Scientific Programme

The theme for **AOCMP-AMPICON2017** is **Advances in Medical Physics: Shaping the future of Modern Healthcare**. All other relevant and related topics shall be covered in the scientific sessions.

17th Asia Oceania Congress of Medical Physics (AOCMP) and, 38th Annual Conference of Association of Medical Physicists of India (AMPICON) 2017 4th -7th November, 2017 Jaipur, Rajasthan, India

Day 1: November 4th, 2017 (Saturday)

	Day 1: 4th November, 2017		
Time	**Programme**		
08.00AM-09.00AM	**Registration**		
9.00AM-10.00AM	**Inauguration of Conference**		
10.00AM-10.30AM	**High Tea and Inauguration of Trade Exhibitions**		
	Hall A (Main Hall)	**Hall B (JMA Hall)**	**Hall C (Bangur Basement CT/MRI Wing)**
10.30AM-1.00PM	**Session I: Proton & Heavy ion Therapy**	**Session II: Modern Imaging** (Courtesy:Siemens Healthineers)	**Session III: Symposium 1/ IOMP School (60min)**
	Chairpersons: Dr K Thayalan, Dr ApurbaKabasi IS: Research lines in Proton Therapy **-Prof Alejandro Mazal, France**	Chairpersons: Dr Hafiz M Zin, Dr Pratik Kumar	**MST-1:**Practical application of Moodle for e-learning courses in Medical Physics **-Dr. VassilkaTabakova, UK**
	I-1:Production of carbon ions for heavy ion radiotherapy **-Dr. Atsushi Kitagawa, Japan**	**I-4**:Beginning of Computer-aided Diagnosis in Medical Imaging **-Prof. Kunio Doi, USA**	**Session IV: Symposium 2/ IOMP School (60min)** **Leadership and Entrepreneurship**
	I-2:Introduction to Proton therapy **-Prof. Shigekazu Fukuda, Japan**	**I-6**: What if Radiology was an art? **-Dr. Robin Decoster, Belgium**	**MST-2:**Preparing Medical Physicists for future leadership roles **-Prof. Carmel J. Caruana, Malta**
	I-3:The present status of Boron Neutron Capture Therapy in Japan. **-Prof. Yoshinori Sakurai, Japan**	**O5-O9**	**MST-3:**Leadership and Entrepreneurship: A Medical Physicist's Perspective **-Dr. AK Rath, India**
	O1-O4		
01.00PM-02.00PM	**Lunch and Poster presentations**		

02.00PM-04.00PM	**Session V: Medical Physics Education**	**Session VI: Symposium 3 (60min)**	**Session VIII: Symposium 5 (120min)** **Affordable therapy technologies**
	Chairpersons: Dr R. Ravichandran, Dr CS Sureka	**MST-4:**The Evolving Posture Of Medical Physics As A - Profession: Medical Physics 3.0 **-Prof. Mellisa Martin, USA**	**MST-6:**The need for affordable technologies based on CMC, Vellore Experience **-Prof. Paul Ravindran, India**
	I-07: Codes of Conduct and Codes of Ethics in Medical Physics **-Dr. Howell Round, NZ**	**Session VII: Session VII: Symposium 4/ IOMP School(60min)**	**MST-7:** Project Introduction and a Compensator based IMRT for cobalt and Linac **-Prof. GovindaRajan, India**
	I-08:Resources to run an RT Department – Staffing and Materials. **-Prof. Yakov Pipman, USA**	**MST-5:**Future of medical physics and interaction with other science **-Prof. Kiyonari Inamura, Japan**	**MST-8:**Principles of design for affordable technologies **-Prof. Eric Ford, USA**
	I-09: From IOMP to IMPCB – How a Decades Old Wish became Reality **-Prof. Raymond Wu, USA**		**MST-9:** Cobalt treatments are still relevant in a LINACs world A MR guided Co 60 machine perspective. **-Dr. Lakshmi Santanam, USA**
	I-10: Education trends after the official recognition of medical physics occupation in ISCO08 **-Prof. Slavik Tabakova, UK**		**MST-10:**Programmatic Support for the develop of Indigenous technologies in cancer **-Dr.D N Badodkar, India**
4.00PM-4.15PM	**Tea Break**		
4.15PM-5.15PM	**Session IX: Advanced Medical Research**	**Session X: Monte Carlo & Special Algorithms**	**Session XI: Symposium 6/ IOMP School(60min)** **Latest CT Technologies in Japan**
	Chairpersons: Prof U Selvaraj, Dr Raju Srivastava	**Chairpersons**:Dr Raghuram Nair, Dr Ramesh Desai	**MST-11:** Latest performance evaluation of X-ray CT **– Dr Katsumi Tsujioka, Japan**
	I-12: Recent developments on Magnetic nano particle and their application in magnetic hyperthermia for cancer therapy and Drug delivery. **-Dr. Ambesh Dixit, India**	**I-13:**Implementing EGSnrc Monte Carlo in a clinical setup and its potential applications **-Prof. Paul Ravindran, India**	**MST-12:** Latest CT scanning technologies in Japan **-Dr Koichi Sugisawa, Japan**
		O10-O12	
5.15PM-6.00PM	**Dr. Ramaiah Naidu Memorial Oration – Dr. PGG Kurup, India** **Chairpersons** : Prof.ArunChougule, President AMPI, Dr. V. Subramani, Secretary AMPI		
6.00PM-7.00PM	**Felicitation Programme**		
7.00PM onwards	**Cultural Programme**		
9.00PM onwards	**Dinner**		

Day 2: November 5th, 2017 (Sunday)

	Day 2: 5th November 2017 [Sunday]			
	Programme			
08.00AM-09.00AM	**Session XII: CMPI Teaching Programme** **TS1:** Technology of Advanced Radiotherapy equipment including Ion beam therapy equipment **-Dr. SD Sharma, India** **TS2:** IGRT: Determining setup margins and correction methods **-Dr. T Ganesh, India**			
	Hall A (Main Hall)	**Hall B (JMA Hall)**	**Hall C (Bangur Basement CT/MRI Wing)**	**Hall D (Radiological Physics Department upstairs)**
9.00AM-10.30AM	**Session XIII: Electron Beam Therapy & Special Procedures**	**Session XIV: High-tech Radiotherapy**: Challenges in the perspective of Radiation Oncologist, Medical Physicists and Radiotherapy technologists	**Session XV: Symposium 7(90min)**	**Session XVI: Nuclear Medicine &** **Radiobiology**
	Chairpersons: Dr D.K. Ray, Dr Satish Pelagade	**Chairpersons**: Dr GV Giri, Dr Ramakrishna Rao, Dr Neeraj Jain	**Radiation incidents and accidents in medicine**	**Chairpersons**: Dr Kaliyappan P., Dr Aruna Kaushik
	I-14: Clinical Electron Bram Dosimetry: Transition from AAPM TG-25 to AAPM TG-70. **-Dr. Dimitris Mihailidis, USA**	**I-17**: Radiation Oncologist's perspective. **-Dr. Nidhi Patni, India**	**MST-13:**Incidents and accidents in CT and interventional Radiology **-Dr. S D Sharma, India**	**I-21**:Mitigation of consequential effects of Misadministration in Nuclear Medicine **-Prof. A K Shukla, India**
	I-15: New Approach to Managing Radiotherapy Patients with Cardiac Implanted Devices (CIEDs): Modern Technology RT and CIEDs. **-Dr. Bipin Agarwal, USA**	**I-18**: Medical Physicist's perspective **-Dr. K. Krishna Murthy, India**	**MST-14:** Incidents and accidents in Nuclear Medicine. **-Dr. Pankaj Tandon, India**	**O13-O17**
	I-16:Motion Management in Radiation Therapy **-Dr. Lakshmi Santhanam, USA**	**I-19**:Radiation Technolgist's perspective **-Rakesh Kaul, India**	**MST-15:**Incidents and accidents in Radiotherapy **-Dr. G A Zakaria, Germany**	
		I-20: MR Guided Adaptive RT **-Prof. Bhudatt Paliwal**		
10.30AM-11.00AM	**Tea Break and Poster Presentations**			
11.00AM-2.00PM	**Session XVII: Plenary Talk**	**Session XIX: Modern RT techniques & Planning-I**	**Session XX: Symposium 8 (60min)**	**Session XXII: Dosimetry & QA**
	I-22: Preparedness for Response to Radiological Emergencies	**Chairpersons**: Poopati V, Saji Oommen **I-5**: Journey of Radiology	**New Developments in Photon Brachytherapy**	**Chairpersons**: Dr G Ramanathan, Dr G Sahni

