



International Conference on Integrated Medical Imaging in Cardiovascular Diseases

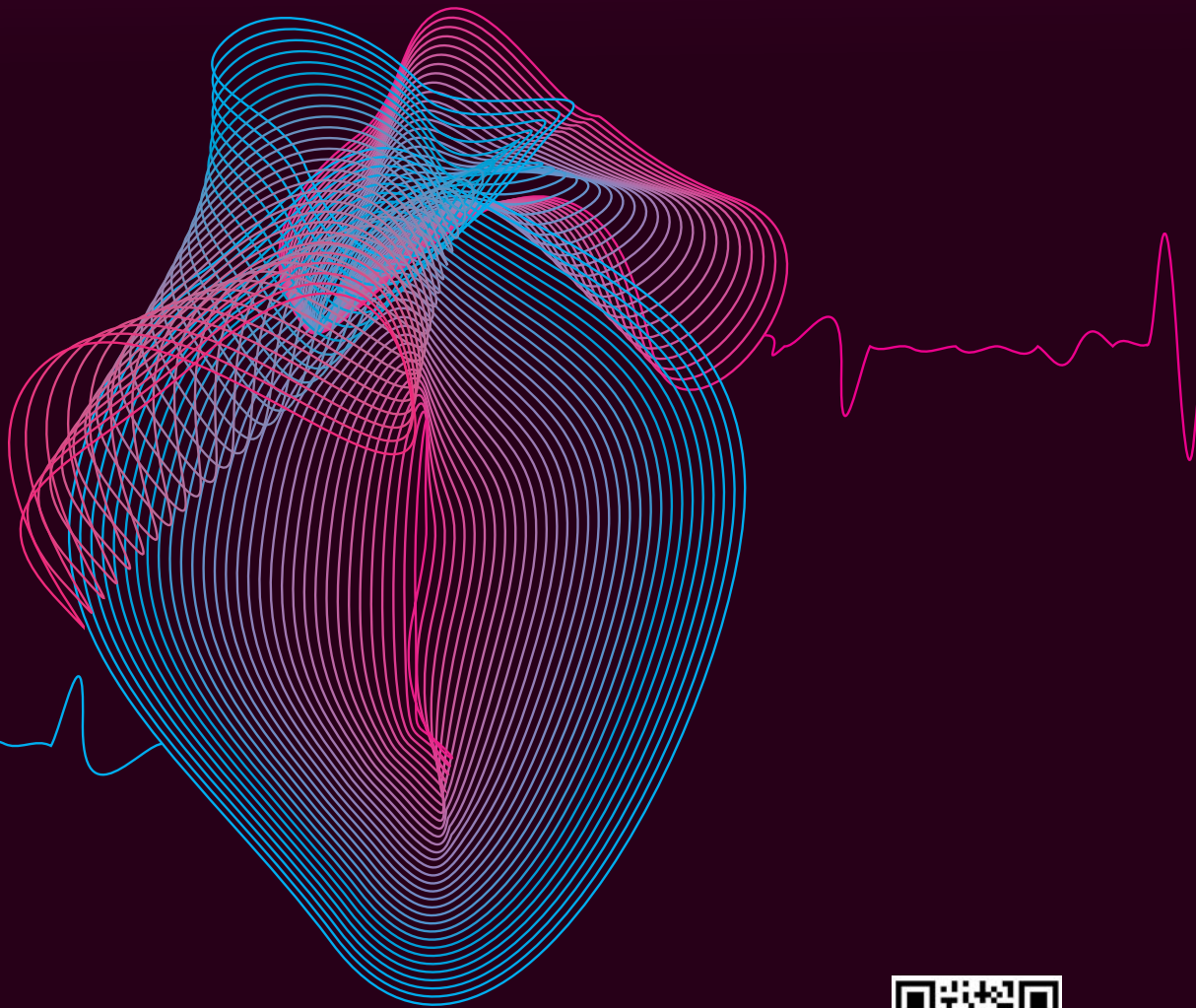
13 – 16 December 2022

IAEA Headquarters

Vienna, Austria

PROGRAMME

#IMIC2022



IAEA

International Atomic Energy Agency
Atoms for Peace and Development



IAEA Secretariat:

Scientific Secretaries: Diana Paez, NAHU
Miriam Mikhail-Lette, NAHU

Advisory Committee: Ahmed Tawakol
Amalia Peix
Andrew J. Einstein
Ganesan Karthikeyan
João Vitola
Leslee J. Shaw

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Olivier Pellet
Peter Knoll
Piyumi Hettiarachchi
Vesna Gershan
Virginia Tsapaki

Location of the Event: International Atomic Energy Agency
Vienna International Centre (VIC)
Building M, M Plenary
Wagramer Strasse 5
A-1400 Vienna, Austria
Tel.: (+43 1) 2600 21330

Working Language: English

Resolutions: No resolutions may be submitted for consideration on any subject; no votes will be taken.

