THURSDAY 12 APRIL, 2018

07:00 – 8:00  REGISTRATION

PRE-CongRESS WORKSHOP (ASRT)

08:00 – 9:30  Bonn Call to Action 2017 – ISRRT Global Assessment of Progress
09:30 – 9:45  Break
09:45 – 10:45  Radiation Protection in Medical Imaging: A Holistic Overview  
Speaker: Michael Latimer M.S.R.S., R.T., FASRT
10:45 – 11:45  Radiation Protection for Pediatric Imaging  
Speaker: Michael Odgren B.S., R.T., RPA
11:45 – 13:00  ASRT Sponsored Lunch
13:00 – 14:00  Radiation Safety in Radiation Therapy  
Speaker: Sandra Hayden M.A., R.T., FASRT
15:00 – 16:00  OPENING CEREMONY

HUTCHINSON LECTURE
Why Well Skilled Radiological Technologists And Radiographers Are Needed More Than Ever To Face Public Health Challenges  
Speaker: Dr. Pablo Jimenez, Pan American Health Organization (PAHO)

17:00 – 20:00  EXHIBITION OPENING & WELCOME RECEPTION

FRIDAY 13 APRIL, 2018

08:15 – 9:00  REGISTRATION

PLENARY SESSION
What Makes an Effective Leader  
Dr. Melissa Jackowski R.T. (R) (M), ASRT President Elect

9:30 -  10:00  TBA
10:00 - 10:30  Break
10:30 - 12:30  EDUCATION SEMINAR  
Chair(s):
ED1-1
The Development Of Critical Thinking In Diagnostic Radiography  
Aarthi Ramjal  
University of Hertfordshire, UK
ED1-2
The Use Of Digital Storytelling To Teach Evidence Based Breast Imaging To Radiography Students: Translating Reality Into Best Practice: A Case Study  
Cynthia Cowling  
Monash University, Australia
EDUCATION SEMINAR (Cont’d)

Chair(s):

11:10 Implementing The Flipped Classroom In Radiation Safety
Dr. Timmeri Cohen
Virginia Commonwealth University, Richmond, Virginia

11:30 Promotion Of Improved Standards Of Radiography Education Through Transition Management
Karen Finlay
Central Queensland University, Australia

11:50 Impact Of Augmented Reality Technology In Learning And Problem Solving In Medical Radiography Education
Meena Amlani, Sarah Ho
British Columbia Institute of Technology, Canada

12:10 Perceived Benefits of Near Peer Teaching and Learning with 2nd Year Radiography Students at Monash University
Lori Boyd
Monash University, Australia

12:30 – 13:30 LUNCH

13:30 – 15:00 QUALITY MANAGEMENT

Chair(s):

13:30 Establishing A Radiology Outpatient Clinic For Renal Tumor Biopsy Patients
Bo Mussmann
Odense University Hospital, Denmark

13:50 Using “Timeouts” To Promote Quality And Efficiency During Vascular Interventional Radiography Procedures
Craig St. George
American Society of Radiologic Technologists, USA

14:10 Transforming Radiology: Applying The LEADS Framework As A Change Management Tool To Achieve Results.
Nicole Dhanraj
Guam Memorial Hospital, United States

14:30 Radiologic Technologist Role in Trouble Shooting of Radiology Equipment
Subhash Chand Bansal
PGIMER, Sector 12, Chandigarh, India

15:00 – 15:30 BREAK
15:30 – 17:00  HEALTH & SAFETY  
Chair(s): 

15:30  
Using ETS To Prepare For Disaster  
David De Vries  
Erasmus MC University Medical Center Rotterdam, Netherlands  

15:50  
Patient As Observer: Practical Steps To Launching A Hand Hygiene Quality Assurance Program In The Medical Imaging Outpatient Setting  
Jean Nash  
University Health Network, Canada  

16:10  
Disaster Management In Radiology  
Lalit Kumar Gupta  
Institute of Medical Education & Research, India  

16:30  
Work Conditions Satisfaction of Radiology Employees “State Hospital Example”  
Nuran Akyurt  
Marmara University, Turkey  

10:30 -12:30  COMPUTED TOMOGRAPHY  
Chair(s): 

10:30  
Effects Of Radiations Caused By CT Scan And Preventive Measures  
Abdul Alim  
Arba Minch University, Ethiopia  

10:50  
Effective Dose And Cancer Risk Estimates From Diagnostic Computed Tomography Procedures In Jamaica  
Barrington Brevitt  
Apex Radiology, Jamaica  

11:10  
Radiation And Contrast Agent Doses Reductions By Using Low Tube Voltage In Multi-Slice Spiral Computed Tomographic Portography On Non-Obese Patients  
Hui Wang  
Tianjin Third Central Hospital, China  

11:30  
National Survey Of Computed Tomography Radiation Doses In Nigeria  
Idris Garba  
Nigeria  

11:50  
Radiation Dose Reduction In MDCT  
Lalit Kumar Gupta  
Institute of Medical Education & Research, India  

12:10  
Computed Tomography Scanner Availability And Dose Variability In Nigeria  
Thomas Adegbe  
Nnamdi Azikiwe University Teaching Hospital, Nigeria  

12:30 – 13:30  LUNCH
13:30 -15:00  COMPUTED TOMOGRAPHY

Chair(s):

13:30  Multi-Slice Spiral CT Portography In Diagnosing Portal Hypertension And Esophageal Varication
Hui Wang
Tianjin Third Central Hospital, China

13:50  Comparative Study: MR Perfusion Weighted Imaging And CT Perfusion Imaging In Assessment Of Hemodynamics Of Patients With Moyamoya Disease
Jinge Zhang
West China Hospital of Sichuan University, China

14:10  Applications Of Cone-Beam Computed Tomography (CBCT) In The Treatment Of Liver Lesions
Cheng Sun
Tianjin 3rd Central Hospital, China

14:30  Feasibility Study Of Non-Linear Image Blending Technique In Dual-Energy CT On Solitary Pulmonary Nodules
Tingni Song
West China Hospital, China

15:00 – 15:30  BREAK

15:30 – 17:00  GENERAL IMAGING  RM.2

Chair(s):

15:30  Balancing the Spine
Dr. Kimani White
EWMSC, Trinidad

15:50  Advances in Imaging of Acute Pulmonary Embolism
Mkusi Mamba
MBEYA, Tanzania

16:10  Unusual Nail Swallow in a Paediatric Case Study
Sophia Hemans
Korle Bu Teaching Hospital, Ghana