	-Dr. KS Pradeepkumar, India	in last over 120 years **-Dr SunitaPurohit, India**		
	Session XVIII: Brachytherapy	**I-24**:Image guided application in Medical Physics **-Prof. Tae Suk Suh, S.Korea**	**MST-16:**Dosimetric Challenges of Photon Brachytherapy in Terms of Absorbed Dose to Water **-Prof. G A Zakaria, Germany**	**I-27**:In-vivo Dosimetry in Radiotherapy **Prof. M Ravikumar, India**
	Chairpersons: Dr KamleshPassi, Dr Arumugham Balraj	**I-25**:Do we need audit of Radiation Oncology facilities – internal or external or both? **RK Munjal, India**	**MST-17:**New Developments in Image based Gynaecological Brachytherapy **-Dr. Hasin A Azhari, Bangladesh**	**O39-O51**
	I-23: Advances in Brachytherapy **-Dr. D D Deshpande, India**	**I-26**:Management of CT image for obese patients in Radiotherapy treatment planning procedure **SN Sinha, India**	**Session XXI: Symposium 9(120Min)**	
	O18-O28	**O29-O32**	**Radionuclide Imaging**	
		Panel Discussion Session (60min) Topic: Selection of Particle Therapy Technology: Should be based on capital costs or clinical needs **Moderator**: Prof Alejando Mazal	**MST-18:**Hybrid Imaging: Applications of PET-MRI in Neurodegenerative Disorders **-Dr. Nand K Relan, USA**	
		Panelists: PD1: Particle Therapy: Clinical Needs and Efficacy Dr DN Sharma, India	**MST-19:**Importance of Quality Control in Nuclear Medicine **-Dr. SubhashKheruka, India**	
		PD2: Multi-Room Proton Therapy Technology Dr Rajesh A. Kinhikar, India	**MST-20:** Optimization of Radiation Safety and Exposures in Nuclear Medicine **-Dr. Pankaj Tandon, India**	
		PD3: Compact Single Room Proton Therapy Facility Dr V Subramani, India	**MST-21**:Role of Molecular Imaging in Oncology with special reference to radiation oncology **-Dr. J K Bhagat, India**	
		PD4: Carbon Ion Therapy Technology Dr Atsushi Kitagawa,		

		Japan		
02.00PM-02.30PM	**Lunch Symposium sponsored by Varian Hall B (JMA Hall)**			
02.30PM-04.20PM	**Session XXIII: Materials and equipment for Research in Medical Physics**	**Session XXIV: Modern RT techniques & Planning-II**	**Session XXVI: Symposium 11: (50min)** **Radiobiophotonics & Normal Tissue Protection- A Firewall**	**Session XXVII: Small Field Dosimetry & Med Physics Educational**
	Chairpersons: Dr DS Dhote, Dr Daxa Patel	**O33-O38**	**MST-23**: -Dr. Rao V. L. Papineni, USA, Dr. Shahid Umar, USA.	**Chairpersons**: Mrs Saraswathi Chitra, Dr Dayananda S
	I-28: Advances in medical physics and Phantom development: A parallel Path. A review from historical to Computational phantoms **-Prof. Franco Milano, Italy**	**Session XXV: Symposium 10 (50min)**	**I-11**:Processing of Medical Image Using Lattice Boltzmann Method Case Study – Cerebral aneurysm segmentation **-Dr D Datta, India**	**O58-O68**
	I-29: Revolutionary Role of Nanotechnology in Health Care **–Prof S H Pawar, IndiaSegmentation**	**MST-22**:Physics of Medical Isotope Production **–Prof R Chary, Canada**		
	O52-O57			
04.20PM-04.30PM	**Tea break and poster presentations**			
04.30PM-6.00PM	**Session XXVIII:** **AMPI best paper award session** **Chairpersons**: Mr N Balasubramanian, Dr E Vardharajan **(BP1-BP9)**	**Session XXIX: Symposium 12 (60min)** **Challenges of Advanced Quality Assurance in Radiotherapy: Treatment Planning and Delivery System**	**Session XXX: Symposium 14 (90Min)** **Current status of the breast cancer and importance of the mammographic screening and quality control of the mammography**	
		MST-24:Moving from gamma passing rates to patient DVH based online plan verification **-Dr. Andreas Block, Germany**	**MST-26**: Overview of the breast cancer and mammographic status in Asia and in Japan. **-Dr. Tokiko Endo, Japan**	
		MST-25: Monte Carlo methods as :advanced quality assurance for special treatment situations **-Dr. Wolfgang Baus Germany**	**MST-27**: The guideline of quality control for Screening mammography in Japan. **-Dr.Hiroko Nishide, Japan**	
			MST-28: Vision for mammography in the digital era. **-Prof. Yoshie Kodera, Japan**	

7.00PM onwards	**Banquet and Cultural Programme by AFOMP countries**

Day 3: November 6th, 2017 (Monday)

	Day 3: 6th November 2017 [Monday]	
Time	**Programme**	
08.00AM-09.00AM	**Session XXXI:CMPI Teaching Session** TS3: Portal Dosimetry **-Dr.Raghaven-Dr.a Holla, India** TS4: ICRU-89-Recent ICRU recommendation for Cervix Brachytherapy: **-Dr. JamemaSwamidas, India**	
	Hall A(Main Hall)	**Hall B(JMA Hall)**
9.00AM-10.30AM	**Session XXXII: Radiobiology** **Chairpersons: Dr Bharanidharan Ganesan, Dr K R Muralidhar**	**Session XXXIV: Medical Physics Research& Biomedical Engg.-I** **Chairpersons**: Dr Brindha Subramanian, Dr. Kanchan Adhikari, Nepal
	I-30:Grid radiotherapy and its abs copal Effect: Radiation induced immunogenic response with immunotherapy **-Dr. TS Kehwar, USA**	**I-32**:Data Mining for Radiomics **-Prof. Hidetaka Arimura, Japan**
	I-31:Results of the latest WHO BSS Workshop **-Dr. Magdalena Stoeva, Bulgaria**	**I-33**:FDG PET/CT simulation for radiotherapy planning **-Dr.Kohei Hanoka, Japan**
	Session XXXIII:Symposium 15 (40min)	**I-34:**4D in-silico stochastic spatio temporal model of tumor growth with angiogenesis **-Dr. Eva Bezak, Australia**
	MST-29: New Aspects of Medical Physics in Radiation Oncology and Imaging **-Prof. G A Zakaria, Germany**	**O69**
	MST-30:Monte Carlo methods as advanced quality assurance for special treatment situations **-Dr. Wolfgang Baus, Germany**	
10.30AM-11.00AM	**Tea Break**	
11.00AM-01.30PM	**Session XXXV: Trade Session** **Chairpersons**: Dr TS Elias, Dr Pramod K Sharma	**Session XXXVI: Medical Physics Research & Biomedical Engg.-II** **Chairpersons**: Prof S Sowmya Narayanan, Dr Sudesh Deshpande
	T1: Uncertainties in CTDI measurements on Axial Scans **Mr Erik Wikstrom, Bergen India**	**I-35**:Development of video based mechanical quality assurance system for medical linear accelerator **-Dr. Youngyih Han, SKorea**
	T2:Trade talk by Panacea expert T3:Trade talk by Siemens expert	**I-36:**Medical applications of 3D printing **-Dr. Ramani Ramaseshan, Canada**