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Participate in voting during sessions



Raise questions to speakers during session



Send message to other participants



Receive announcements via push-notification

If you have questions or require assistance on the App, please contact the Registration Desk.

TIMETABLE

TUESDAY, 13 December 2022

Registration and badge collection GATE 1: 08:00–09:45

Time	Session Title / Break	Venue
10:00 – 10:30	Opening Session	Board Room A
10:30 – 12:00	Plenary Session I: Setting up the Scene	
12:00 – 13:30	<i>Lunch break and Exhibition Visit</i>	
13:30 – 15:15	Plenary Session II – Ischaemic Heart Disease and Management of Chest Pain	
15:15 – 15:30	<i>Coffee Break and Exhibition Visit</i>	
15:30 – 16:30	Plenary Session III - Imaging in Ischaemic Heart Disease from Mechanism to Practice	
16:30 – 17:30	Poster Review and Exhibition Visit - Session I	
Adjourn		
18:00 – 20:00	<i>Welcome Reception</i>	

WEDNESDAY, 14 December 2022

Time	Session Title / Break	Venue
09:00 – 09:30	Basics I: Clinical Risk Assessment, Interpretation of Imaging	Board Room A
09:30 – 10:30	Plenary Session IV- Ischaemic Left Ventricular Dysfunction (Congestive Heart Failure)	
10:30 – 11:00	<i>Coffee Break and Exhibition Visit</i>	
11:00 – 12:00	Plenary Session IV – Congestive Heart Failure- Continues	
12:00 – 13:30	<i>Working Lunch and Exhibition Visit</i>	
13:30 – 14:00	Fundamentals I: CCTA and Coronary Flow Reserve	
14:00 – 15:00	Cases: Read the Cases with The Aces I	
15:20 – 15:45	<i>Coffee Break and Exhibition Visit</i>	
15:45 – 16:15	Basics II: Calcium Score in Hybrid Imaging: How and When	
16:15 – 17:15	Poster Review and Exhibition Visit- Session II	
Adjourn		

THURSDAY, 15 December 2022

Time	Session Title / Break	Venue
09:00 – 09:30	Basics III: Getting Familiar with Cardiac MRI	Board Room A
09:30 – 10:15	Plenary Session V: Covid and Cardio-Oncology	
10:15 – 10:45	<i>Coffee Break and Exhibition Visit</i>	
10:45 – 12:00	Plenary Session VI: What's New?	
12:00 – 13:30	<i>Working Lunch and Poster presentation and Exhibition Visit</i>	
13:30 – 14:00	Basics IV: PET	
14:00 – 14:45	Fundamentals II: Radiation Protection, Quality and Safety in Cardiac Imaging	
14:45 – 15:00	<i>Coffee Break and Exhibition Visit</i>	
15:00 – 16:00	Parallel Session I, II, III	Board Room A, M6, M2
16:00 – 17:00	Poster Review and Exhibition Visit - Session III	

FRIDAY, 16 December 2022

Time	Session Title / Break	Venue
09:00 – 09:30	Basics V: How to Formulate an Excellent Nuclear Cardiology Report	Board Room A
09:30 – 11:00	Plenary Session VII - Ethics, Leadership, Education and Challenges in Cardiac Imaging Practice	
11:00 – 11:30	<i>Coffee Break and Exhibition Visit</i>	
11:30 – 13:00	Closing Session	

TUESDAY, 13 December 2022**10:00 – 10:30****OPENING SESSION****Board Room A**

Time	Name	MS/Organization	Session Title
10:00	R. M Grossi	International Atomic Energy Agency (IAEA)	Opening Remarks – Director General
10:10	N. Mokhtar	International Atomic Energy Agency (IAEA)	Welcome by Deputy Director General – NA
10:20	D. Paez	International Atomic Energy Agency (IAEA)	Administrative Remarks – Scientific Secretariat

10:30 – 12:00**PLENARY SESSION I: SETTING- UP THE SCENE****Board Room A**

IAEA Coordinator: D. Paez, IAEA
Chairperson: L. Shaw, United States of America
Co-Chair: W. Vangu Mboyo, South Africa

