J. Ti, J. Thornton (Ireland)
17:23 – 17:35	S1.O5. Patient and Endoscopist Radiation Doses during ERCP Procedures	V. Tsapaki, K.D. Paraskeva, N. Mathou, E. Andrikopoulos, P. Tentas, C. Triantopoulou, J.A. Karagiannis (Greece)
17:35 – 17:47	S1.O6. Optimization of Pulmonary CT Angiography by Energy Reduction from 120 kV to 80 kV	P. Vock, S. Schindera, Z. Szucs-Farkas (Switzerland)
17:47 – 17:59	S1.O7. Evaluation of Organ Doses in CT Examinations with an Infant Anthropomorphic Phantom	K. Fujii, K. Akahane, O. Miyazaki, T. Horiuchi, A. Shimada, T. Kawasaki (Japan)
17:59 – 18:11	S1.O9. Optimization of Radiation Protection for Medical staff – the ORAMED project	C. Koukorava, E. Carinou, M. Sans Merce, I. Barth, A. Carnicer, I. Clairand, J. Domienik, L. Donadille, P. Ferrari, M. Fulop, M. Ginjaume, G. Gualdrini, J. Jankowski, S. Krim, F. Mariotti, D. Nikodemova, E. Nirgianaki, X. Ortega, A. Rimpler, N. Ruiz, K. Smans, L. Struelens, F.Vanhavere (Greece, Switzerland, Germany, Spain, France, Poland, Italy, Slovakia, Belgium)
18:11 – 18:20	Posters overview (S1.P1 – S1.P25)	F. Malchair (Belgium), D. Zontar (Slovenia)

THURSDAY, 2nd SEPTEMBER 2010

8:00 – 8:45 Conference Hall	REFRESHER COURSE 1 Lessons Learned from the Accidents in Radiotherapy: How to prevent them? <i>Lecturer: Tommy Knöös (Sweden)</i> <i>Chair: Kenneth Kase (France)</i>	
8:45 – 9:35 Conference Hall	SCIENTIFIC SESSION 2 Radiation effects and risks <i>Chairs: Eliseo Vañó (Spain), Valeria Hadjidekova (Bulgaria)</i>	
8:45 – 9:05	S2.I1. Radiation and Cataract (<i>invited</i>)	M. Rehani (IAEA), E. Vañó (Spain)
9:05 – 9:17	S2.O1. PROLARA: A prognosis-based Lifetime Attributable Risk Approximation for Risk of Cancer from Diagnostic Medical Exposures	W. Eschner, M. Schmidt, M. Dietlein, H. Schicha (Germany)
9:17 – 9:29	S2.O2. Meningiomas and other Late Effects after Diagnostic X-ray Exposure of the Skull	S. Pflugbeil, C. Pflugbeil, I. Schmitz-Feuerhake (Germany)
9:29 – 9:35	Posters overview (S2.P1 – S2.P7)	I. Rupova (Bulgaria)