	T1-T7	**I-37**: LA technology improves patients care-on 6 high theory **–Dr Yimin Hu, Republic of China**
01.30PM-02.00PM	**Lunch**	
02.00PM-04.00PM	**Session XXXVII: AOCMP Best Paper Award Session**	**Session XXXVIII: Symposium 15/ IOMP School (120Min)**
	Chairpersons: Dr. Tae Suk Suh, Dr. Howell Round	**The mini-symposium on DRLs**
	12 PAPERS (AB1-AB12)	**MST-31**:Establishing and monitoring DRLs **-MPS Mann, India**
		MST-32:The current situation of dose and DRLs for radiographic- and fluoroscopic examinations **-Satish Uniyal, India**
		MST-33:**Radiation dose and DRLs for CT scanners in India** **-Dr. Roshan Livingstone, India**
4.00PM-4.15PM	**Tea Break**	
04.15PM-5.45PM	**Session XXXIX: Symposium 16/ IOMP School (90Min)**	**Session XXXX: Symposium 17 (90Min)**
	MDCT: Physics and Dosimetry	**Medical Physics Training and Education Collaboration among both Regional Organizations**
	MST-34: Physics and basic technology of CT **-Dr. Mahadevappa Mahesh, USA**	**MST-37:** Advances of Radiation Therapy Treatment in MEFOMP Countries: **-Dr. Rabih Hammoud, Qatar**
	MST-35: CT dosimetry **-Dr.AjaiSrivastva, India**	**MST-38**: The Perspective in Development of Medical Physics in AFOMP Region **-Dr. Tae Suk Suh, S.Korea**
	MST-36: Techniques for dose optimization in CT **-Dr. Roshan Livingstone, India**	**MST-39**: Medical Physics Education and Training in MEFOMP Countries: **– Dr Ibrahim Duhaini, Lebanon**
		MST-40: Radiation Safety and Regulatory Authorities in MEFOMP: **-Dr. Laila Al Baloushi, UAE**
		MST-41: A Brief History of Medical Physics in Asia-Oceania: **-Dr. Howell Round, NZ**
		MST-42: The Status of Education and Training of Medical Physicists in the AFOMP Region: **-Dr.Kwan Hoong Ng, Malaysia**
5.45PM onwards	**AMPI GBM**	**Session XXXXI: Medical Physics Quiz**

		Conducted by: Mrs Deboleena Mukherjee, Dr Jamema S, Mrs Kalpana Thakur
8.00PM onwards	**Dinner**	

Day 4: November 7th, 2017 (Tuesday)

Time	Programme	
	Hall A (Main Hall)	
09.00AM-09.30AM	**IDMP INAUGURATION**	
09.30AM-10.40AM	**SESSION1:MEDICAL PHYSICS EDUCATION** **Chairpersons : Dr J Velmurugan, Dr K Muthuvelu**	
09.30AM-10.00AM	History of Medical Physics – a new IOMP project	**Dr. Slavik Tabakov, UK**
10.00AM-10.20AM	Medical Physics Education & Profession Perspective in AFOMP Region	**Dr. Tae Suk Suh, S.Korea**
10.20AM-10.40AM	Medical Physics perspective: INDIAN SCENARIO	**Dr. S D Sharma, India**
10.40AM-11.15AM	**Flagging off of IDMP Rally and High Tea**	
11.15AM-01.30PM	**SESSION2:FEMALE MEDICAL PHYSICIST: GLOBAL& REGIONAL PERSPECTIVE** **Chairpersons: Dr S Sathiyan, Mrs Deboleena Mukherjee**	
11.15AM-11.30AM	Pioneer Women Medical Physicists from MEFOMP Countries	**Dr. Huda Al Naemi, UAE**
11.30AM-11.45AM	Medical Physicists Certification Process and Examination in the Middle East	**Dr. Ibrahim Duhaini, Lebanon**
11.45AM-11.55AM	MPW	**Dr. Magdalena Stoeva, Bulgaria**
12.00PM-1.30PM	**SESSION 3: IOMP-IDMP PROGRAMME [LIVE TELECAST]**	
12.00PM-12.05PM	Introductory talk on IDMP	**Dr. Slavik Tabakov, UK & Dr. John Damilakis, Greece**
12.05PM-12.20PM	Medical Physics contributions to women's health and radiation safety	**Dr. H. Anupama Azhari, Bagladesh**
12.20PM-12.35PM	IOMP Women survey data	**Dr. Virginia Tsapaki, Greece**
12.35PM-12.50PM	MP Education, Profession and as a Carrier for women in Bangladesh: Problems and Perspective	**Ms. Kazi Towmim Afrin, Bangladesh**
12.50PM-01.05PM	Women Medical Physicists: Current status in India	**Dr. Shobha Jayaprakash, India**
01.05PM-01.20PM	Women and men in the Australasian college of physical scientists and engineers in medicine : Workforce survey	**Dr. Eva Bezak, Australia**
01.20PM-1.30PM	**DISCUSSION**	
01.30PM-02.30PM	**Lunch**	
02.30PM-04.00PM	**SESSION 4: RADIATION PROTECTION AND IMAGING OF WOMEN PATIENTS** **Chairpersons: Dr Sushama P, Dr KM Ganesh**	
02.30PM-03.00PM	Radiation safety aspects pertaining to female patients and staff	**Dr. Nidhi Patni, India**
03.00PM-03.30PM	Dose management of pregnant patients in Radiology	**Dr. John Damilakis, Greece**
03.30PM-04.00PM	Segmentation of Breast Masses using active contour modeling	**Dr. William Rae, South Africa**
04.00PM-05.00PM	**VALEDICTORY FUNCTION AND AWARD DISTRIBUTION**	
05.00PM-05.30PM	**DUSK RELISH**	

List of Oral Presentations

S No.	Title of the Oral Presentation	Presenting Author	Place
	Session XXXVIII: AOCMP BEST PAPER AB1-AB12 (02.00PM- 04.00PM) Hall A November 6, 2017		