16:30  Chiropractic Radiography - Essential Expectations
Brendan Corr
Canadian Memorial Chiropractic College, Canada

10:30 -12:30  ULTRASOUND  RM.3

Chair(s):

10:30  SPINA BIFIDA: THE ROLE OF ULTRASOUND
Mildred Massaga
Msasani Peninsula Hospital, Tanzania

10:50  A Case Study: Diagnosis of Heterotopic Pregnancy in an Emergency Situation
Yonella Demans
Virginia Commonwealth University, Richmond, Virginia

20th International Society of Radiographers and Radiological Technologists, World Congress
April 12 – 15, 2018 • Hyatt Regency Trinidad, Wrightson Road, Port of Spain, Trinidad, W.I.
Website: www.isrrt2018.org.tt  Email: queries@isrrt2018.org.tt
### ULTRASOUND (Cont’d)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenter(s)</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:10</td>
<td>The Role Of Mobile Ultrasound To Expectant Mothers In Rural Setting: Pilot Survey Done In Elgeyo</td>
<td>Betty Chebet</td>
<td>Kericho County Referral Hospital, Kenya</td>
</tr>
<tr>
<td>11:30</td>
<td>Ultrasound Safety, Mechanisms Of Harm And Possible Side Effects</td>
<td>Peters Ehiwe</td>
<td>Scarborough General Hospital, Trinidad and Tobago</td>
</tr>
<tr>
<td>11:50</td>
<td>An Investigation Into Sonography Reporting Practices: A Comparison Of The UK Model With Other Parts Of The World</td>
<td>Vivien Gibbs, Hazel Edwards, Gill Harrison</td>
<td>University of the West of England, Bristol, United Kingdom</td>
</tr>
<tr>
<td>12:10</td>
<td>IS THAT IT – Techniques To Ensure The Post-MRI Breast Ultrasound Finding Accurately Correlates With The Area Of MRI Enhancement</td>
<td>Aruna Mahabir</td>
<td>University Health Network- Princess Margaret Cancer Centre, Canada</td>
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#### LUNCH

12:30 – 13:30

### RADIATION PROTECTION

<table>
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<tbody>
<tr>
<td>13:30</td>
<td>Roles Of miRNAs In The Damage And Repair Mechanisms Of X-Rays</td>
<td>Dong Liu</td>
<td>Tongji Hospital, Tongji Medical College, Huazhong University of Science &amp; Technology, China</td>
</tr>
<tr>
<td>13:50</td>
<td>Measurements Of Radiation Exposure Of Radiography Students During Their Clinical Training Using Thermoluminescent Dosimetry</td>
<td>Mohamed Abuzaid</td>
<td>University of Sharjah, UAE</td>
</tr>
<tr>
<td>14:10</td>
<td>Radiation Protection for Chest and Abdomen Radiography: What Is The Safe Distance?</td>
<td>Wei Yow Sim</td>
<td>Singapore General Hospital, Singapore</td>
</tr>
<tr>
<td>14:30</td>
<td>The Use Of Local Alternative Materials As Structural Shielding For Diagnostic Radiological Facilities</td>
<td>Schimze Sagon</td>
<td>University of Guyana, Guyana</td>
</tr>
</tbody>
</table>

#### BREAK

15:00 – 15:30
PROFESSIONAL DEVELOPMENT

15:30 - 17:00

15:30
Social Media: The Future Of Formal Professional Development For Medical Radiation Practitioners In Canada And Australia
Lori Boyd and Dr Celeste Lawson
Monash University Clayton Campus, Australia

15:50
Radiographer Perceptions Of Professionalism
Kevin Aas
Tartu University Hospital, Estonia

16:10
Core Competencies of Radiographers Working in Rural hospitals of Kwazulu-Natal South Africa
Mung’omba Bernard
Mosvold Hospital, South Africa

16:30
Emotional Intelligence: A Literature Review Of The Need To Increase Radiology Professionals’ Emotional Intelligence As A Method To Cope With Workplace Adversity
Nicole Dhanraj
Guam Memorial Hospital, Guam

10:30 - 12:30

RADIOThERAPY

10:30
Inter-Professional Work In Early Detection Of Breast Cancer: An Integrative Review
Bergliot Strøm
Western Norway University of Applied Sciences, Norway

10:50
Interdisciplinary Collaboration In Radiation Oncology
LeShell Palmer Jones
Cook-Devos Center for Health Sciences, United States

11:10
Australian And New Zealand Medical Radiations Research Network: Fostering Collaboration And Research Across A Rapidly Evolving Workforce
Nigel J Anderson
Principal Research Radiation Therapist, Australia

11:30
Professionalism in Radiation Therapy: What Should It Look Like?
Kristin Berry
Juravinski Cancer Centre - Radiation Therapy Department, Canada

11:50
The Alberta, Canada Ocular Brachytherapy Program. Utilizing Patient Feedback to Guide Improvement.
Wendy Read
Cross Cancer Institute Edmonton, Canada

12:10
Assessing the Quality of Life of Breast Cancer Patients’ undergoing Treatment at the National Radiotherapy Center, Accra. Ghana
Samuel Opoku
University of Ghana, Ghana

12:30 – 13:30
LUNCH
ADVANCED PRACTICE

Chair(s):

13:30
A New Model For Image Interpretation Training? Early Outcomes From An Academy Pilot
Bev Snaith
University of Bradford, UK

13:50
Evidence Based Practice: A Survey To Establish Factors That Influence Its Use Within Radiographers' Professional Practice In Uganda
Dorothy Irene Nalweyiso
Mulago National Referral Hospital, Uganda

14:10
Status And Development Of Advanced Practice For Radiographers In Norway
Haakon Hjemly
The Norwegian Society of Radiographers, Norway

14:30
Engage And Participate: A Practice Council For Medical Imaging Professions
Jean Nash presenting Harinder Grewal
Mount Sinai Hospital, Canada

15:00 – 15:30 BREAK

RADIOTherAPY

Chair(s):

15:30
Differentiation Of Types Of Breast Cancer On Mammogram Using Artificial Neural Network (ANN)
Sundaran Kada
Western Norway University of Applied Sciences, Norway

15:50
Application Of An External Interception Device To Enhance Radiation Therapy Beam Delivery To Target Sites
Kushnanan Harnarine
Anamayah Memorial Hospital, Guyana