9:35 – 10:00	<i>Break – coffee/ tea, technical exhibition</i>	
10:00 – 12:30	SCIENTIFIC SESSIONS 3, 4, 5 (Parallel sessions)	SS3: Radiotherapy (Conference Hall) SS4: Nuclear Medicine (Black See Hall) SS5: Diagnostic Radiology (Riviera Hall)
10:00– 11:03 Conference Hall	SCIENTIFIC SESSION 3A. Radiation Protection and Quality Assurance in Radiotherapy <i>Chairs: Ritva Bly (Finland), Rada Borisova (Bulgaria)</i>	
10:00 – 10:15	S3.I1. ALARA Principle and its Implementation in Radiation Oncology (<i>invited</i>)	<u>T. Hadjieva</u> (Bulgaria)
10:15 – 10:27	S3.O1. Determination of Radiation Dose and Risk for Second Cancer induction from Radiotherapy of Heterotopic Ossification: A Monte Carlo study	<u>T. Berris</u> , M. Mazonakis, J. Stratakis, A. Tzedakis, J. Damilakis (Greece)
10:27 – 10:39	S3.O2. Evaluation of Patient Doses from Verification Techniques in Image-Guided Radiotherapy (IGRT)	<u>V. Dufek</u> , I. Horakova, L. Novak (Czech)
10:39 – 10:51	S3.O3. Patient Dose Monitoring during Total Body Irradiation	<u>B.P. Ravindran</u> , H.F. Godson, T.P. Balasingh, R.R. Singh, S. John (India)
10:51 – 11:03	S3.O4. Dosimetry and Patient QA for RapidArc Technique - Commissioning and Patient Treatment	<u>K. Mair</u> , U. Machold, B. Polivka, M. Arnold (Germany)
11:03– 11:20	<i>Break</i>	
11:20– 12:30 Conference Hall	SCIENTIFIC SESSION 3B. Radiation Protection and Quality Assurance in Radiotherapy <i>Chairs: Bernard Aubert (France), Tatiana Hadjieva (Bulgaria)</i>	
11:20 – 11:32	S3.O5. Radiation Protection Issues in the Clinical Use of the Intrabeam™ System in Intra-Operative Radiotherapy (IORT) Treatments	<u>M. Metaxas</u> , C. Stacey, D. D'Souza (UK)
11:32 – 11:44	S3.O6. Radiation Dose to Bladder and Rectum During Brachytherapy of Cancer Cervix Uterus	<u>A. Chougule</u> (India)
11:44 – 11:56	S3.O7. Health Physics aspects in a treatment room following 18 MV X-ray irradiations	<u>J. Kalef-Ezra</u> (Greece)
11:56 – 12:08	S3.O8. The Norwegian Program on Quality Assurance in Radiotherapy (KVIST) – Organisation, Benefits and Experiences	<u>H.M. Olerud</u> , S. Lavernes, T.P. Hellebust, I.E. Heikkelä, D.C. Johannessen, H. Bjerke, E. Sundqvist, G. Frykholm (Norway)
12:08 – 12:20	S3.O9. Accidents with Ionizing Radiation used for Medical Purposes in the last 60 years. Some Conclusions and Recommendation toward Radiation Control Equipment	<u>Y. Andreev</u> , G. Vasilev (Bulgaria)
12:20 – 12:30	Review of posters (S3.P1 – S3.P12)	A. Chougule (India)
10:00 – 11:03 Black See Hall Imperial Hotel	SCIENTIFIC SESSION 4A. Radiation Protection of Patients and Staff in Nuclear Medicine <i>Chairs: Wolfgang Eschner (Germany); Anelia Klisarova (Bulgaria)</i>	
10:00 – 10:15	S4.I1. Radiation protection of the patient in nuclear medicine (<i>invited</i>)	<u>I. Kostadinova</u> (Bulgaria)
10:15 – 10:27	S4.O1. Establishment of Dose Reference Levels for Nuclear Medicine in Greece	<u>S. Vogiatzi</u> , P. Kipouros, M. Chobis (Greece)