AB 1	PROTOTYPE DEVELOPMENT OF ARTIFICIAL INTELLIGENCE (AI) BASED PROTON THERAPY PLANNING SYSTEM	YONG-JIN KIM	SOUTH KOREA
AB 2	GPU-BASED FAST IMAGING TECHNIQUE DURING BORON NEUTRON CAPTURE THERAPY (BNCT): MONTE CARLOSIMULATION STUDY FOR S-PET OPERATION	HYE JEONG YANG	SOUTH KOREA
AB 3	TLD CORRECTION FACTORS FOR FIELD SIZES USED IN LUNG SBRT DOSIMETRIC MEASUREMENTS	R.C.X.SOH	SINGAPORE
AB 4	INVESTIGATION OF OPTIMAL SHUTTER SCAN ACQUISITION PARAMETERS IN DIGITAL TOMOSYNTHESIS SYSTEM	D. KIM	SOUTH KOREA
AB 5	STUDY OF FEASIBILITY OF USING A COMPLEMENTARY METAL OXIDE SEMICONDUCTOR BASED MOBILE PHONE CAMERA AS A RADIATION DOSIMETER	JOSMI JOSEPH	VELLORE, INDIA
AB 6	IMPROVING IMAGE QUALITY IN CONTRAST ENHANCED DUAL ENERGY MAMMOGRAPHY BY NOISE COMPENSATION TECHNIQUES	MINJAE LEE	SOUTH KOREA
AB 7	MULTI-MODALITY IMAGE FUSION BASED ON IMPROVED FUZZY NEURAL NETWORK METHOD	Z. CHAO	SOUTH KOREA
AB 8	ESTIMATION OF VIRTUAL SOURCE POSITION FOR ELECTRONS WITH REGULAR AND IRREGULAR FIELDS FROM A MEDICAL LINEAR ACCELERATOR	DOKE HANUMAN BAJIRAO	BANGALORE, INDIA
AB 9	DEVELOPMENT OF VOXEL BASED METHOD FOR EVALUATION OF THE RADIOTHERAPY TREATMENT PLANS: A NOVEL APPROACH	GAGANPREET SINGH	CHANDIGARH, INDIA
AB 10	3D SILICON MICRODOSIMETRY FOR BORON NEUTRONCAPTURE THERAPY: A SIMULATION STUDY	NARORI HU	OSAKA, JAPAN
AB 11	PERIPHERAL DOSE MEASUREMENTS WITH FFF BEAMS FROM LINEAR ACCELERATOR AND TOMOTHERAPY FOR SBRT OF CA PROSTATE -PHANTOM STUDY	PRAGYA SHREE	MUMBAI, INDIA
AB 12	GPU-ACCELERATED 4D IMAGE RECONSTRUCTION USING ONBOARD KV CONE-BEAM CT (CBCT)	SUNGHOON CHOI	KOREA
	Session XXIX: AMPI BEST PAPER BP1-BP9 (04.30PM- 06.00PM) Hall A November 5, 2017		
BP 1	APPLICATOR COMMISSIONING FOR IMAGE BASED BRACHYTHERAPY	SIJI NOJIN PAUL	MUMBAI, INDIA
BP 2	SECONDARY CANCER AND RADIOBIOLOGICAL RISK ESTIMATES FOR INSTITUTIONAL 3D CONFORMAL PLANNING METHOD:COMPARISONWITH TRADITIONAL GAP JUNCTION AND INVERSE IMRT PLANS OF PEDIATRIC MEDULLOBLASTOMA	A.HEMALATHA	BIKANER, INDIA
BP 3	RETROSPECTIVE ANALYSIS OF GEOMETRICAL INFORMATION ABOUT PAROTID AND PLANNING TARGET VOLUME TO PREDICT THE PAROTID MEAN DOSE TARGET VOLUME TO PREDICT THE PAROTID MEAN DOSE	AMIT NIRHALI	PUNE, INDIA
BP 4	PREDICTING THE IMPACTS OF DAILY TRANSLATIONAL COUCH SHIFTS ON DVH AND RADIO BIOLOGICAL PARAMETERS OF VMAT PLANS USING CURVE FITTING METHOD	M.P. NOUFAL	CALICUT, INDIA
BP 5	STUDY OF THE EFFECTS OF DWELL TIME DEVIATION CONSTRAINT (DTDC) ON IVERSE PLANNINGSIMULATED ANNEALING (IPSA) OPTIMISED PLANS OF INTRACAVITARY BRACHYTHERAPY OFCANCER CERVIX	SAURABH ROY	NEW DELHI, INDIA

BP 6	VOLUME MIS-ESTIMATION BY CT SCAN: IMPORTANCE OF CT PERFORMANCE IN PRECISION LUNG CANCER RADIOTHERAPY	TEERTH RAJ VERMA	LUCKNOW, INDIA
BP 7	MONTE CARLO BASED CORRECTION FACTORS FOR SMALL FIELD DETECTORS	RENIL MON P S	KOCHI, INDIA
BP 8	DEVELOPMENT AND VALIDATION OF A MATLAB SOFTWARE PROGRAM FOR REAL TIME AND POSITIONING MANAGEMENT (RPM) GATING GENERATED BREATHING TRACE	NAVEEN KUMAWAT	NEW DELHI, INDIA
BP 9	HIPPOCAMPAL SPARING WHOLE BRAIN RADIOTHERAPY: A PLANNING STUDY COMPARING COPLANAR AND NONCOPLANAR VMAT PLANS	C.A. MUTHUSELVI	BENGALURU, INDIA
Session I: O1-O4 (10.30AM- 1.00PM) Hall A November 4, 2017			
O-1	RADIATION SAFETY ASSESSMENT OF PROTON THERAPY FACILITY IN INDIA	G. SAHANI	MUMBAI, INDIA
O-2	EFFECT OF DELIVERABILITY CONSTRAINTS ON THE IMPT PLAN QUALITY	BOJARAJAN PERUMAL	BENGALURU, INDIA
O-3	RADIATION PROTECTION ASPECTS IN A MEDICAL CYCLOTRON FACILITY FOR PRODUCTION OF POSITRON EMITTERS	ARUNA KAUSHIK	DELHI, INDIA
O-4	SMALL PHOTON FIELD DOSIMETRY WITH RADIOCHROMIC FILM USING AN INDIGENOUSLY DEVELOPED PROGRAM	LALIT M AGGARWAL	VARANASI, INDIA
Session II: O5-O9 (10.30AM- 1.00PM) Hall B November 4, 2017			
O-5	DUAL-ENERGY HIGH-RATE X-RAY COMPUTED TOMOGRAPHY SCANNER USING A YAP-PHOTOMULTIPLIER DETECTOR	TSUKURU SATO	JAPAN
O-6	PRE-PROCESSING OF BREAST IMAGE FOR PERIPHERAL AREA CORRECTION	HYEMI KIM	KOREA
O-7	MAMMOGRAPHY IMAGING STUDY USING SYNCHROTRON	REENA SHARMA	MUMBAI, INDIA
O-8	TRIPLE-ENERGY HIGH-RATE X-RAY COMPUTED TOMOGRAPHYSCANNER USING A CADMIUM TELLURIDE DETECTOR	EIICHI SATO	JAPAN
O-9	HIGH-SENSITIVITY NEAR-INFRARED-RAY COMPUTED TOMOGRAPHY SCANNER	YUICHI SATO	JAPAN
Session X: O10-O12 (04.15PM- 5.15PM) Hall B November 4, 2017			
O-10	HIGH RESOLUTION CT LUNG PATIENT SKIN DOSE MEASUREMENT USING METAL OXIDE SEMICONDUCTOR FIELD EFFECT TRANSISTOR (MOSFET)	A SARAVANA KUMAR	COIMBATORE, INDIA
O-11	KNOWLEDGE BASED PLANNING FOR STEREOTACTIC RADIOSURGERY: STANDARDISATION OF VOLUMETRIC MODULATED ARC THERAPY BASED FRAMELESS STEREOTACTIC TECHNIQUE USING A MULTIDIMENSIONAL ENSEMBLE MAPPING.	BIPLAB SARKAR	GURGAON, INDIA
O-12	MONTE CARLO MODELLING OF INDIGENOUSLY DEVELOPED MEDICAL LINEAR ACCELERATOR	P. K. DIXIT	MUMABI,INDIA
Session XVI: O13-O17 (10.30AM- 1.00PM) Hall D November 5, 2017			
O-13	IMPACT OF PRECLINICAL PET GEOMETRICAL ARRANGEMENT ON PERFORMANCE PARAMETERS	KAJAL AGGARWAL	FRANCE
O-14	DEVELOPMENT OF F18-FDG PET/CT DATABASE OF LUNG MASSES FOR IMAGING RESEARCH	MUKESH KUMAR	NEW DELHI, INDIA
O-15	OPTIMISATION OF THE MOVING AVERAGE FILTER PARAMETER FOR PROCESSING 99MTCMDP-BONE SCAN IMAGE	ANIL KUMAR PANDEY	NEW DELHI, INDIA
O-16	RADIATION DOSE FROM 18F-FDG PET/CT PROCEDURES: INFLUENCE OF SPECIFIC CT MODEL AND PROTOCOLS	OLUWABAMISE ADELEYE	SOUTH AFRICA
O-17	ANALYSIS OF THERAPEUTIC EFFECTIVENESS BY GENERATION OF THREE ALPHA PARTICLES INPROTON-BORON FUSION REACTION BASED ON MONTE CARLO SIMULATION CODE	SUNMI KIM	KOREA
	Session XVII:O18-O28 (11AM- 1.00PM) Hall A November 5, 2017		