16:10
An Evaluation Into The Effectiveness Of The Structural Radiation Shielding Barriers Of A Radiation Therapy Facility In Guyana
Parmeshwarie Seodat
Cancer Institute of Guyana, Guyana

16:30
Radioactive Seed Localization Is The Preferred Technique In Nonpalpable Breast Cancer Compared With Wire-Guided Localization
Yun Li
Ji Nana, China

16:50
Presentation Trends of Cervical Cancer Patients: A Case Study Of A Radiotherapy Centre In Zimbabwe
Polite Mukwada
National University Of Science And Technology, Zimbabwe
10:30 - 12:30  
**MRI**  
Chair(s):  

10:30  
**Eight Year Interim Results Of A 20-Year Observational Study Of Transrectally Delivered, MRI-Guided Laser Interstitial Thermal Therapy Of Prostate Cancer In An Outpatient Setting**  
Bernadette Greenwood  
Desert Medical Imaging, USA  

10:50  
**Readout-Segmented Echo-Planar Diffusion-Weighted MR For Evaluating Aggressive Characteristics Of Rectal Cancer**  
Xia Chunchao  
Chengdu, China  

11:10  
**Language And Motor Network Mapping Using Functional MRI In Patients With Brain Tumor**  
Venkatarama Nagpa Gurumurthy  
National Institute Of Mental Health And Neuroscience, India  

11:30  
**Interest Of MRI In The Diagnosis Of Osteo-Articular Pathologies At General Hospital DOUALA**  
Nwedjiwe Nana Narcisse  
Hospital General de Douala, Cameroon  

11:50  
**Early Evaluation on Left Ventricular Remodeling in Patients with Type 2 Diabetes Mellitus Using MR Tissue Tracking**  
Yuming Li  
West China Hospital, China  

12:10  
**Normal Patterns of Left Ventricular Longitudinal Strain of Young Adults on MRI**  
Xiaojing Zhang for Menglu Li  
Chinese PLA General Hospital, China  

12:30 – 13:30  
**LUNCH**  

13:30 - 15:00  
**DENTAL RADIOGRAPHY**  
Chair(s):  

13:30  
**Enforced Conversion, Pioneers The Way For Digital Imaging Into A Dental School New Clinical Services Build**  
Diane Campbell  
University of Otago, New Zealand  

13:50  
**Assessment Of Radiographic Changes In TMJ Of Patients Diagnosed With Rheumatoid Arthritis Using Digital Panoramic Radiographs**  
Dr S. Deepika Swetha  
Renuka Dental Clinic, India  
Sri Lanka  

14:10  
**Patients’ Perception Of Dental Radiation In Trinidad And Tobago**  
Dr. Alana Bissoon  
School of Dentistry, The University of the West Indies, Trinidad and Tobago  

15:00 – 15:30  
**BREAK**
RADIATION PROTECTION

15:30 -17:00

Chair(s):

15:30 Assessment Of Occupational Radiation Doses For Medical Workers Based On Job Categories In United Arab Emirates
Wiam Elshami
University of Sharjah, UAE

Patient Dose Audit Using Conventional And Interventional Radiography
Kishaan Persad
University of Guyana, Guyana

16:10 Developing National Referral Guideline And Ordering Pattern For Radionuclide Bone Scan In Nuclear Medicine; A Tool For Justification Of Practice
Musa Dambele
Bayero University Kano, Nigeria

16:30 Basic Dose Optimisation Techniques During Radiographic Procedures
Mariam Kiwalabye Nabwegamo
St. Francis Naggalama Hospital, Uganda

MULTIMODALITY

10:30 -12:30

Chair(s):

10:30 Relevant Factors And Practical Aspects In The Management Of PET/CT Facility While Receiving FDG From A Distant Supplier
Muhammad Waleed Asfandyar
Sindh Institute of Urology and Transplantation, Pakistan

Interesting Cath Lab Case- Permanent IVC Filter Removal
David Richards
Caribbean Heart Care, Trinidad and Tobago

11:10 Role Of F-18-FDG PET-CT Scan In Hodgkin's And Non-Hodgkin's Lymphoma; Comparison Between Deauville Criteria And ΔSUVmax.
Yusra Aijaz
Nuclear Medicine Technologist, Pakistan

11:30 Frameless Stereotactic Radio Surgery (SRS/FSRS) Treatment Technique And Evaluation Of Set Up Errors
Rakesh Kaul
Max Cancer Center, India

11:50 Spontaneous / Catamenial Pneumothorax Due To Thoracic Endometriosis Syndrome: A Case Series
Dr. Fidel Rampersad
UWI Med Sci DM Radiology, Trinidad & Tobago

LUNCH
COMPUTED TOMOGRAPHY

Chair(s):

15:30

Digital Training Platform For Chest Image Interpretation: An RCT
Laura McLaughlin
Ulster University, Ireland

15:50

Enhancing Radiographer Threshold CT Competencies Through Clinical Simulation
Maryann Hardy
University of Bradford, UK

16:10

Application Of Adaptive Statistical Iterative Reconstruction In Combination With Noise Index In The Chest Computed Tomography Examination Of Pre-School Age Children
Shilong Tang
Children’s Hospital of Chongqing Medical, China

16:30

Drop-In CT For Intensive Care Patients
Kim Storm Rasmussen
Odense University Hospital, Denmark
SATURDAY 14 APRIL, 2018

08:15 – 9:00 REGISTRATION

08:30 – 9:30 PLENARY SESSION
From Radiographer To Teacher: Brains, Courage And Heart In Professional Borderlands
Professor Bobby Harreveld PhD, MEd, BEd, Dip Tch, Dip T&AS, CQ University

9:30 - 10:00 Panel Discussions From Various Countries: From Radiographer To Teacher
Professor Bobby Harreveld, Ms. Wilma Collins, Chris Steelman, Karen Finlay, Napapong Pongnapan

10:00 - 10:30 Break

10:30 -12:30 GENERAL IMAGING       RM.1
Chair(s):

10:30 Advances In Radiation In Guyana: Academic And Regulatory Perspectives
Petal Surujpaul
Georgetown Public Hospital Corporation, Guyana

10:50 Attitude And Perception Of Radiographers And Radiography Students Towards Clinical Placement In Some Tertiary Hospitals In Nigeria
Dr. Mark C. Okeji
University of Nigeria Enugu Campus, Nigeria

11:10 Overview Of Education, Licensing And Practice Of Imaging Sciences In Latin America
Jose Rafael Moscoso-Alvarez
Universidad Central del Caribe, Puerto Rico

