



Name	Country	Thesis title	Supervisor
Morris Brian Paul	Jamaica	The development of a Quality Assurance programme for two Elekta XVI Cone Beam Computed Tomography systems in Ospedale Maggiore, Trieste	Rosella Vidimari University Hospital of Trieste, Italy
Arslonova Shirin	Uzbekistan	Implementation of pediatric CSI with different VMAT techniques: treatment planning, robustness analysis and patient specific QA	Loris Menegotti, Francesco Ziglio Az. Provinciale per i servizi sanitari S.Chiara, Trento, Italy
Kirabo Nabankema Shamirah	Uganda	Single-isocenter VMAT-SRS for multiple brain metastases: Dosimetric impact of intra-fractional errors on the plan quality research	Anna Delana, Ziglio Francesco Az. Provinciale per i servizi sanitari S.Chiara, Trento, Italy
Floriàn Ché Eduardo José	Guatemala	Comparison between VMAT and IMRT techniques with FF and FFF beams for clinical evaluation in prostate and head & neck treatment plans	Stefania Cora Hospital San Bartolo, Vicenza, Italy
Beshah Abiy Tamiru	Ethiopia	Noise and Low Contrast Detectability of angiographic images with applied recursive filtration	Nicoletta Paruccini, Sabrina Morzenti San Gerardo Hospital, Monza, Italy
Othmann Maram Salem Khaleil	Palestine	Feasibility of a-Si EPID characteristic dosimetric response for VMAT/IMRT pre-treatment verification in FFx and FFFx treatment beams	Elena De Ponti, Gianluca Montanari San Gerardo Hospital, Monza, Italy
Aye Aye Thinn	Myanmar	Dosimetric comparison of LT sided-Breast treatment techniques and Gamma evaluation with Octavius phantom for VMAT plans	Riccardo Di Liberto Policlinico San Matteo, Pavia, Italy
Anberbir Andualem Hailye	Ethiopia	Dosimetric Quality Control of Elekta Synergy and Versa HD Linacs	Riccardo Di Liberto Policlinico San Matteo, Pavia, Italy
Hertsyk Volha	Belarus	Development and Implementation of Robotic Radiotherapy Quality Management Program: Technical Aspects	Luigi Spiazzi ASST Ospedale civile, Brescia, Italy
Scott Anthony St Aubyn	Jamaica	Assessment of standard fractionated Knowledge Based Planning models on SBRT prostate treatment plans: a feasibility and dosimetric evaluation	Marta Paiusco, Alessandro Scaggion Istituto Oncologico Veneto, Padova, Italy
Telila Alemayehu Debbo	Ethiopia	Quality Assurance of Dynamic MLC (DMLC)	Stefania Linsalata Azienda Ospedaliero Universitaria Pisana, Pisa, Italy



Noumbi Domgouo Annicette Ingrid	Cameroon	Comparison of dynamic arc treatment plans computed using flattened and unflattened 6MV beams	Alfredo Fuime Civil Hospital, Brescia, Italy
Luna Cambronero Joselin De Los Angeles	Costa Rica	Dosimetric Evaluation of Automated Optimization based on GPS for Prostate and Lymph Node VMAT Treatment Planning cases in RayStation	Valeria Landoni IRCSS Regina Elena National Cancer institute, Rome, Italy
Tiigi Kätilin	Estonia	Optimizing Varian Eclipse treatment planning system Acurus XB dose calculation algorithm for small fields defined by MLC	Carlo Cavedon, Alessio Pierelli, Paolo Maria Polloniato Azienda Ospedaliera integrata, Verona, Italy
Diarra Adama	Senegal	Evaluation DIBH treatment plans robusteness for the gating window optimization performed through optical surface control	Carlo Cavedon, Alessio Pierelli Azienda Ospedaliera integrata, Verona Italy
Hazou Eyakifama	Togo	Characterization of semiconductor diodes for in vivo dosimetry for Total Body Irradiation (TBI) using 6 MV X-rays at large SSD	Marco Parisotto Az. Ospedaliero Universitaria Ospedali riuniti, Ancona, Italy
Kevin Ulises Vega Mena	El Salvador	Clinical implementation of a single 6MV FF/FFF photon Monte Carlo model for multiple Elekta Versa HD LINAC	Gabrielle Guidi, Luigi Manco Az. Ospedaliero Universitaria, Modena, Italy
Silue Koubegnery Aly	Ivory Coast	Enhancing patient safety with automated log file analysis: evaluation of the PerFRACTION optical gamma criteria for patient specific VMAT QA	Gabriele Guidi, Francesca Itt, Victoria Gutierrez Az. Ospedaliero Universitaria, Modena, Italy
Kamfosi Allan	Malawi	Commissioning and Validation of the Monte Carlo Dose Calculation Engine of a Raystation Treatment Planning System	Gianfranco Loi University Hospital of Novara, Italy
Win Phyo Wai	Myanmar	TBI: Plan optimization for AP-PA sweeping arc static beams from simulation phantom to patient	Lidia Strigari Policlinico S. Orsola – Malpighi, Bologna, Italy
Panchi Maigualca Oscar Enrique	Ecuador	Automatic dosimetric verification of VMAT treatments using 6 MV and 6 MV FFF photon beams	Angelo Filippo Monti ASST Great Metropolitan Niguarda Hospital, Milano, Italy
Calderon Santamaria Juan Junior	Honduras	Automatic Treatment Planning for Modulated-Arc Total-Body Irradiation using Scripts and two image datasets	Lidia Strigari Policlinico S. Orsola – Malpighi, Bologna, Italy



UNIVERSITÀ
DEGLI STUDI
DI TRIESTE

Master of Advanced Studies in Medical Physics
7th cycle 2020-21



The Abdus Salam
International Centre
for Theoretical Physics

Benfetima Mohamed Ilyes	Algeria	Comparison of two detectors for patient specific quality assurance in stereotactic treatments	Paolo Colleoni Asst Papa Giovanni XXIII, Bergamo, Italy
Sangare Soumaila	Mali	Dose reproducibility in thoracic stereotactic body radiotherapy for treatments with active breathing control	Sara Fabbri, Francesca Calderoni Azienda Ospedaliero- Universitaria, Ferrara, Italy

Thesis (in pdf format) can be requested to the Secretary of the Master (mmp@ictp.it)