O-18	COMMISSIONING AND VALIDATION OF COMMERCIAL DEFORMABLE IMAGE REGISTRATION SOFTWARE	JAMEMA SWAMIDAS	MUMBAI, INDIA
O-19	DEVELOPMENT OF REAL TIME ON-LINE QUALITY ASSURANCE DEVICE FOR AFTERLOADING H-DR. BRACHYTHERAPY	S.SENTHILKUMAR	MADURAI, INDIA
O-20	DOSIMETRIC IMPACT OF TWO METHODS OF POINT A DEFINITION IN HIGH DOSE RATE INTRACAVITARY BRACHYTHERAPY FOR CERVICAL CANCERS	ARPANA SIWACH	MUMBAI, INDIA
O-21	A SIMPLE NOVEL TECHNIQUE FOR RING APPLICATOR CATHETERRECONSTRUCTION ON CT AND MRI 3D IMAGE BASED BRACHYTHERAPY PLANNING FOR CERVICAL CANCER.	DEVARAJU SAMPATHIRAO	MUMBAI, INDIA
O-22	CURRENT STATUS AND TECHNICAL CHALLENGES OF SECONDARY CALIBRATION SYSTEM FOR RAKR OF 192IR H-DR. BRACHYTHERAPY SOURCE IN JAPAN	S. KAWAMURA	JAPAN
O-23	ANALYSIS OF DOSES TO ORGANS AT RISK WHILE DEFINING THE POINT A FROM THE MANCHESTER SYSTEM AND THE ICRU 89 RECOMMENDATIONS	SIDONIA VALAS. X	CHENNAI, INDIA
O-24	3-DIMENSIONAL VERIFICATION OF PEAR-SHAPED DOSE DISTRIBUTIONS OF H-DR. INTRACAVITARY BRACHYTHERAPY DELIVERIES USING NORMOXIC POLYMER GEL DOSIMETRY: A COMPARISON BETWEEN GEL DOSIMETRY AND TPS RESULTS.	DEVI NAND SINGH	KOLKATA, INDIA
O-25	MONTE CARLO STUDY OF WATER-EQUIVALENCE OF VARIOUS SOLID PHANTOM MATERIALS FOR 131CS, 125I AND 103PD LOW ENERGY BRACHYTHERAPY SOURCES	SUBHALAXMI MISHRA	MUMBAI, INDIA
O-26	VALIDATION OF HETEROGENEOUS ALGORITHM USING EBT2 STACK FILM WITH METAL AND SHIELDED APPLICATOR IN H-DR. BRACHYTHERAPY	MOUROUGAN SINNATAMBY	PONDICHERRY, INDIA
O-27	RADIATION SHIELDING EVALUATION OF MODEL LAYOUT PLAN FOR REMOTE AFTERLOADING IRIDIUM / COBALT SOURCE BRACHYTHERAPY TREATMENT ROOM – THEORETICAL CALCULATION	MAHEN-DR.A MORE	SURAT, INDIA
O-28	PROBABILISTIC SAFETY ASSESSMENT OF REMOTE AFTERLOADING (RAL) HIGH DOSE RATE (H-DR.) BRACHYTHERAPY FACILITY	RAJIB LOCHAN SHA	MUMBAI, INDIA
	Session XIX:O29-O32(11AM- 2.00PM) Hall B November 5, 2017		
	PRE-TREATMENT VERIFICATION OF ADVANCED RADIOTHERAPY USING ELEKTA LINAC PARAMETERS TRACKED IN REAL-TIME	HAFIZ MOHD ZIN	MALAYSIA
O-30	DOSIMETRIC COMPARISION OF COPLANAR ANDNON-COPLANAR INTENSITY MODULATED RADIATION THERAPY PLANNING FOR ESOPHAGEAL CARCINOMA	VINAY DESAI	BENGALURU, INDIA
O-31	LUNG AND BREAST CANCER RISK ESTIMATES FOLLOWING INVOLVED-SITE RADIATION THERAPY FOR SUPRADIAPHRAGMATIC HODGKIN'S DISEASE IN FEMALE PATIENTS	M. MAZONAKIS	GREECE
O-32	COMPARISON OF VOLUMETRIC MODULATED ARC THERAPYAND HELICAL TOMOTHERAPY PLANS FOR HIGH RISKPROSTATE CANCERS USING DOSIMETRIC AN-DR.ADIOBIOLOGICAL INDICES	SNEHA .S. NAIR	KOCHI, INDIA
	Session XIX:O33-O38(2.30PM-4. 20PM) Hall B November 5, 2017		
O-33	EFFICACY OF SHORT SPINAL ARC LENGTH IN VOLUMETRIC MODULATED ARC THERAPY BASED CRANIOSPINAL IRRADIATION	UPEN-DR.A K GIRI	GURGAON, INDIA
O-34	A HYBRID CONFORMAL PLANNING TECHNIQUE WITH SOLITARY DYNAMIC PORTAL FOR POST-MASTECTOMY RADIOTHERAPY WITH REGIONAL NODES	MOHAMATHU RAFIC K	VELLORE, INDIA
O-35	SIMULTANEOUS INTEGRATED BOOST FOR CARCINOMA LEFT SIDED BREAST: PLAN QUALITY COMPARISON OF HELICAL TOMOTHERAPY WITH VOLUMETRIC MODULATED ARC THERAPY	MRS B. SUBBULAKSHMI	BANGALORE, INDIA
O-36	BIOLOGICAL & DOSIMETRIC EVALUTION OF FLATTENING FILTER FREE (FFF) BEAM PLANS OVER FLATTENED BEAM (FB)	RAMESH K K	BANGALORE, INDIA