11:30 The “Doves” Among Radiography Examiners In The Inaugural Clinical Radiography Examination In Singapore
Chong Chun Meng
Tan Tock Seng Hospital, Singapore

11:50 Evaluation Of Attitude Towards Studying Radiography In Tanzania
Veronica Maria Rwegasira
Computech Limited, Tanzania

12:10 Trends That Have Influenced The Swedish Radiography Profession Over The Last Four Years
Bodil Andersson
Lund University, Sweden

12:30 – 13:30 LUNCH

13:30 -15:00 WE CARE          RM.1
Chair(s):

13:30 Because We Care
Cheryl Turner
ZDi Solutions, LLC, USA

13:50 Ethics Presentations At CPD Events: Do We Care About The Patient?
Hesta Friedrich-Nel
Central University of Technology, South Africa
13:30 - 15:00     WE CARE (Cont’d)

    Chair(s):

14:10        Accreditation - Because 'We Care'
              Venice Gill
              Queen Elizabeth Hospital, Barbados

14:30        Enhancing Occupational Health And Safety-
              (We Care More When We Care For Ourselves)
              A Study Of Incidence Of Workplace Injury Among Ghanaian Radiographers
              Yahans De-Heer
              La General Hospital, Ghana

15:00 – 15:30  BREAK

15:30 - 17:00  WORKSHOP

    Chair(s):

15:30        The Paradox Of The Radiographer: Who, What And Where Are We?
              Cynthia Cowling, Susan Ward
              Monash University, Australia

10:30 - 12:30  QUALITY MANAGEMENT

    Chair(s):

10:30        Inefficiency Diagnosis To Pediatric Imaging Radiation Services In Tanzania
              Madvan Nestory Rwegasira
              Radiographer, Arusha, Tanzania

10:50        Analysis Of Radiology Examination Request Forms From Four Hospitals
              In Dar es Salaam, Tanzania
              Stephen Samson Mkoloma
              Ocean Road Cancer Institute, Tanzania

11:10        Study Of Factors Affecting Service Quality Of Main Radiology Department Of
              The National Hospital Of Sri Lanka
              Vitharana Gamage Wimalasena
              National Hospital of Sri Lanka, Sri Lanka

11:30        Delay Of Reporting Of Film In The Radiology Department
              Jalila Keens Douglas
              COSTAAT, Trinidad & Tobago

11:50        Musculoskeletal Injuries Among Radiographers in Trinidad and Tobago
              Jendayi Tull
              COSTAAT, Trinidad & Tobago

12:10        Using The 5S Methodology To Improve Quality And Efficiency In The Vascular
              Interventional Radiography Department
              Craig St. George
              American Society of Radiologic Technologists, USA

12:30 – 13:30  LUNCH
Apr 14th Cont’d

13:30 - 15:00  COMPUTED TOMOGRAPHY  
Chair(s):

13:30  
The Hidden Burden: Abdominal Pelvic Computed Tomography Scan Signals A High Burden Of Cancers In Western Uganda  
CT4-1  
Sam Ali  
UMC Victoria Hospital Bukoto, Uganda

13:50  
The Effectiveness Of Percutaneous Chemotherapeutic Drugs Injection Under Cone-Beam Computed Tomography With Overly Technique After The Conventional Transcatheter Arterial Chemoembolization  
CT4-2  
Cheng Sun  
Tianjin 3rd Central Hospital, China

14:10  
The Study On The Personalized Scanning Protocol Of Low-Dose Contrast Media With The Third-Generation Dual-Source CT For Coronary Computed Tomography Angiography  
CT4-3  
Jianbo Gao  
The First Affiliated Hospital Of Zhengzhou University, China

14:30  
Low-Dose CT Of The Patients With 80kv Coronary Angiography Bypass Grafts Using Iterative Model Reconstruction: Evaluation Of Image Quality And Radiation Dose Reduction  
CT4-4  
Luo Chuncai  
PLA General Hospital, China

15:00 – 15:30  BREAK

15:30 - 17:00  COMPUTED TOMOGRAPHY I  
Chair(s):

15:30  
Optimisation In Abdominal CT: Comparison Of Image Quality Between Filtered Back Projection And A Model-Based Iterative Reconstruction.  
CT5-1  
Bharti Kataria  
Department of Medical & Health Sciences, Linköping University, Sweden

15:50  
Aneurysm Clips In CT Caput Imaging: The Influence Of Different Scan And Reconstruction Techniques On Metal Artifacts  
CT5-2  
Vanja Harsaker  
Oslo and Akershus University College of Applied Sciences, Norway

16:10  
Analysis Of Influence Factors Of Streak Artifacts In The Neck CT  
CT5-3  
Li Danni  
Beijing Cancer Hospital, China

16:30  
Comparing The Contrast Enhancement Of Head & Neck CT Angiogram From The Left And Right Elbow Intravenous Contrast Injection.  
CT5-4  
Edward Chan  
The University of Hong Kong Shenzhen Hospital, Hong Kong
### ADVANCED PRACTICE

**Chair(s):**

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<tr>
<td>10:30</td>
<td>Implementing Advanced Practice: An Exploration Of The Clinical Enablers</td>
<td>Maryann Hardy</td>
<td>University of Bradford, UK</td>
</tr>
<tr>
<td>10:50</td>
<td>Introduction Of Reporting Radiographers In A Danish Department Of Radiology - Professional Role Development, Management And Perspectives</td>
<td>Pica Andersen</td>
<td>Hospital Little Belt, Kolding, Denmark</td>
</tr>
<tr>
<td>11:10</td>
<td>Advanced Practice Coordinator- Emerging Practice In Radiology</td>
<td>Sean Richardson</td>
<td>William Osler Health System; Humber River Hospital &amp; University of Liverpool, Canada</td>
</tr>
<tr>
<td>11:30</td>
<td>Awareness And Use Of Diagnostic Reference Levels In Radiography: A Snapshot Of Practice Across Europe</td>
<td>Sonyia Mc Fadden</td>
<td>Ulster University, Ireland</td>
</tr>
<tr>
<td>11:50</td>
<td>How To Visualize The Lung Fields In Patients Treated With The LUCAS Chest Compression Device</td>
<td>Bo Mussman</td>
<td>Odense University Hospital, Denmark</td>
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12:30 – 13:30 **LUNCH**