Time	Name	MS/Organization	Session Title
10:30 – 10:45	T. Khan	World Health Organization (WHO)	Keynote: The Global Burden of Cardiovascular Diseases
10:45 – 11:00	A. Peix	Cuba	Cardiovascular Diseases in Women
11:00 – 11:15	M. Di Carli	USA	Multimodality Cardiac Imaging the Big Picture –Ischemic Heart Disease
11:15 – 11:30	D. Newby	British Heart Foundation (BHF)	Emerging Integrated Medical Imaging Approaches for Cardiovascular Diseases
11:30 – 12:00	Experts		Debate Session I: Setting-Up the Scene
12:00 – 13:30	Lunch break and Exhibition Visit		

13:30 – 15:15**PLENARY SESSION II - ISCHAEMIC HEART DISEASE AND MANAGEMENT OF CHEST PAIN****Board Room A**

IAEA Coordinator: M. Mikhail- Lette, IAEA
Chairperson: G. Karthikeyan, India
Co-Chair: P. Raggi, Canada

Time	Name	MS/Organization	Session Title
13:30 – 13:45	N. Better	Australia	Interactive Cases: SPECT Imaging of Ischaemic Heart Disease
13:45 – 14:00	M. Al-Mallah	American Society of Nuclear Cardiology (ASNC)	Interactive Cases: PET Imaging of Ischaemic Heart Disease
14:00 – 14:15	C. Loewe	European Society of Radiology, International Society of Radiology (ESR/ISR)	Interactive Cases: Imaging Ischaemic Heart Disease: Role of CCTA
14:15 – 14:30	A. Geppert	Austria	Interactive Cases: Echocardiography to Evaluate Ischaemic Heart Disease
14:30 – 14:45	C. Bucciarelli-Ducci	Society for Cardiovascular Magnetic Resonance (SCMR)	Interactive Cases: MRI a to Evaluate Ischaemic Heart Disease
14:45 – 15:15	Experts		Debate Session II: How To Select The Right Test For The Right Patient
15:15 – 15:30	Coffee Break and Exhibition Visit		

15:30 – 16:30

PLENARY SESSION III - IMAGING IN ISCHAEMIC HEART DISEASE FROM MECHANISM TO PRACTICE

Board Room A

IAEA Coordinator:
Chairperson:
Co-Chair:

M. Mikhail-Lette, IAEA
M.Hacker, Austria
J. Vitola, Brazil

Time	Name	MS/Organization	Session Title
15:30 – 15:45	A. Tawakol	USA	Integrated Multimodality Imaging: Disentangling Mechanism of Cardiovascular Disease
15:45 – 16:00	L. Shaw	USA	Evidence-Based Medicine in Cardiac Imaging in the Era of the ISCHEMIA Trial
16:00 – 16:30	Experts		Debate Session III: Imaging in Ischemic Heart Disease from Mechanism to Practice
16:30 – 17:30 adjourn	M. Mikhail-Lette	IAEA Coordinator	Poster Review and Exhibition Visit - Session I
18:00 – 20:00		Welcome Reception	M0E

WEDNESDAY, 14 December 2022

IAEA Coordinator:

M. Dondi, Italy

Board Room A

Time	Name	MS/Organization	Session Title
09:00 – 09:30	G. Karthikeyan	India	Basics I: Clinical Risk Assessment, Interpretation of Imaging

09:30 – 10:30

PLENARY SESSION IV- ISCHAEMIC LEFT VENTRICULAR DYSFUNCTION (CONGESTIVE HEART FAILURE)

Board Room A

IAEA Coordinator:
Chairperson:
Co-Chair:

M. Dondi, Italy
F. Mut Bastos, Uruguay
R. Giubbini, Italy

Time	Name	MS/Organization	Session Title
09:30 – 09:45	M. Fernandes- Silva	Brazil	Congestive Heart Failure (CHF) - The Big Picture
09:45 – 10:00	R. Lopes	Latin American Association of Societies of Biology and Nuclear Medicine (ALASBINM)	Case-Based Imaging of ILVD-CHF: Role of SPECT
10:00 – 10:15	M. Hacker	Austria	Case-Based Imaging of ILVD-CHF: Role of PET
10:15 – 10:30	T. Villines	USA	Case-Based Imaging of ILVD-CHF: Role of CCTA
10:30 – 11:00		Coffee Break and Exhibition Visit	

11:00 – 12:00

PLENARY SESSION IV - CONGESTIVE HEART FAILURE - CONTINUES

Board Room A

IAEA Coordinator:
Chairperson:
Co-Chair:

M. Dondi, Italy
F. Mut Bastos, Uruguay
R. Giubbini, Italy

Time	Name	MS/ Organizations	Session Title
11:00 – 11:15	L. Natale	European Society of Radiology, International Society of Radiology (ESR/ISR)	Case-Based Imaging of ILVD-CHF: Role of MRI

09:30 – 10:15

PLENARY SESSION V: COVID AND CARDIO-ONCOLOGY

Board Room A

IAEA Coordinator:
Chairperson:

M. Mikhail- Lette, IAEA
E. Milan, Italy

Time	Name	MS/Organization	Session Title
09:30 – 09:45	L. Shaw	USA	Cases: Potential implications of COVID Infection on Atherosclerosis
09:45 – 10:00	A. Einstein	USA	IAEA INCAPS COVID
10:00 – 10:15	F. Hyafil	European Association of Nuclear Medicine (EANM)	Cases: Cardio-Oncology
10:15 – 10:45	Coffee Break and	Exhibition Visit	

10:45 – 12:00

PLENARY SESSION VI: WHAT'S NEW?

Board Room A

IAEA Coordinator:
Chairperson:
Co-Chair:

D. Paez, IAEA
A. Tawakol, India
C. Patel, India

Time	Name	MS/Organization	Session Title
10:45 – 11:00	G. Langs	Austria	Artificial Intelligence (AI) in Cardiac Imaging
11:00 – 11:15	M. Dondi	Italy	The IAEA Atlas of Cardiac PET/CT: a Case-Study Approach
11:15 – 11:30	M. Williams	UK	New SPECT and PET Radiopharmaceuticals for Imaging Cardiovascular Disease
11:30 – 12:00	Experts		Debate Session VI: What's New
12:00 – 13:30	Working Lunch	Exhibition Visit	

IAEA Coordinator:

O. Pellet, IAEA

Board Room A

Time	Name	MS/Organization	Session Title
13:30 – 14:00	E. Alexanderson	Mexico	Basics IV: PET

14:00 – 14:45

FUNDAMENTALS II: RADIATION PROTECTION, QUALITY AND SAFETY IN CARDIAC IMAGING

Board Room A

IAEA Coordinator:
Chairperson:

V. Gershan, IAEA
C. Hirschfeld, United States of America

Time	Name	MS/Organization	Session Title
14:00 – 14:15	A. Einstein	USA	Radiation Burden in Cardiac Imaging
14:15 – 14:30	D. Calnon	American Society of Nuclear Cardiology (ASNC)	Patient-Centered Approach to Radiation Dose Reduction
14:30 – 14:45	M. Hosono	International Commission on Radiological Protection (ICRP)	Radiation Protection in Cardiovascular Imaging
14:45 – 15:00	Coffee Break and	Exhibition Visit	

15:00 – 16:00

PARALLEL SESSION I - READ CASES WITH THE ACES II

Board Room A

IAEA Coordinator:
Chairperson:

D. Paez, IAEA
F. Hyafil, EANM

Time	Name	MS/Organization	Session Title
15:00 – 15:20	S. Vinjamuri	British Nuclear Medicine Society (BNMS)	Cases: Infectious Diseases
15:20 – 15:40	D. Calnon	American Society of Nuclear Cardiology (ASNC)	Level I: Nuclear Cardiology Cases
15:40 – 16:00	E. Alexanderson	Mexico	Integrative Imaging of Cardiac Viability: Case in Point

15:00 – 16:00

PARALLEL SESSION II - MEDICAL PHYSICS

M2

IAEA Coordinator:
Chairperson:

M. Mikhail-Lette, IAEA
P.Knoll

Time	Name	MS/Organization	Session Title
15:00 – 15:20	J. Kennedy	Israel	Recent advances in Nuclear Cardiology Instrumentation and Imaging Methods
15:20 – 15:40	M. Ljunberg	Sweden	Monte Carlo simulation in Nuclear Cardiology
15:40 – 16:00	I. Armstrong	EFOMP	Nuclear Cardiology: Recent Develops in Instrumentation and Techniques

15:00 – 16:00

PARALLEL SESSION III - RADIOPHARMACY

M6

IAEA Coordinator:
Chairperson:

A. Jalilian, IAEA, A. Korde, IAEA
V. Kumar, Australia

Time	Name	MS/Organization	Session Title
15:00 – 15:10	A. Jalilian, A. Korde	IAEA	IAEA activities supporting radiopharmaceutical availability and developments for Member States
15:10 – 15:35	A. Duatti	Italy	Fast, high-resolution cardiac imaging: matching new technology with new radiopharmaceuticals
15:35 – 16:00	E. Cazzola	Italy	PET radiotracers for cardiology, state of the art and future development

Board Room A

Time	Name	MS/Organization	Session Title
16:00 – 17:00 adjourn	O. Pellet	IAEA Coordinator	Poster Review and Exhibition Visit - Session III

FRIDAY, 16 December 2022

IAEA Coordinator:

M. Mikhail-Lette, IAEA

Board Room A

Time	Name	MS/Organization	Session Title
09:00 – 09:30	F. Mut Bastos	Uruguay	Basics V: How to Formulate an Excellent Nuclear Cardiology Report

09:30 – 11:00

**PLENARY SESSION VII - ETHICS, LEADERSHIP, EDUCATION AND CHALLENGES IN
CARDIAC IMAGING PRACTICE**

Board Room A

IAEA Coordinator: E. Estrada-Lobato, IAEA
Chairperson: J. Hatazawa, Japan
Co-Chair: A. Jimenez-Heffernan, Spain

Time	Name	MS/ Organizations	Session Title
09:30 – 09:45	A. Einstein	USA	Ethics scenarios: Case in Point
09:45 – 10:00	S. Vinjamuri	British Nuclear Medicine Society (BNMS)	Leadership: Case in Point
10:00 – 10:15	H. Bom	Asian Regional Cooperative Council for Nuclear Medicine (ARCCNM)	Education: Case in Point
10:15 – 10:30	D. Calnon	American Society of Nuclear Cardiology (ASNC)	Challenges in Nuclear Cardiology Practice: Case in Point
10:30 – 10:45	J-L. Urbain	Canadian Association of Nuclear Medicine (CANM)	Good Clinical Research Practices in Cardiac Imaging
10:45 - 11:00	M. Al-Mallah	American Society of Nuclear Cardiology (ASNC)	The Prognostic Value of Advanced Cardiac Imaging Procedures and Its Impact on Risk Prediction, Patient Management and Outcomes
11:00 – 11:30		Coffee Break	

11:30 – 13:00

CLOSING SESSION

Board Room A

IAEA Coordinator: M. Mikhail-Lette, IAEA

Time	Name	MS/ Organizations	Session Title
11:30 – 11:50	D. Paez	IAEA	IAEA's Role in Cardiac Imaging
11:50 – 12:20	J. Vitola	Brazil	Highlights
12:20 – 12:50	Scientific Division	IAEA IMIC team	Poster Awards
12:50 – 13:00	M. Abdel-Wahab	IAEA	Closing Remarks