10:27 – 10:39	S4.O2. Management of the radioprotection for the workers and the patients in a PET Department with Cyclotron and Radiopharmacy Laboratory, in respect of Italian regulation	<u>A.A. Russo</u> , R. Delia, P.Ferrari (<i>Italy</i>)
10:39 – 10:51	S4.O3. A Study on Occupational Exposure in a PET/CT facility	S. Vargas Castrillón, <u>F. Cutanda Henríquez</u> (<i>Spain</i>)
10:51 – 11:03	S4.O4. Assessment of personnel absorbed dose in production of medical radioisotopes by cyclotron	S. M. Sadat-Eshkevar, <u>A. Karimian</u> , M. Mirzaei (<i>Iran</i>)
11:03– 11:20	<i>Break</i>	
11:20 – 12:30 Black See Hall Imperial Hotel	SCIENTIFIC SESSION 4B. Radiation Protection of Patients and Staff in Nuclear Medicine <i>Chairs: Jamila Salem Al Suwaidi (UAE), Irena Kostadinova (Bulgaria)</i>	
11:20 – 11:32	S4.O5. Canada's Medical Radioisotope Shortage – The Regulator's Reality	<u>P. Fundarek</u> (<i>Canada</i>)
11:32 – 11:44	S4.O6. Patient specific dosimetry in radionuclide therapy. Cumulative Activity- Cumulative Dose- Dose Volume Histogram	M. Lyra, V. Charalabatou, I. Vamvakas, N. Lagopati (<i>Greece</i>)
11:44 – 11:56	S4.O7. Discharge Criteria for Patients Following a Radionuclide Therapy and Problems of Their Crossing the State Border of the Russian Federation	<u>I. Zvonova</u> , M. Balonov, V. Golikov (<i>Russia</i>)
11:56 – 12:08	S4.O8. Is it possible to apply the new IAEA - SRS No. 63: Release of Patients after Radionuclide Therapy" in Latin America Countries?	A. López, J. Aguilar, G. Lagos , E. Mora, A.E.Llamas, P. Orellana, M.I. Guimaraes, A. Nader (<i>Cuba, Mexico, Uruguay, Costa Rica, Colombia, Chile, Brasil, Austria</i>)
12:08 – 12:20	S4.O9. Radionuclide Therapy Patient release according to External dose rate & Residual Activity of patients Treated with Sodium Iodine- 131 in Iran	<u>N. Jeshvaghane</u> , R. Paydar, B. Fasaei, A. Karamloo, M.R. Deevband, A. Pakneyat, H.R. Khosravi (<i>Iran</i>)
12:20 – 12:30	Posters overview (S4.P1 – S4.P13)	E. Molyvda-Athanasopoulou (<i>Greece</i>)
10:00 – 11:00 Riviera Hall	SCIENTIFIC SESSION 5A. Quality Assurance and Patient Dosimetry in Diagnostic Radiology <i>Chairs: Michael Moores (UK), Asen Dimov (Bulgaria)</i>	
10:00 – 10:12	S5.O1. Radiation protection of patients in diagnostic radiology: status of practice in five Eastern-European countries, based on IAEA project	<u>O. Ciraj-Bjelac</u> , A. Beganovic, D. Faj, V. Gershan, S. Ivanovic, D. Arandjic, I. Videnovic, M.Rehani (<i>Serbia, Bosna, Croatia, Macedonia, IAEA</i>)
10:12 – 10:24	S5.O2. How to Filter X-radiation?	<u>T. Porubszky</u> (<i>Hungary</i>)
10:24 – 10:36	S5.O3. A Preliminary Study Into Performing Routine Tube Output and AEC QA Using RIS Data	<u>P. Charnock</u> , R. Jones, J. Fazakerley, R. Wilde (<i>UK</i>)
10:36 – 10:48	S5.O4. Doses under Automatic Exposure Control (AEC) for Direct Digital Radiographic (DDR) X-rays systems	<u>L. Bowden</u> , C. Clancy, R. Faulkner, A. Gallagher, D. Gorman, G. O'Reilly, A. Dowling (<i>Ireland</i>)
10:48 – 11:00	S5.O5. Effective dose estimation for peadiatric scoliotic patients	L. Ben Omrane, <u>M. Mogaadi</u> , A. Hammou (<i>Tunisia</i>)
11:00– 11:15	<i>Break</i>	