### RADIATION PROTECTION

**Chair(s):**

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<td>Awareness And Knowledge Of Radiation Dose And Associated Risks Among Final Year Medical Students In Norway</td>
<td>Sundaran Kada</td>
<td>Western Norway University of Applied Sciences, Norway</td>
</tr>
<tr>
<td>13:50</td>
<td>Radiation Protection - Knowledge And Behavior Of Radiology Technicians</td>
<td>Nuran Akyurt</td>
<td>Marmara University, Turkey</td>
</tr>
<tr>
<td>14:10</td>
<td>The Relationship Of Radiographic Techniques And Digital Radiography Exposure Index</td>
<td>Zhen Ong</td>
<td>Singapore General Hospital, Singapore</td>
</tr>
<tr>
<td>14:30</td>
<td>Awareness On Ionizing Radiation Among Non Radiation Healthcare Workers At A Teaching And Referral Hospital</td>
<td>Caesar Barare</td>
<td>Kenyatta National Hospital, Nigeria</td>
</tr>
</tbody>
</table>

15:00 – 15:30 **BREAK**
15:30 -17:00    COMPUTED TOMOGRAPHY II

Chair(s):

15:30    Volumetric Analysis Of The Lateral Cerebral Ventricles Using A Stereological Method On Normal Ct Images In Kano, Nigeria
Mohammed Abba
Bayero University, Nigeria
15:50    Gender Estimation By Means Of Quantitative Measurements Of Foramen Magnum; An Analysis Of CT Head Images.
Thilini Hathurusinghe
MDK Health Care Center & Hospital-Horana, Sri Lanka
16:10    STORIES FROM THE FRONTLINE: Identifying Challenges And Solutions For Improper CT Colonography Patient Preparation Using A Case Study Approach
Tracy Wakeford
Mount Sinai Hospital, Canada
16:30    The Use Of MIYABI Angio-CT For Diagnosis And Treatment Of Lower Gastrointestinal Bleeding Commonly Seen In Emergency
Wei-YaoKao
Veterans General Hospital Taipei, Taiwan

10:30 -12:30    RADIOTHERAPY

Chair(s):

10:30    Evaluating Secondary Thyroid Dose In Total Breast Irradiation
Melanie Dempsey
Virginia Commonwealth University, USA
10:50    The Role Of Radiation In Stereotactic Body Radiotherapy (SBRT) Spine And Evaluation Of Set Up Errors
Rakesh Kaul
Max Cancer Center, India
11:10    Surface Monitoring In Treating DIBH For Lt Sided Breast Cancer Using AlignRT And Humediq Surface Monitoring Systems
Amy Cabanilla
Huntsman Cancer Hospital, Utah, USA
11:30    Augmenting A Radiation Therapist Research Culture Across A Multi-Campus Service
Nigel J Anderson
Principal Research Radiation Therapist, Australia
11:50    Barriers In Voluntary Error Reporting In Radiotherapy: A Case Of An Oncology Centre In Botswana
Sindiso Nleya
National University Of Science And Technology, Zimbabwe
12:10    The Quest For Excellence in Radiation Therapy Education: The Effectiveness Of Patient Education In A Classroom Setting
Marcia Smoke
Juravinski Cancer Centre - Radiation Therapy Department, Canada

12:30 – 13:30    LUNCH
20th IRRT World Congress 2018

Website: www.isrrt2018.org.tt Email: queries@isrrt2018.org.tt

Apr 14th Cont’d

13:30 -15:00 GENERAL IMAGING
Chair(s):

13:30  Position Of Radiographers In Quality Control Programmes In Tanzania
Stephen Samson Mkoloma
Ocean Road Cancer Institute, Tanzania
13:50  From An Osteoarthritic Knee And Hip, To The Conformis CT Protocol To The Customized Knee Implant
Didier Nussbaumer
ConforMIS, Inc, USA
14:10  Bauman’s Angle: A Relevant Tool In The Radiological Assessment Of Bone Alignment In Reduced Supracondylar Fracture Of The Humerus In Children
Elizabeth Balogun
National Orthopedic Hospital, Nigeria
14:30  Renal Resistive Index Values Among Patients With Hydronephrosis In Zimbabwe
Bigboy Tendai Rakata
National University of Science and Technology, Zimbabwe

15:00 – 15:30 BREAK

15:30 -17:00 RADIOTHERAPY
Chair(s):

15:30  Predicting Feeding Tube Needs In Head And Neck Radiotherapy Patients: Independently Validating A Feeding Tube Prognostic Tool
Nigel J Anderson
Principal Research Radiation Therapist, Australia
15:50  Quantification Of Inter- And Intra-Fraction Positioning Errors In Patients Of Hepato Cellular Carcinoma With Portal Vein Tumor Thrombosis Treated With Linac Based SBRT Using Active Breath Co-Ordinator System
Teekendra Singh, Dr. T. Kataria, Dr. K. Narang
Medanta- The Medicity, India
16:10  Optimization Of Radiation Exposure To The Eye Lens In Stereotactic Radiosurgery
Kohei Kawasaki
Chiba Cerebral and Cardiovascular Center, Japan
16:30  Dosimetric Comparison Of Ls Sided Breast Cancer Radiotherapy Between Self-Held Respiration Monitoring Device (SHRMD) For Deep Inspiration Breath Hold (DIBH) And Free Breathing (FB)
Yin Ping Ng
Hong Kong Sanatorium & Hospital, Hong Kong
10:30 - 12:30  GENERAL IMAGING

Chair(s):

10:30  Gen Y-ers Are Taking Over The Clinic - Are You Ready?
Scott Green
Grand Valley State University, USA
10:50  Digital Imaging & Social "What Happens In The Hospital Doesn't Always Stay In The Hospital"
Tosca Bridges Taylor
John Muir Health, USA
11:10  Smartphone Use In Healthcare Facilities: A Review Of The Literature On Benefits And Associated Risks
Lori Boyd and Dr. Celeste Lawson
Monash University, Australia
11:30  Technological Innovation - Friend Or Foe? What If We Did Nothing At All?
Elen Moyo
University Health Network, Canada
11:50  Health Care Technology Today: A Living And Breathing Ecosystem
Stacy de Gale
Petrotrin, Pointe-a-Pierre, Trinidad & Tobago
12:10  Evidence Based Practice Utilizing Journal Clubs
Amanda Bolderston
BC Cancer Agency, Canada

12:30 – 13:30  LUNCH

13:30 -15:00  MRI

Chair(s):