Poster Presentations

Tuesday, 13 December 2022

16:30 – 17:30

Poster Session 1

M02

Poster ID	Name	MS/ Organizations	Title of Paper
046	Andrea Lorenzo	Brazil	DNA Damage Induced by Ionizing Radiation from Myocardial Perfusion Scintigraphy
064	Andrea Lorenzo	Brazil	Impact of the COVID-19 Pandemic on the Use of Myocardial Perfusion Imaging for the Assessment of Coronary Artery Disease
021	Aida Mhiri Chaabouni	Tunisia	Isotopic Venriculography Modality for the Detection of Cardiotoxicity Induced by Trastuzumab
043	Aida Mhiri Chaabouni	Tunisia	Lipomatous Hypertrophy of Interatrial Septum Causing Hot Spot on 18 FDG: An Interesting Pet/CT Case with Unusual Finding
078	Afroza Akhter	Bangladesh	Myocardial Perfusion and Viability Assessment Prior to Revascularization Following Myocardial Infarction and Evaluation of Functional Improvement
179	Amra Skopljak-Beganovic	Bosnia and Herzegovina	Importance of Different Exposure Parameters on Effective Dose in Cardiac Computed Tomography
153	Augusto Enrique Llamas Olier	Colombia	Matching Coronary Anatomy to a Myocardial Perfusion Territory: The Devil is in the Details
114	Aylen Perez Barreda	Cuba	Gated-SPECT and Rapid protocol cardiac MRI in the evaluation of myocardial viability
071	Vishal Agarwal	India	Use of non-attenuation corrected (NAC) images is paramount in PET Cardiac Viability Studies
072	Vishal Agarwal	India	Lipomatous hypertrophy of inter-atrial septum detected during routine FDG PET Oncologic studies
063	Zulhendri Syauki	Indonesia	Gated SPECT Myocardial Wall Motion and Wall Thickening for Detecting Myocardial Viability in Comparison to Nitrate Augmented Myocardial SPECT Viability Study
113	Yulia Kurniawati	Indonesia	Agreement between Myocardial Perfusion Scintigraphy and Coronary Angiography to Coronary Vessel Territories
091	Hudson Angeyo Kalambuka	Kenya	Schema for Deep Learning Modelling of Sparse Serum Biomarkers for Spectral Diagnostics of CVD
055	Muhammad Khalis Abdul Karim	Malaysia	Radiomics Features and Classification of Coronary Computed Tomography Angiography (CCTA) Images Using Tree-Based Pipeline Optimization Tool (TPOT) Algorithm
157	Shabana Saeed	Pakistan	Clinical Utility of 99mTc UBI (29-41) in Postoperative Cardiothoracic Procedures
134	Vincent Peter Magboo	Philippines	SPECT-MPI Classification using Convolutional Neural Networks
039	Valentin Sinitsyn	Russian Federation	Incremental Use of CT Coronary Angiography in Clinical Practice and the Risk of Extra Radiation Exposure to Patients: How to Find the Right Balance
041	Jasna Mihailovic	Serbia	Is There a Relation Between Positive Myocardial Perfusion Scintigraphy and Risk Factors in Symptomatic Patients Without a History of Coronary Artery Disease?
074	Monika Stalc	Slovenia	The Impact of Walking on Gastrointestinal Activity-Related Artifacts in Myocardial Perfusion Scintigraphy
118	Tanyaluck Thientunyakit	Thailand	Comparison of Myocardial Perfusion SPECT/CT Results in the Diagnosis of Ischemic Myocardial Disease Between Filtered Backprojection and Iterative Reconstruction with and Without CT Attenuation Correction
123	Ferdaous Ben Amor	Tunisia	Role of Myocardial Perfusion Scan in Coronary Heart Disease Screening in Asymptomatic Patients
011	Hadijah Ndagire	Uganda	Radiation Protection for Patient and Staff in Interventional Procedures
068	Kizito Mubiru	Uganda	Goal Programming with Application to Budgetary Planning towards Diagnostic Cardiac Imaging
138	Joseph Ndumbaro	United Republic of Tanzania	Radiation Protection for Personnel and Dose Reduction for Patients

050	Gulnora Rozikhodjaeva	Uzbekistan	Strain Echocardiographic Assessment of Myocardial Dysfunction in Patients After Coronavirus Infection Caused by Sars-Cov-2
065	Gulnora Rozikhodjaeva	Uzbekistan	The Use of Diastolic Stress Echocardiography in Patients with Heart Failure with Impaired Left Ventricular Relaxation
007	Son Mai Hong	Viet Nam	Prognostic Role of Left Ventricular Mechanical Diastolic Dyssynchrony by Gated Single Photon Emission Computed Tomography Myocardial Perfusion Imaging in Post-myocardial Infarction
010	Ha Le Ngoc	Viet Nam	Correlation Between Diastolic Left Ventricular Mechanical Dyssynchrony Parameters by Gated Single Photon Emission Computed Tomography Myocardial Perfusion Imaging and Left Ventricular Echocardiographic Indexes in Early Post-myocardial Infarction Patients
036	Gabriela Mateva	Bulgaria	One-day Combined Protocol With 99mtc -Tetrofosmin SPECT/CT and 18f-fdg PET/CT for Detection of Viable Myocardium
142	Khadijah Abdulhamid	Malaysia	The Adverse Effects of Dipyridamole and its Association with ECG and Myocardial Perfusion
077	Ricardo Jose Geronazzo	Argentina	Descriptive Results of the Current State Survey of Nuclear Cardiology in Argentina