11:15 – 12:30 Riviera Hall	SCIENTIFIC SESSION 5B. Optimisation and Justification in Diagnostic Radiology <i>Chairs: Paul Shrimpton (UK), Milan Totev (Bulgaria)</i>	
11:15 – 11:27	S5.O6. Justification of medical exposures: a survey among radiologists and radiographers of London hospitals	<u>M. Koutalonis</u> , J. Horrocks (UK)
11:27 – 11:39	S5.O7. Transition from Screen-Film to Computed Radiography in a Pediatric Hospital: the Missing Link Toward Optimization	<u>G. Paulo</u> , J. Santos, A. Moreira, <u>F. Figueiredo</u> (Portugal)
11:39 – 11:51	S5.O8. Optimization of Patient Protection and Image Quality in Diagnostic Radiology	<u>J. S. Wambani</u> , G.K. Korir (Kenya)
11:51 – 12:03	S5.O9. Factors influencing radiation dose to patient during Ba meal and Ba enema contrast fluoroscopy examinations	<u>A. Dimov</u> , D. Dosieva, M. Pirinen, H. Järvinen (Bulgaria, Finland)
12:03 – 12:15	S5.O10. Learning dose optimization by a Monte Carlo Based Program	<u>A. Henner</u> (Finland)
12:15 – 12:30	Posters overview (S6.P1 – S6.P41)	J. Ziliukas (Lithuania), N. Ahmed (Sudan), E. Gruppetta (Malta)
12:30 – 13:30	<i>Lunch</i>	
13:30 – 14:30 Riviera Hall	INTERNATIONAL ORGANIZATIONS FORUM: ICRP, EC, WHO, IAEA, IOMP, IRPA <i>Chairs: Sören Mattsson (Sweden), Stelios Christofides (Cyprus)</i>	
13:30 – 13:42	F.1. ICRP Activities in Radiation Protection in Medicine	E. Vañó (ICRP)
13:42 – 13:54	F.2. European Commission Activities on Radiation Protection of Patients and Other Individuals Submitted to Medical Exposure	G. Simeonov (EC)
13:54 – 14:06	F.3. Role and activities of WHO's Global Initiative on Radiation Safety in Health Care Settings	F. Shannoun (WHO)
14:06 – 14:18	F.4. International Action Plan on Radiation Protection of Patients and role of IOMP	M. Rehani (IAEA & IOMP)
14:18 – 14:30	F.5. IRPA Initiative on Improving Radiation Protection Culture	K. Kase (IRPA)
14:30 – 15:30 Riviera Hall	PANEL DISCUSSION: Regulation on radiation protection of patient – How and how much? <i>Moderator: Augustin Janssens (EC)</i> <i>Panellists: Steve Ebdon-Jackson (UK), Simone Kodolovich Dias (Brazil), Ahmad Karamloo Ghezeljeh (Iran), Jeska Wambani (Kenya)</i> <i>Discussants: Hilde Olerud (Norway), Anja Almen (Sweden), Tom Clarijs (Belgium), Mark Valero (France), Hannu Jarvinen (Finland)</i>	
15:30 – 15:50	<i>Break – coffee/ tea, technical exhibition</i>	
15:50 – 16:20 Riviera Hall	SCIENTIFIC SESSION 6 Scientific basis and clinical audit <i>Chairs: Igne Schmitz-Feuerhake (Germany), Radostina Georgieva (Bulgaria)</i>	
15:50 – 16:05	S6.I1. A review of the scientific basis of radiation protection of the patient (<i>invited</i>)	<u>B.M. Moores</u> (UK), D. Regulla (Germany)
16:05 – 16:17	S6.O1. Clinical audit: development of the criteria of good practices	S. Soimakallio, A. Alanen, <u>H. Järvinen</u> , A. Ahonen A, K. Ceder, T. Lyyra-Laitinen, M. Paunio, T. Sinervo, and T. Wigren_(Finland)