13:30  Visually AcceSAble Rembrandt Images Assessment features predict GBM recurrence patterns
Du Xuesong Zhang Weiguo
The Third Military Medical University, China
13:50  Adolescent Chronic Fluoxetine Exposure Enhances White Matter Integrity In Adulthood: A DTI Study
Hao Wu
Department of Radiology, Daping Hospital, The Third Military Medical University, China
14:10  T1 MR Venography (MRV) For The Diagnosis Of Abdominal/Pelvic/Lower-Limb Deep Venous Thromboses (DVT) Compared With Doppler Ultrasound (DUS)
Qing Fu
Huazhong University of Science and Technology, China

15:00 – 15:30  BREAK
15:30 - 17:00  
**IMAGING INFORMATICS**  
Chair(s):  

15:30  
*From Analogy Imaging To Improvised Teleradiology*
Adam Francis Zuberi  
Muhimbili University Of Health And Allied Science, Tanzania

15:50  
*Zimbabwe Government Hospitals Radiology Data Management Nightmare!*
Louise Tapera Chihota  
Mpilo Central Hospital, Zimbabwe

16:10  
*How Can Cloud-Based RIS / PACS Revolutionise Patient Care?*
Dr. Jamaal Brown  
Consultant Radiologist, VEpRO, Trinidad & Tobago

16:30  
*Anomalous Coronary Arteries – An Incidental Find*
David Richards  
Trinidad & Tobago

10:30 - 12:30  
**COMPUTED TOMOGRAPHY**  
Chair(s):  

10:30  
*Review Of ALARA Practice In Managing Patient Dose In CT Abdominal Examination At KNH*
Catherine Muchuki  
Kenyatta National Hospital, Kenya

10:50  
*Shielding In CT – An Update For 2018*
Daniel DeMaio  
University of Hartford, USA

11:10  
*Emphasizing Radiation Safety Culture In Pediatric CT Imaging*
Ruth Mwangi  
Moi Teaching And Referral Hospital, Kenya

11:30  
*Diagnostic Reference Levels In Routine Adult And Paediatric Computed Tomography Examinations: A Systematic Review*
Idris Garba  
Bayero University Kano State, Nigeria

11:50  
*Technological Profile Of Equipment And Status Of Scano-Graphic Practice In French-Speaking Countries In Africa: Case Of Cameroon, Ivory Coast And Togo*
Dogbevi Aziagba  
Radiological Technologist, Lome, Togo

12:10  
*Do Nigerian Radiographers Use Computed Tomography Protocols For Adults And Paediatrics?*
Thomas Adejoh  
Nnamdi Azikiwe University Teaching Hospital, Nigeria

12:30 – 13:30  
LUNCH
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Room</th>
<th>Location</th>
<th>Abstract Title</th>
<th>Speaker(s)</th>
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</thead>
<tbody>
<tr>
<td>13:30</td>
<td>ULTRASOUND</td>
<td>RM.6</td>
<td></td>
<td>Role Of Neck Ultrasound And Tc-99m Sestamibi Scintigraphy In Patients With Hyperparathyroidism Due To Chronic Kidney Disease</td>
<td>Yusra Aijaz, Nuclear Medicine Technologist, Pakistan</td>
</tr>
<tr>
<td>13:30</td>
<td>ULTRASOUND</td>
<td></td>
<td></td>
<td>SOLVING THE CHALLENGES OF TECHNICALLY DIFFICULT STEREOTACTIC IMAGE-GUIDED BREAST BIOPSIES: LESSONS FROM THE FRONTLINE</td>
<td>Aruna Mahabir, University Health Network- Princess Margaret Cancer Centre, Canada</td>
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<tr>
<td>14:10</td>
<td>ULTRASOUND</td>
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<td>FIELD STUDY OF SCHISTOSOMIASIS MANSONI CLASSIFICATION USING ULTRASOUND CLASSIFICATION USING ULTRASOUND MACHINE</td>
<td>Hilda Kadzo, Kenyatta National Hospital, Kenya</td>
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<td>15:00</td>
<td>BREAK</td>
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<tr>
<td>15:30</td>
<td>MRI</td>
<td>RM.6</td>
<td></td>
<td>Robustness Of Multi-Parametric And Multi-Regional MRI Derived Radiomics Features In GBM</td>
<td>Du Xuesong Zhang Weiguo, The Third Military Medical University, China</td>
</tr>
<tr>
<td>15:30</td>
<td>MRI</td>
<td></td>
<td></td>
<td>APPLICATION OF UP-CONVERSION NANOPARTICLES IN CT AND MRI ENHANCEMENT SCAN</td>
<td>Dong Liu, Tongji Hospital, Tongji Medical College, Huazhong University of Science &amp; Technology, China</td>
</tr>
<tr>
<td>15:50</td>
<td>MRI</td>
<td></td>
<td></td>
<td>CONSISTENCY STUDY OF 3D-ASL AND DSC-PWI IN ASSESSMENT OF HEMODYNAMICS OF PATIENTS WITH MOYAMOYA DISEASE</td>
<td>Jinge Zhang, West China Hospital, China</td>
</tr>
<tr>
<td>16:10</td>
<td>MRI</td>
<td></td>
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<td>TIME-OF-FLIGHT MAGNETIC RESONANCE ANGIOGRAPHY WITH SPARSE UNDERSAMPLING OF UNRUPTURED INTRACRANIAL ANEURYSMS AT 3.0T: COMPARISON WITH DIGITAL SUBTRACTION ANGIOGRAPHY</td>
<td>Xia Chunchao, Chengdu, China</td>
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<tr>
<td>16:30</td>
<td>MRI</td>
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</table>
SUNDAY 15 APRIL, 2018

08:15 – 9:00
REGISTRATION

08:30 – 9:30
PLENARY SESSION

Imaging in Radiation Therapy: A blend of Science and Art
Dr. Dylan Narinesingh MBBS, MMed, FCRadOnc, Executive Medical Director NWRHA, Trinidad

9:30 - 10:00
Strengthening of Safety Culture in Radiotherapy through the use of incident learning systems from the IAEA perspective
Maria Law, ISRRT, Director of Education

10:00 - 10:30
Break

10:30 -12:30
MAMMOGRAPHY

Chair(s):

10:30
Optimized Choice Of Target/Filter Combination In Digital Mammography
Yun Li
Ji Nana, China

10:50
Radiation Dose Comparison Between Film-Screen And Digital Mammography Systems: A Literature Review
Bashir Shafiu Hussain
Bayero University Kano, Nigeria