	BEAM PLANS IN HEAD & NECK CANCER		
O-37	USE OF PORTAL DOSIMETRY TO MONITOR TREATMENT CONSISTENCY FOR HEAD AND NECK CANCER THROUGHOUT THE COURSE OF TREATMENT	SUDESH DESHPANDE	MUMBAI, INDIA
O-38	IDENTIFICATION OF EQUIVALENT LUNG VOLUME FROM 4DCT DATA FOR TREATMENT PLANNING AND DELIVERY IN SBRT OF LUNG CANCER	NVN MADUSUDHANA SRESTY	HYDERABAD, INDIA
	Session XXII:O39-O51(11AM- 2.00PM) Hall D November 5, 2017		
O-39	NOVEL METHOD OF ERROR REDUCTION IN QUANTIFYING THE SHIFT IN ISOCENTER USING LINE SPREAD FUNCTION APPROACH	VINEETH C	CALICAT, INDIA
O-40	DEVELOPEMENT OF A CMOS-BASED OPTICAL COMPUTED TOMOGRAPHY SYSTEM FOR 3D RADIOTHERAPY DOSIMETRY	AHMAD TAUFEK ABDUL RAHMAN	MALAYSIA
O-41	MEASUREMENT AND COMPARISON OF SURFACE DOSE OF UNFLATTENED AND FLATTENED PHOTON BEAMS FOR DIFFERENT FIELD SIZES	SURESH BABU P	BANGALORE, INDIA
O-42	DETERMINATION OF STEREOTACTIC SMALL FIELD OUTPUT FACTORS WITH DIFFERENT DETECTORS	SEBY GEORGE	VELLORE, INDIA
O-43	QUALITY ASSURANCE PROGRAM AT DURHAM REGIONAL CANCER CENTER, ONTARIO CANADA	DAXA PATEL	CANADA
O-44	STUDY ON THE MEASUREMENT OF SURFACE AND BUILDUP DOSES USING DIFFERENT IONIZATION CHAMBERS	SREEDEVI E	KERALA, INDIA
O-45	IMPACT ON GAMMA INDEX ON MEASUREMENT WITH TWO DIFFERENT ARRAY DETECTORS	S.PRAVEENKUMAR	CHENNAI, INDIA
O-46	VOLUMETRIC MODULATED ARC THERAPY DOSIMETRY QA USING LIQUID IONISATION CHAMBER.	NITIN R. KAKADE	MUMBAI, INDIA
O-47	DOSIMETRIC CHARACTERISTICS OF DIGITAL MEGAVOLT IMAGER FOR FLATTENING FILTER FREE (FFF) BEAMS	VENDHAN SUBRAMANI	CHENNAI, INDIA
O-48	STUDY ON RADIOLOGICAL PROPERTIES OF WOODEN DUST AS A SUBSTITUTE OF LUNG FOR THE DOSIMETRIC PURPOSE	P. BAGDARE	UJJAIN, INDIA
O-49	EVALUATION OF SETUP UNCERTAINTIES AND CLINICAL TARGET VOLUME (CTV) TO PLANNING TARGET VOLUME (PTV) MARGIN FOR VARIOUS TUMOR SITES WITH VMAT TREATMENTS USING CBCT.	DILIP KUMAR RAY	KOLKATA, INDIA
O-50	RADIOTHERAPY WITH TELE-COBALT MACHINE- EFFICACY AND NEED FOR TISSUE COMPENSATION IN HEAD AND NECK TREATMENTS	RAMAMOORTHY RAVICHANDRAN	ASSAM, INDIA
O-51	EVALUATION OF CBCT AND 4DCT BASED PLANNING TARGET VOLUMES IN NON-SMALL CELL LUNG CARCINOMA AND ITS EFFECT ON CRITICAL STRUCTURE DOSES	SEBEERALI K	BANGALORE, INDIA
	Session XXIII:O52-O57 (2.30PM- 4.20PM) Hall A November 5, 2017		
O-52	DESIGN AND DEVELOPMENT OF MINIATURE PRIMARY STANDARD FOR AIR-KERMA MEASUREMENT OF LOW ENERGY SYNCHROTRON RADIATION	SUDHIR KUMAR	MUMBAI, INDIA
O-53	CHARACTERIZATION AND PERFORMANCE STUDY OF NEWLY DEVELOPED N- TYPE SKIN DIODE DOSIMETER FOR HIGH PHOTON ENERGY (6 & 18 MV) SKIN DOSIMETRY	ZAKIYA S. AL-RAHBI	AUSTRALIA
O-54	NANO KCL:SM3+ AS A NEW OPTICALLY STIMULATED LUMINESCENT PHOSPHOR	PRATIK KUMAR	NEW DELHI
O-55	DEVELOPMENT OF CRYOSTAT INTEGRATED TL/OSL READER FOR ITS APPLICATION IN RADIATION DOSIMETRY	ANUJ SONI	MUMBAI, INDIA
O-56	ENERGY DEPENDENCE OF NANODOT OSL DOSIMETERS TO LOW ENERGY X-RAYS USING MONTE CARLO SIMULATION CODE EGS5	VLE CRUZ	JAPAN
O-57	SYNTHESIS AND CHARACTERIZATION OF HO3+ DOPED HAFNIUM OXIDE TLD FOR RADIATION DOSIMETER.	NANDAKUMAR SEKAR	TAMILNADU,INDIA
	Session XXVII:O58-O68 (2.30PM- 4.20PM) Hall D November 5, 2017		
	PATIENT SPECIFIC QA ON CYBERKNIFE M6 ROBOTIC RADIOSURGERY SYSTEM USING IN-HOUSE FIDUCIAL BASED	R HOLLA	KOCHI, INDIA

	POLYSTYRENE PHANTOM		
O-59	NANODOTS, ALANINE, AND TLD100H DOSIMETERS INVESTIGATIONS AND ITS TREATMENT FOR STEREOTACTIC ABLATIVE RADIOTHERAPY PRE-TREATMENT VERIFICATION	N U ESEN	AUSTRALIA
O-60	INVESTIGATING POLARITY AND ION RECOMBINATION EFFECTS OF SIX IONIZATION CHAMBERS FOR SMALL RADIATION BEAM APERTURES	KJ MARIA DAS	LUCKNOW, INDIA
O-61	SMALL FIELD DOSIMETRY MEASUREMENTS	GANESAN RAMANATHAN	COIMBATORE, INDIA
O-62	PLANNING CONSIDERATIONS FOR UNFLAT BEAMS	SURESH BABU P	BANGLORE, INDIA
O-63	EVALUATION OF SYSTEM ACCURACY AND PTV MARGINS FOR SBRT IN LUNG AND LIVER USING NOVALIS TX ADAPTIVE GATING AND EXACTRACÂ® 6D SYSTEM	HIMANK KALRA	NEW DELHI, INDIA
O-64	EXPERIENCE IN IMPLEMENTING AND CONDUCTING THE AUSTRALASIAN COLLEGE OF PHYSICAL SCIENTISTS AND ENGINEERS IN MEDICINE (ACPSEM) RADIATION ONCOLOGY MEDICAL PHYSICS TRAINING EDUCATION AND ASSESSMENT PROGRAM (ROMP-TEAP) IN A REGIONAL AUSTRALIAN RADIOTHERAPY CENTER	AJEET MISHRA	AUSTRALIA
O-65	ESTIMATION OF EYE LENS EXPOSURE FROM WORKLOADS DURING INTERVENTIONAL PROCEDURES IN SOUTH AFRICA, TAKING MODIFYING FACTORS INTO ACCOUNT	M.A. SWEETLOVE	SOUTH AFRICA
O-66	CATARACT FINDINGS AMONG SOUTH AFRICAN INTERVENTIONALISTS	A. ROSE	SOUTH AFRICA
O-67	A PROSPECTIVE APPROACH OF QA IN RADIATION ONCOLOGY AND IMPLEMENTATION OF AAPM TG 100	AJEET MISHRA	AUSTRALIA
O-68	PERFORMING TG-142 QUALITY ASSURANCE PROCEDURES ON LINEAR ACCELERATORS USING PIPSPRO SOFTWARE	K.R.MURALIDHAR	TELANGANA, INDIA
Session XXXIV:O69 (9.00AM- 10.30AM) Hall B November 6, 2017			
O-69	THE APPLICATION OF TEXTURE ANALYSIS FOR DISCRIMINATION FATTY LIVER BY ULTRASOUND IMAGES	AKBAR GHARBALI	IRAN

*The activity/programme which are common to all will be organised in main hall Hall A.
*Tea break/Lunch will be served at a common place.