16:17 – 16:20	Discussion	
16:20 – 17:40 Riviera Hall	SCIENTIFIC SESSION 7 Training and professional development in radiation protection <i>Chairs: Simone Dias (Brazil), Kazuko Ohno (Japan), Mercè Ginjaume (Spain)</i>	
16:20 – 16:30	S7.O1. The European Medical ALARA Network (EMAN) – a Network in Formation	<u>A. Almén</u> , H. Ducou le Pointe, A. Frank, G. Paulo, J. Griebel, J. Hernandez-Armas, W. Leitz, R. Padovani, C. Schieber, A. Schmitt-Hannig, F. Vanhavere, P. Vock (<i>Sweden, France, Portugal, Germany, Spain, Italy, Belgium, Switzerland</i>)
16:30 – 16:40	S7.O2. Spanish experience in radiation protection education and training in Medicine	J.M. Fernandez-Soto, <u>E. Vañó</u> , E. Guibelalde (<i>Spain</i>)
16:40 – 16:50	S7.O3. Efficient Education of Radiation Safety for Nurses	<u>K. Ohno</u> , K. Togashi (<i>Japan</i>)
16:50 – 17:00	S7.O4. Radiation protection training for medical staff in Bulgaria. What can be improved?	<u>J. Vassileva</u> , A. Yagova, B. Ivanov (<i>Bulgaria</i>)
17:00 – 17:10	S7.O5. Improving ALARA culture in Europe: Radiological technologist's perspective	<u>D. Katsifarakis</u> (<i>Greece, ISSRT</i>)
17:10 – 17:20	S7.O6. Not able to distinguish between X-ray tube and image intensifier: fact or fiction? Skills in radiation protection with focus outside radiological departments	<u>E.G. Friberg</u> , A. Widmark, M. Solberg, T. Wøhni (<i>Norway</i>)
17:20 – 17:30	S7.O7. Radiation Protection Training Pattern and Experience in One of the Member States	<u>S. Pellet</u> , F. Giczi, A. Temesi, P. Brunner (<i>Hungary</i>)
17:30 – 17:40	Posters overview (S7.P1 – S7.P8)	D. Bor (<i>Turkey</i>)
17:40 – 18:25 Riviera Hall	PANEL DISCUSSION Role of professional organizations in training, professional development and creation of radiation safety culture Peter Vock (<i>ESR</i>), Tommy Knöös (<i>ESTRO</i>), Wolfgang Eschner (<i>EANM</i>), Stelios Christofides (<i>EFOMP</i>), Madan Rehani (<i>IOMP</i>), Dimitris Katsifarakis (<i>ISSRT</i>) <i>Moderator: Georgi Simeonov (EC), Hilde Bosmans (Belgium)</i>	

FRIDAY, 3rd SEPTEMBER 2010		
8:00 – 8:45 Riviera Hall	REFRESHER COURSE 2 Diagnostic Reference Levels (DRLs): How helpful up to now and in the future? <i>Lecturer: Paul Shrimpton (UK)</i> <i>Chair: Anja Almen (Norway)</i>	
8:45 – 11:00 Riviera Hall	SCIENTIFIC SESSION 8 Dose surveys, DRLs and Tracking of patient doses <i>Chairs: Hilde Olerud (Norway), Jenia Vassileva (Bulgaria)</i>	
8:45 – 9:00	S8.I1. Patient exposure tracking – IAEA Smart card project (invited)	<u>M. Rehani</u> (<i>IAEA</i>)
9:00 – 9:12	S8.O1. Opportunities to improve the global assessment of medical radiation exposures	M. Crick, <u>F. Shannoun</u> , J. Le Heron, J. Izewska, D. Paez, A. Velazquez (<i>UNSCEAR, WHO, IAEA</i>)