11:10
Challenges In Mammography Education And Training Today: The Perspectives Of Radiography Teachers/Mentors And Students In Five European Countries
Bergliot Strøm
Western Norway University of Applied Sciences, Norway

11:30
A Self-Directed Learning Intervention For Radiographer Rating Mammography Breast Density
Evelyn Wasike
Kenyatta National Hospital, Kenya

11:50
Image Quality And Patient Radiation Dose In Mammography At A Major Nepali Hospital
Ganesh Bahadur Pokharel
National Academy of Health Sciences, India

12:10
Perceptions Of Breast Cancer And Utilization Of Mammography In Ghana
Terry Konn-Karangwa
Brookdale College, USA

12:30 – 13:30
LUNCH
10:30 - 12:30    COMPUTED TOMOGRAPHY  
Chair(s):

10:30  One-Stop Examination For Coronary CTA And Multiphase Contrast-Enhanced Upper-Abdominal Scan On The 16cm Wide-Detector Revolution CT: Feasibility Study  
Jinge Zhang  
West China Hospital of Sichuan University, China  
CT8-1

10:50  Angio CT With 80 Kev  
Francesc Xavier Ramon  
Idi Tarragona, Hospital Joan XXIII, Nigeria  
CT8-2

11:10  Contrast Medium Optimization For Low Dose By Prospective ECG-Triggering Coronary CT Angiography Using 256-MDCT  
Jie Liu  
The First Affiliated Hospital of Zhengzhou University, China  
CT8-3

11:30  Variations In Renal Vasculature: A CT Angiography Case Study At A Private Centre  
Simbarashe Gashirai  
National University of Science and Technology, Zimbabwe  
CT8-4

11:50  Hemodynamic Changes In Patients With Ecmo Demonstrated By Contrast Enhanced CT- Implication For Image Acquisition Technique  
Nithiya Jayamani  
Singapore General Hospital, Singapore  
CT8-5

12:10  Coronary CT 3D Post-Processing Standardization And The Construction Of Digital Teaching Platform  
Luo Chuncai  
PLA General Hospital, China  
CT8-6

12:30 – 13:30  LUNCH

10:30 - 12:30    ADVANCED PRACTICE  
Chair(s):

10:30  Developing Evidence Based Practice: Experiences From The SEPPRAID Project  
Bev Snaith  
University of Bradford, USA  
AP3-1

10:50  Diagnostic Imaging And Physical Therapy  
Stacy de Gale  
Petrotrin, Pointe-a-Pierre, Trinidad & Tobago  
AP3-2

11:10  Ancient Aliens, The Leadership Gene And Leadership In Radiography  
Scott Green & Kellie Mc Pherson  
Grand Valley State University, USA  
AP3-3

11:30  A Training Module On Using Humour: An Innovative Healthcare Humanization Of The Radiographer's Practice  
Etienne Cordier  
Grenoble Alpes University, France  
AP3-4

11:50  Interprofessional Collaboration About Patient Safety In Medical Imaging-Preliminary Results  
Lise-Lott Lundvall  
University Hospital Linkoping, Sweden  
AP3-5
### ADVANCED PRACTICE (Cont'd)  
**Chair(s):**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
<th>Venue</th>
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<tbody>
<tr>
<td>10:30</td>
<td>ADVANCED PRACTICE</td>
<td>RM.3</td>
<td></td>
</tr>
<tr>
<td>12:10</td>
<td>An Analysis Of The Role Of The Medical Dosimetry Educator</td>
<td>AP3-6</td>
<td>LeShell Palmer Jones, Cook-Devos Center for Health Sciences, USA</td>
</tr>
<tr>
<td>12:30</td>
<td>LUNCH</td>
<td>RM.4</td>
<td></td>
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<tr>
<td>13:30</td>
<td>CLOSING CEREMONY</td>
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### RADIOTHERAPY  
**Chair(s):**

<table>
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<th>Time</th>
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<th>Venue</th>
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<tbody>
<tr>
<td>10:30</td>
<td>Skin Care For Radiation Therapy Patients</td>
<td>RT5-1</td>
<td>Angela Cashell, University of Toronto, Canada</td>
</tr>
<tr>
<td>10:50</td>
<td>Assessment Of Personnel Dosimetry In Radiotherapy At Cancer Institute Guyana</td>
<td>RT5-2</td>
<td>Basmattie Sawh, University of Guyana, Turkeyen Campus, Guyana</td>
</tr>
<tr>
<td>11:10</td>
<td>Stereotactic Body Radiotherapy As An Alternative To Brachytherapy In Gynaecologic Cancer</td>
<td>RT5-3</td>
<td>Ebison Chinherende, The Cancer Centre Eastern Caribbean, Antigua</td>
</tr>
<tr>
<td>11:30</td>
<td>Assessment Of Anxiety and Depression Among Breast Cancer Patients in Ghana</td>
<td>RT5-4</td>
<td>Kofi Adesi Kyei, University of Ghana, Ghana</td>
</tr>
<tr>
<td>11:50</td>
<td>An Assessment Of Sexual Informational Needs Of Breast Cancer Patients Undergoing Radiotherapy</td>
<td>RT5-5</td>
<td>Li Hoon (Li Yun) Lim, National Cancer Centre Singapore, Singapore</td>
</tr>
<tr>
<td>12:10</td>
<td>Evaluating The Effect Of Linens On Surface Skin Dose And Patient Perspectives On Respect And Dignity In Radiation Therapy</td>
<td>RT5-6</td>
<td>Marcia Smoke, Juravinski Cancer Centre - Radiation Therapy Department, Canada</td>
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<td>12:30</td>
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Email: [queries@isrrt2018.org.tt](mailto:queries@isrrt2018.org.tt)
20th ISRRT World Congress 2018

Website: www.isrrt2018.org.tt Email: queries@isrrt2018.org.tt
COMPUTED TOMOGRAPHY

P1  Low Radiation Dose Dual-Energy Spectral CT With Gemstone Spectral Imaging Assist Combined With Iterative Reconstruction In Typical Hepatic Hemangioma CT Imaging With Reduced Iodine Load: Preliminary Study
Wei Li
Jinan City, China

P2  The Feasibility of Spectral CT For Monitoring and Predicting the Therapeutic Efficacy of Axitinib in Rabbit VX2 Liver Tumors
Xiao Peng Yang
The First Affiliated Hospital Of Zhengzhou University, China

P3  The effect of heart rate on the pulmonary artery angiography with low contrast agent CT
Weiguo Zhang
Department of Radiology, Beijing Chaoyang Hospital, China