POSTER PRESENTATION SCHEDULE

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1	P1-P25 (Except P6, P8, P11, P18, P19, P25)*	Day 2:November 5 , 10.30AM-11.30AM
2	P26-P50	Day 2:November 5 , 11.30AM-12.30PM
3	P51-P75	Day 2:November 5 , 12.30PM-01.30PM
4	P76-P100	Day 2:November 5 , 03.00PM-04.00PM
5	P101-P125	Day 2:November 5 , 04.00PM-05.00PM
6	P126-P150	Day 3:November 6 , 10.30AM-11.30AM
7	P151-P175	Day 3:November 6 , 11.30AM-12.30PM
8	P176-P200	Day 3:November 6 , 12.30PM-01.30PM
9	P201-P225	Day 3:November 6 , 03.00PM-04.00PM
10	P226-All remaining	Day 3:November 6 , 04.00PM-05.00PM

* These posters are part of All remaining

LIST OF POSTER PRESENTATIONS

ID	TITLE OF ABSTRACT	PRESENTING AUTHOR	PLACE/ COUNTRY

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P 2	REDUCTION METHOD OF THE SKIN SURFACE DOSE IN MEGAVOLTAGE PHOTONRADIOTHERAPY	MASAKAZU OTSUKA	JAPAN
P 3	VERIFICATION OF IMRT TREATMENT USING FLUENCE MAP RECONSTRUCTED FROM VARIAN LINAC LOG FILES	HAFIZ MOHD ZIN	MALAYSIA
P 4	INVESTIGATION ON THE FEASIBILITY OF USING CBCT (CONE BEAM COMPUTED TOMOGRAPHY) AS A READOUT TOOL FOR NIPAM POLYMER GEL DOSIMETRY.	WINFRED MICHAEL RAJ	VELLORE, INDIA
P 5	GENERATION OF MAGNETIC RESONANCE IMAGE WITH TEETH RESTORATIONS FROM COMPUTED TOMOGRAPHY SEGMENTATION	MIN-YOUNG LEE	KOREA
P 6	THE EVALUATION OF GAMMA INDEX FOR EPID BASED PORTAL DOSIMETRY WITH PROCESS CAPABILITY ANALYSIS IN PATIENT-SPECIFIC VMAT QA	SAMJU CHO	KOREA
P 7	EVALUATION OF EBT3 FILM DOSIMETY USING DUAL-CHANNEL MERGED METHOD FOR STEREOTACTIC BODY RADIOTHERAPY QUALITY ASSURANCE	YONG-JIN KIM	KOREA
P 8	PHATOM DEVELOPMENT FOR DOSE AUDIT OF CARBON ION RAIDOTHERAPY CENTERS IN JAPAN	H. MIZUNO	JAPAN
P 9	COMPARING DOSIMETRIC PARAMETERS OF INTENSITY MODULATED RADIATION THERAPY (IMRT) AND VOLUMETRIC MODULATED ARC RADIATION THERAPY (VMAT) FOR STOMACH CANCER	SRUTHY P KUMAR	NEW DELHI, INDIA
P 10	STEREOTACTIC RADIOTHERAPY FOR PITUITARY ADENOMA: ROBOTIC VS RAPIDARC PLAN COMPARISON	T. K. BIJINA	BENGALURU, INDIA
P 11	DOSIMETRIC COMPARISON OF DOSE TO WATER AND DOSE TO MEDIUM PRESCRIPTION IN MONTE CARLO ALGORITHM FOR LUNG, PELVIS AND HEAD AND NECK CASES	RAMYA V	BENGALURU, INDIA
P 12	DESIGN AND DEVELOPMENT OF IN-HOUSE MULTICHANNEL APPLICATOR FOR HDR VAGINAL BRACHYTHERAPY AND DOSEIMETRIC COMPARISION WITH SINGLE CHANNEL APPLICATOR	G.KESAVAN	MADURAI, INDIA
P 13	STUDY THE EFFECT OF PELVIC HETEROGENEITIES ON RECTUM DOSE MEASUREMENTS INSIDE AN INDIGENOUSLY MAKE FEMALE PELVIC PHANTOM AND RANDO FEMALE PELVIC PHANTOM USING MOSFET DOSIMETERS	DEEPAK SHROTRIYA	KANPUR, INDIA
P 14	HDR BRACHYTHERAPY SOURCE CALIBRATION BY USING SOLID PHANTOM	DAVID	BIKANER, INDIA
P 15	DOSIMETRIC EFFECTS OF STEP SIZE OF COBALT-60 HDR SOURCE IN INTRA LUMINAL BRACHYTHERAPY	PAWAN KUMAR JANGID	UDAIPUR, INDIA
P 16	A REFERENCE STUDY OF DECTOR MATERIALS FOR BNCT - SPECT IMAGING: A SIMULATION STUDY	SUNMI KIM	JAPAN
P 17	DATA DRIVEN MOTION CORRECTION OF SPECT USING DEVELOPED ALGORITHM WITH PARTIAL RECONSTRUCTION	MD. NAHID HOSSAIN	BANGLADESH
P 18	PRACTICAL ASPECT OF DESIGN OF OPTICAL STIMULATION ASSEMBLY FOR MULTISAMPLE TL-OSL READER SYSTEM	L. PALIWAL	MUMBAI, INDIA
P 19	DEVELOPMENT OF IN-LINE HOLOGRAPHIC PHASE-CONTRAST IMAGING SYSTEM USING INDUSTRIAL X-RAY SYSTEM	DAISUKE SHIMAO	JAPAN
P 20	FOUR-DIMENSIONAL DIGITAL TOMOSYNTHESIS BASED ON VISUAL RESPIRATORY GUIDANCE	HYE JEONG YANG	KOREA
P 21	AN IN-VITRO STUDY TO DIAGNOSE AND DISTINGUISH BREAST AND LUNG CANCERS USING THE PCB TECHNOLOGY BASED NANODOSIMETER	P. VENKATRAMAN	COIMBATORE, INDIA
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P 23	DOSIMETRIC EFFECTS OF BRASS MESH BOLUS ON SKIN DOSE AND DOSE AT DEPTH FOR POSTMASTECTOMY CHEST WALL	ZAKIYA S. AL-RAHBI	AUSTRALIA