9:12 – 9:24	S8.O2. Frequency and doses for the “TOP20” examination types most contributing to the collective effective dose in Norway in 2008	<u>A. Almén</u> , E.G. Friberg, A. Widmark, H.M. Olerud (<i>Norway</i>)
9:24 – 9:36	S8.O3. Estimated Collective Effective Dose to the Population from X-ray and Nuclear Medicine Examinations in Finland	<u>R. Bly</u> , H. Järvinen, H. Korpela, P. Tenkanen-Rautakoski, A. Mäkinen (<i>Finland</i>)
9:36 – 9:48	S8.O4. Nationwide Survey on Exposure of the Swiss Population by Radiodiagnostics: 2008 Review	<u>E.T. Samara</u> , A. Aroua, F. Bochud, J.-P. Vader, P. Trueb and F.R. Verdun (<i>Switzerland</i>)
9:48 – 10:00	S8.O5. Patient Doses in Paediatric CT: Feasibility of Setting Diagnostic Reference Levels	H. Järvinen, K. Merimaa, <u>R. Seuri</u> , E. Tyrväinen, M. Perhomaa, P. Savikurki-Heikkilä, E. Svedström, J. Ziliukas, M. Lintrop (<i>Finland, Lithuania, Estonia</i>)
10:00 – 10:12	S8.O6. Automatic Computed Tomography patient dose calculation using DICOM header metadata	<u>A. Jahnen</u> , S. Kohler, J. Hermen, D. Tack and C. Back (<i>Luxemburg</i>)
10:12 – 10:24	S8.O7. Automated DICOM image metadata collection and analysis	<u>H-E. Källman</u> , E. Halsius, A. Thilander Klang, M. Båth (<i>Sweden</i>)
10:24 – 10:36	S8.O8. Utilization of PACS to Monitor Patient CT Doses	<u>J. AlSuwaidi</u> , M. Bayoumi, N. Al Shibli, H. Sulaiman, T. URrahman, M. AlYarah (<i>UAE</i>)
10:36 – 10:48	S8.O9. Automatic management system for dose parameters in Interventional Radiology	J. I Ten, J.M. Fernandez, <u>E. Vañó</u> (<i>Spain</i>)
10:48 – 11:00	Posters overview (S8.P1 – S8.P9)	A. Tingberg (<i>Sweden</i>)
11:00 – 11:20	<i>Break – coffee/ tea, technical exhibition</i>	
11:20 – 12:30 Riviera Hall	SCIENTIFIC SESSION 9 Justification and optimisation of mass screening procedures <i>Chairs: Denis Remedios (UK), Simona Avramova-Cholakova (Bulgaria)</i>	
11:20 – 11:40	S9.I1. Justification and optimisation of mass screening procedures (invited)	<u>H. Bosmans</u> (<i>Belgium</i>)
11:40 – 11:51	S9.O1. A survey of the state of mammography practice in Bulgaria	<u>S. Avramova-Cholakova</u> , J. Vassileva (<i>Bulgaria</i>)
11:51 – 12:02	S9.O2. Performance of Mammography Equipment in the Macedonian Breast Screening Campaign 2008/2009	<u>V. Gershan</u> , S. Antevska – Grujoska (<i>FYR Macedonia</i>)
12:02 – 12:14	S9.O3. Breast cancer screening with tomosynthesis – Initial experiences	<u>A. Tingberg</u> , I. Andersson, D. Förnvik, S. Mattsson, T. Svahn, P. Timberg, S. Zackrisson (<i>Sweden</i>)
12:14 – 12:25	S9.O4. Simple Method for the Calculation of the Average Glandular Dose in the Mammography	<u>P. Penchev</u> , B. Gong, A. Smirnov, S. Schopphoven, K. Bock, M. Fiebich (<i>Germany</i>)
12:25 – 12:30	Posters overview (S9.P1 – S9.P8)	O. Ciraj Bjelac (<i>Serbia</i>)
12:30 – 13:30	<i>Lunch</i>	
13:30 – 14:30 Riviera Hall	PANEL DISCUSSION Justification. How to get referring physicians involved? <i>Moderator: Randeep Guleria (India)</i> <i>Panelists: Denis Remedios (UK), Ariel Durán (Uruguay), Yitzhak Romem (Israel), Vassil Hadjidekov (Bulgaria)</i>	

14:30 – 15:00 Riviera Hall	FORUM ON PATIENT SAFETY Risk communication and patient rights. Listening to patient advocates <i>Moderator: Randeep Guleria (India)</i> <i>Panelists: Patient organizations from Bulgaria</i>
15:00 – 15:15	<i>Break – coffee/ tea, technical exhibition</i>
15:15 – 16:15 Riviera Hall	LOOKING INTO FUTURE Medical radiation protection in next decade <i>Moderators: Madan Rehani (IAEA), Eliseo Vañó (Spain)</i>
16:15 – 17:00 Riviera Hall	BEST PAPERS AWARDS SUMMARIES AND CLOSING

RAPPORTEURS:

Overall: Hannu Järvinen (*Finland*)

Day 1st: Virginia Tsapaki (*Greece*)

Day 2nd: Olivera Ciraj-Bjelac (*Serbia*); **Co-rapporteurs:** Irina Zvonova (*Russia*), Ritva Bly (*Finland*),

Day 3rd: Hannu Jarvinen (*Finland*)