Wednesday, 14 December 2022 12:00 – 13:30	Abstract Session	Board Room A
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Poster ID	Name	MS/ Organizations	Title of Paper
149	Simone Brandao	Brazil	Glycolytic Metabolism and Global Longitudinal Strain Before and After Anthracyclines Chemotherapy in Lymphoma Patients
006	Claudio Mesquita	Brazil	Clinical use of SPECT high-performance CZT-derived MFR data for Coronary Artery Disease
080	Amalia Peix	Cuba	Intraventricular Synchronism Assessment by Gated-SPECT Myocardial Perfusion Imaging in Cardiac Resynchronization Therapy (CRT). Does Cardiomyopathy Type Influence Prognosis After CRT?
122	Aylen Perez Barreda	Cuba	Imaging Multimodality in Cardiac Amyloidosis. Cuban Preliminary Results
163	Verónica Vanesa Gómez Leiva	El Salvador	Contribution of Nuclear Cardiology in Salvadoran Patients with Chagas Cardiomyopathy. Case Series
160	Vasileios Chatzoglou	Greece	Patient Dose Reduction in MPI Examinations with CZT Camera
172	Mohamad Haidar	Lebanon	FDG Pet/CT Imaging in the Assessment of Cardiac Sarcoidosis. Lebanese Experience
102	Paulius Jarusevicius	Lithuania	Veriton 360° CZT Digital Ring-Based Solid-State Detector Gamma Camera vs Fixed-Angle Heart-Centered Gamma Camera – First Experience in Myocardial Perfusion Scintigraphy for Patients with Ischemic Heart Disease
069	Adriana Cecilia Puente-Barragan	Mexico	Myocardial Perfusion Imaging in a Group of Asymptomatic High-Risk Patients with Dyslipidemia According to Medical Treatment
085	Estela Isabel Carvajal Juarez	Mexico	Molecular Imaging of Cardiac Sarcoidosis and Its Impact on Diagnosis
083	Amelia Jimenez-Heffernan	Spain	Low Sensitivity of 99MTC-DPD Bone Scintigraphy in Early Onset val50met (val30Met) Transthyretin Cardiac Amyloidosis
169	Fatma Arzu Görtan	Tuerkiye	18F FDG Pet/CT in Suspected LVAD Associated Infections
156	Miguel Kapitan Otero	Uruguay	Myocardial Perfusion Imaging in Women Compared to Men and Impact of Diabetes Mellitus: Results from One Center in Uruguay
101	Omar Alonso Nunez	Uruguay	Pet/CT With 18F-Sodium-Fluoride as a Biomarker of Microcalcifications of Bioprosthetic Valve Degeneration

Poster ID	Name	MS/ Organizations	Title of Paper
045	Joao Vitola	Brazil	Trends in Advanced Cardiac Imaging Utilization Over the Past 15 years
173	Josefa Arma	Argentina	Usefulness of 18F FDG PET/T in the diagnosis of large vessel vasculitis—an experience in a single center
104	Bhargavi Jois Kammaradi Sreekantha	India	Role of 18F-Fluorodeoxyglucose PET-CT in the diagnosis of Inflammatory Cardiomyopathy: A South Indian experience
152	Gautam Biswas	Kuwait	Clinical efficacy of FDG PET/CT in the detection of cardiac inflammation and Infections
115	Enrique Berrios Barcenas	Mexico	Distribution and activity of vascular lesions in Takayasu arteritis
116	Enrique Berrios Barcenas	Mexico	Chronic myocardial damage in patients surviving severe COVID-19
166	Maribel Jiménez Toxqui	Mexico	Constrictive pericarditis associated with immunoglobulin G4 disease
075	Irene Bandong	Philippines	Clinical Profiles and In-hospital Short-term Outcomes of Suspect, Probable, and Confirmed Adult COVID-19 Patients at the Philippine Heart Center: a Descriptive Study
076	Irene Bandong	Philippines	Cardiovascular Risk Profile of Filipino Seafarers Seeking Pre-employment cardiovascular Evaluation
013	Milica Stojiljkovic	Serbia	F-18-FDG PET/CT in Detection of Vascular Graft Infection
054	Amelia Jimenez-Heffernan	Spain	Nuclear Cardiology Practice during COVID-19 Pandemic
024	Maythinee Chantadisai	Thailand	Experience in the Use of Tc-99m PYP Imaging for Confirmation of Transthyretin (TTR) Cardiac Amyloidosis: A Single Academic Medical Center Study
032	Tossaporn Sirirapa	Thailand	Production and Quality Control of [F-18]Florbetapir Pet Tracers for Diagnosing Cardiac Amyloidosis by Two CFN Multi-Purpose Synthesizers at Siriraj Hospital
170	Nazim Coskun	Tuerkiye	Echocardiographic Predictors of Increased Myocardial Uptake in Tc-99m Pyrophosphate Scintigraphy for Cardiac Amyloidosis
145	Lili Szaraz	Hungary	Tc-99m-Pyrophosphate Scintigraphy in the Imaging of Cardiac Amyloidosis
025	Jose Javier Bustos Rivadero	Argentina	Implementation of Looklocker (CINE IR) And BSSFP (Fiesta) Sequences for Obtaining T1 Maps and Its Implementation in Myocardial Fibrosis
110	Majdouline Bel Lakhdar	Morocco	The Place of Bone Scan in the Diagnosis of Cardiac Amyloidosis: Experience of Nuclear Medicine Department of Academic Hospital Ibn Sina, Rabat, Morocco
180	Venjamin Majstorov	North Macedonia	Imaging ATTR Cardiac Amyloidosis With 99M-Tc PYP
016	Dragana Sobic Saranovic	Serbia	The Role of Whole-Body Diphosphonate Scintigraphy in the Diagnosis of Cardiac Amyloidosis-Single Center Experience
057	Wilson Furlan Alves	Brazil	Predictive Factors of Symptomatic Trastuzumab-Induced Cardiotoxicity Defined by Multigated Radionuclide Angiography Based on the Brazilian's Real-World Data
060	Byron Riedel	Chile	Cardiac Sarcoidosis: Clinical Case Report and Protocol Implementation in a Non-cardiological Dedicated Center
124	El Hadji A Lamine Bathily	Senegal	99MTC-Dpd an Alternative for the Diagnosis of TTRm Cardiac Amyloidosis in Black Africa
162	Marika Kalnina	Latvia	Unusual Pitfall in 99Tc-PYP SPECT/CT - Case Report
143	Anica Knoetzen	South Africa	At the 'heart of Kidney Transplant': a Nuclear Medicine Resident's Review of Myocardial Perfusion Imaging in Patients with End-stage Renal Disease
151	Simone Brandao	Brazil	18f-FDG PET/CT in the Early Diagnosis of Cardiotoxicity: Evaluation of the Best Site to Obtain the Cardiac SUV Index
004	Mary Jennifer Mondok Reyes	Philippines	Association of Epicardial Fat Volume with Positive Arterial Remodeling in Patients who underwent Coronary CT Angiography