P4  Assessment Of The Awareness And Attitude Of Emergency Physicians Towards The Use Of Computed Tomography (CT) In Patients With Head Injury In Various Hospitals In Anamba State Nigeria.
Mary-Ann Okechukwu
Student, Nigeria

P5  Comparison Of Image Quality And Radiation Dose Between Automatic Tube Current Modulation And Fixed Tube Current Technique In CT KUB Stone
Supawan Jivapong
Golden Jubilee Medical Center, Thailand

Mikael Oseberg
Akershus University Hospital, Norway

EDUCATION, MANAGEMENT, PROFESSIONALISM

P7  Preparedness for Clinical practice: Perceptions of intern radiographers and their work supervisors in South-south, Nigeria.
Uduakobong Itata
Unical Medical Centre, Nigeria

P8  Comparative analysis of measurement method of liver donor volume
Dae-Keun Kim
National Cancer Center, Korea

P9  Study on Cerebral Blood Flow of Youth Auditory Cortex under different frequent sound stimulation using Arterial Spin Labeling perfusion weighted imaging
Xiaojing Zhang
Chinese PLA General Hospital, China
## EDUCATION, MANAGEMENT, PROFESSIONALISM

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Author(s)</th>
<th>Institution(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>P10</td>
<td>Factors Contributing to lack of occupational radiation monitoring in Southern Malawi</td>
<td>Cowles Chilingulo</td>
<td>Malawi</td>
</tr>
<tr>
<td>P11</td>
<td>The contrivance of the clinical ability education to the patient reception in Teikyo University</td>
<td>Hiroki Ohtani</td>
<td>Teikyo University, Japan</td>
</tr>
<tr>
<td>P12</td>
<td>Aggressive pseudotumor tissue reactions, long term complications of total hip replacement</td>
<td>Mabel Zelicovich</td>
<td>Tel Aviv Sourasky Medical Center, Isreal</td>
</tr>
<tr>
<td>P13</td>
<td>The Challenges of Relying on Patient-reported Medical History in a Breast Imaging Program</td>
<td>Sheena Chung</td>
<td>Joint Department of Medical Imaging - Women's College Hospital, Canada</td>
</tr>
<tr>
<td>P14</td>
<td>Changes of Brain Structure Volume in Alzheimer's Disease Patients analyzed via VBM technology</td>
<td>Li-Chuan Huang</td>
<td>Tzu-Chi general hospital, Taiwan</td>
</tr>
<tr>
<td>P15</td>
<td>A comparative analysis of diagnostic radiographers’ emotional intelligence across sub-specialties and against other Allied Health Professions at a tertiary teaching hospital in Asia</td>
<td>Shiu Suwn Yeo</td>
<td>Singapore General Hospital, Singapore</td>
</tr>
<tr>
<td>P16</td>
<td>Educating Globally in Medical Imaging using eLearning and INTEREST-PBL</td>
<td>Carmen Saunders-Russell</td>
<td>California State University Northridge, United States</td>
</tr>
<tr>
<td>P17</td>
<td>Approaching Development of a new education programme in Diagnostic Radiography</td>
<td>Alexandra Partner</td>
<td>University of Derby, UK</td>
</tr>
<tr>
<td>P18</td>
<td>Back to basic: With modern technology, personal touch is the brilliance of human connection</td>
<td>Jacqueline Umali</td>
<td>National Healthcare Group Diagnostics Singapore, Singapore</td>
</tr>
</tbody>
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GENERAL RADIOGRAPHY, RADIATION PROTECTION

P19  Dental Radiological Practice in Trinidad and Tobago: A Pilot Project  
Dr. Arlana Bissoon  
School of Dentistry, The University of the West Indies, Trinidad and Tobago

P20  Application of VBM in Morphological Abnormities Between Early-onset and Late-onset Schizophrenia Patients  
Jicheng Fang, Junwu Hu, Wenzhen Zhu  
Radiological Department, Tongji Hospital, Tongji Medical University of HUST, Wuhan, China

P21  Investigation of exposure factors for various breast composition and thicknesses in digital screening mammography  
Khaled Alkhalifah PhD, Ajit Brindabhan PhD  
Faculty Of Allied Health, Kuwait

P22  Evaluation of Biological Effects about Irradiation Dose in Tissue  
Sanghyeong Kil  
Pusan National University Yangsan Hospital, Korea

P23  Quality improvement on plain radiographs by obligatory internal course held by reporting radiographers  
Marie Midtgaard  
Kolding Hospital, Denmark

P24  Shielding Properties Of Precast Blocks For Construction Of Diagnostic Xray Facility  
Sophia Hemans  
Korle Bu Teaching Hospital, Ghana

P25  Certification system of facilities optimizing medical exposure dose in Japan  
Naoki Kodama  
Tokyo

P26  External exposure dose of F-18 FDG PET assessed by using a semiconductor personnel dosimeter to protect workers from radiation  
Yasuyuki Takahashi  
Hirosaki University, Japan

P27  Things That Need To Be Considered Before Giving Contrast In Radiology Department  
Suraj Sah  
NAMS Bir Hospital, Nepal

NUCLEAR MEDICINE

P28  The ability to visualize perfusion territories in the brain is important for many clinical applications  
Jessie Tang  
PLA General Hospital, China
RADIOTHERAPY, RADIATION ONCOLOGY

P29  Factors that affect patients with head and neck cancer on radiation therapy quality
Pei Jung Lin
E-DA Hospital, Taiwan

P30  Pattern of geometric changes of parotid gland in conventional and intensity modulated radiotherapy in nasopharyngeal cancer patients
Dr Vincent WC Wu
Hong Kong Polytechnic University, China

P31  Occupational radiation protection and safety
Joseph Moses Ndumbaro
Emilio Mzena Memorial Hospital, Tanzania

P32  Evidence or tradition? A Canadian review of the management of radiation induced skin reactions
Angela Cashell
Princess Margaret Cancer Centre, Canada

P33  Role of examination request form in Radiation Dose Reduction
Charles Omondi Okello
Ministry of Health Headquarters, Kenya

ULTRASOUND

P34  The effectiveness of ultrasound-guided intra-abdominal drainage of abscesses and abnormal fluid collections at the Georgetown Public Hospital, Guyana.
Ramona Chanderballi
Guyana

P35  Comparative Analysis of image enhancement Techniques on Uterine fibriod Ultrasound image
Samaila Aliyu Baba
Bayero University Kano, Nigeria