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P 25	INVESTIGATION OF RECONSTRUCTED FILTERS OF OPTICAL COMPUTED TOMOGRAPHY FOR POLYMER GEL DOSIMETER	H. KAWAMURA	JAPAN
P 26	EVALUATION OF DISPLACEMENTS FOR SET UP REPRODUCIBILITY IN LEFT SIDED BREAST CANCERS WITH PORTAL IMAGING AND DIGITALLY RECONSTRUCTED RADIOGRAPHS	DEBOLEENA MUKHERJEE	MUMBAI, INDIA
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P 28	DOSIMETRIC ANALYSIS OF PLAN QUALITY OF INTENSITY-MODULATED RADIATION THERAPY VERSUS RAPID ARC WITH BONE MARROW SPARING FOR CERVICAL CANCER	VUPPU SRINIVAS	HYDERABAD, INDIA
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P 30	COMPARISON OF RAPID ARC, HELICAL TOMOTHERAPY, SLIDING WINDOW IMRT AND CONFORMAL RT FOR CARCINOMA PROSTATE TREATMENT PLANNING	AMOL PAWAR	MUMBAI, INDIA
P 31	DOSIMETRIC COMPARISON FOR ACTIVE BREATHING COORDINATOR REDUCES RADIATION DOSE TO THE HEART AND LUNGS IN PATIENTS WITH LEFT BREAST CANCER USING VMAT TECHNIQUES.	PRABAGARAN C	JABALPUR, INDIA
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P 34	COMPARITIVE STUDY OF IMRT AND VMAT FOR CANCER OF MIDDLE THIRD OESOPHAGUS	SHAMBHAVI C	KARNATAKA, INDIA
P 35	DOSIMETRIC ADVANTAGES AND DISADVANTAGES OF JUNCTION FREE VMAT BASED CRANIOSPINAL IRRADIATION TECHNIQUE OVER THE 3DCRT TECHNIQUE	SANEG KRISHNANKUTTY	GURGAON, INDIA
P 36	INFLUENCE OF STATISTICAL UNCERTAINTY ON MONTE CARLO DOSE CALCULATION IN VOLUMETRIC MODULATED ARC THERAPY FOR GLIOBLASTOMA BRAIN TUMOR	P.MOHANDASS	MOHALI, INDIA
P 37	PLANNING COMPARISON BETWEEN DYNAMIC IMRT, SINGLE AND DUAL ARC VOLUMETRIC MODULATED ARC RADIOTHERAPY FOR HEAD AND NECK CARCINOMA USING A SIMULTANEOUS INTEGRATED BOOST TECHNIQUE.	PRABAGARAN C	JABALPUR, INDIA
P 38	INVESTIGATION OF EFFECT OF COLLIMATOR ANGLES ON DOSIMETRIC PARAMETERS IN DOUBLE-ARC VOLUMETRIC MODULATED ARC THERAPY OF HEAD AND NECK CANCER	SHEFALI PAHWA	SANGRUR, INDIA
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P 40	EVALUATION OF FFF BEAM IN HEAD AND NECK CANCER FOR RAPID ARC DELIVERY	SHAJU PILAKKAL	MUMBAI, INDIA
P 41	COMPARISION OF RADIATION TREATMENT PLANS FOR BREAST CANCER BETWEEN VMAT AND IMRT	JYOTHI N	KARNATAKA, INDIA
P 42	DOSIMETRIC IMPACT OF STATISTICAL UNCERTAINTY PER CONTROL POINT ON MONTE CARLO DOSE CALCULATION IN MONACO TPS VOLUMETRIC MODULATED ARC THERAPY FOR LUNG CANCER	P.MOHANDASS	MOHALI, INDIA
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P 44	A DOSIMETRIC FEASIBILITY STUDY ON FLAT AND UNFLAT BEAMS IN VMAT DELIVERY OF NASOPHARYNX CANCERS	S.MARUTHU PANDIAN	BAGALURU
P 45	IMPACT OF DIFFERENT COLLIMATOR ANGLES ON DOSIMETRIC OUTCOME OF RAPID-ARC PLANS	HEMANT UMBRANI	KARAD, INDIA
P 46	A DOSIMETRIC COMPARATIVE ANALYSIS OF TOMO-DIRECT 3DCRT AND CONVENTIONAL 3DCRT IN CASE OF LEFT-SIDED BREAST CANCER	PRIYA SAINI	MUMBAI, INDIA
P 47	HYBRID VMAT TECHNIQUE FOR POST-MASTECTOMY CHEST WALL IRRADIATION: A DOSIMETRIC COMPARISON AMONG DIFFERENT HYBRID VMAT PLANS.	BALAJI K	CHENNAI, INDIA
P 48	DOSIMETRIC EVALUATION OF VMAT WITH FF AND FFF PHOTON BEAM FOR LOCALISED CA PROSTATE	SARATH S NAIR	MANIPAL, INDIA
P 49	EVALUATION OF RAPID ARC PLAN WITH ANISOTROPIC ANALYTICAL ALGORITHM (AAA) AND ACUROS XB DOSE CALCULATION ALGORITHM (ABX) FOR HEAD AND NECK CANCERS: OUR EXPERIENCE	JANISH.K	KOZHIKODE, INDIA
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P 51	ASSESSMENT OF VOLUMETRIC MODULATED ARC THERAPY OPTIMIZATION STRATEGY FOR HYPOPHARYNGEAL CARCINOMA	N. SINGH	LUCKNOW, INDIA
P 52	LEFT BREAST IRRADIATION WITH TOMOTHERAPY: TOMODIRECT OR TOMOHELICAL? – A DOSIMETRIC ANALYSIS	JERRIN AMALRAJ	BANGALORE, INDIA
P 53	DOSIMETRIC COMPARISON OF FOUR DIFFERENT INTENSITY MODULATED RADIOTHERAPY TECHNIQUES IN CARCINOMA OESOPHAGUS	SOUMYA N M	THALASSERY, INDIA
P 54	DOSIMETRIC COMPARISON OF IMRT VERSUS 3DCRT FOR POST MASTECTOMY CHEST WALL IRRADIATION	KARTICK RASTOGI	JAIPUR, INDIA
P 55	ANALYSIS OF PHOTON BEAM SKIN DOSE FOR PHYSICAL AND ENHANCED DYNAMIC WEDGES FOR DIFFERENT FIELD SIZES FOR 6 MV & 15 MV PHOTONS	TITIKSHA VASUDEVA	CHANDIGARH, INDIA
P 56	UTILITY OF MANUAL SELECTION OF JAW PLACEMENT AND COLLIMATOR ROTATION IN THE RAPID-ARC PLANNING FOR LARGE VOLUMES WITH HDMLC	R C JAON BOS	KOCHI, INDIA
P 57	SYSTEMATIC AND DOSIMETRIC EVALUATION OF STATIC AND DYNAMIC CONFORMAL RADIOTHERAPY PLANS USING DIFFERENT OPTIMIZATION PARAMETERS.	RADHIKA JAIN	MOHALI, INDIA
P 58	EFFECT OF MULTICRITERIAL OPTIMISATION OPTION IN MONACO V5.0 TPS ON SERIAL AND PARALLEL ORGANS .	RAHUL PHANSEKAR	RAJKOT, INDIA
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P 60	TRACEABILITY OF DOSE BETWEEN TREATMENT PLANNING SYSTEM AND LINEAR ACCELERATOR FOR VARIOUS TREATMENT MODALITIES	DINCE FRANCIS	BANGLORE, INDIA
P 61	CRANIO SPINAL IRRADIATION TECHNIQUES: A DOSIMETRIC COMPARISION OF HELICAL TOMOTHERAPY WITH VOLUMETRIC MODULATED ARC THERAPY	SATHIYA SEELAN M	HYDERABAD, INDIA
P 62	DOSIMETRY VERIFICATION OF STEREOTACTIC BODY RADIATION THERAPY (SBRT) FOR HEPATOCELLULAR CARCINOMA (HCC) TREATMENT	R.P. SRIVASTAVA	BELGIUM
P 63	TUMOR AND CRITICAL ORGANÂ€™S DOSE ARISING FROM DIFFERENT RADIOTHERAPY TECHNIQUES APPLIED TO PAROTID GLAND; A COMPARISON BETWEEN CALCULATED AND MEASURED DOSE	ATEFEH VEJDANI NOGHREIYAN	IRAN
P 64	A TREATMENT PLANNING STUDY: STATISTICAL EVALUATION OF DYNAMIC AND STATIC IMRT TECHNIQUES	AMANDEEP KAUR	AMRITSAR, INDIA
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P 67	RADIATION SHIELDING APPLICATION OF LEAD GLASS	R. NATHURAM	MUMBAI, INDIA
P 68	SBRT OF KIDNEY – OUR INITIAL EXPERIENCE	R PHURAILATPAM	MUMBAI, INDIA
P 69	COMPARISON BETWEEN SINGLE AND DOUBLE VOLUMETRIC ARC THERAPY (VMAT) TECHNIQUE IN THE TREATMENT OF CERVIX AND BOT CANCER	AMIT SAINI	MUMBAI, INDIA
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