100	Eryc Austin Lin	Philippines	Diagnostic Concordance of Artificial Intelligence with Radiologists in Detecting Abdominal Aortic Aneurysms on CT Scans: A Meta-Analysis
093	Pamela Vazquez	Philippines	What should be in a Radiologist's report regarding Major Aortopulmonary Collateral Arteries (MAPCAs) in Congenital Heart Diseases (CHD): A review of its clinical and surgical implications
159	Mehdi Habache	Algeria	Correlation of Decrease or No Increase of Systolic Blood Pressure During Treadmill Test, to the Myocardial Perfusion Scintigraphy Results

Thursday, 15 December 2022 12:00 – 13:30	Virtual E-poster	Board Room A
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Poster ID	Name	MS/ Organizations	Title of Paper
027	Hani Mahmoud	Egypt	Deep Transfer Learning Models for Cardiac Images Classification
017	Ghodsirad Mohammadali	Iran, Islamic Republic of	Can MPV predict myocardial perfusion abnormalities on diabetics and non-diabetics?
018	Ghodsirad Mohammadali	Iran, Islamic Republic of	Comparison of 4DM and QGS Software in Diagnosis of Left Ventricular Mechanical Dyssynchrony in Diabetics and Non-diabetics
058	Md Nahid Hossain	Bangladesh	Estimated the Effective Dose to Patients from SPECT Myocardial Perfusion Imaging at the National Institute of Nuclear Medicine and Allied Sciences (NINMAS), Bangladesh
139	Salome Abel Mwambinga	United Republic of Tanzania	Influence of Body Mass Index with reproducibility Breath Hold position during Computed Tomography Simulation of Breast Patients
158	Anton Lorenzo Gutierrez	Philippines	Accuracy of the Main Pulmonary Artery Diameter to Aortic Diameter Ratio in Predicting Right Ventricular Dysfunction Among Patients With Acute Pulmonary Embolism

Thursday, 15 December 2022 16:00 – 17:00	Poster Session 3	M02
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Poster ID	Name	MS/ Organizations	Title of Paper
095	Andrea Astesiano	Argentina	Contribution of PET in the diagnostic algorithm of MINOCA
106	Pamela Pina Santana	Dominican Republic	Use of Cardiac Computed Tomography Angiography Among Women in Developing Nations
042	Elliyanti Aisyah	Indonesia	Myocardial Perfusion Imaging Concept in Coronary Microvascular Assessment
092	Miguel Fernandes-Silva	Brazil	Temporal Trends in Non-ischemic Left Ventricular Systolic Dysfunction Attributable to Diabetes Mellitus in Patients Referred to Myocardial Perfusion Imaging
171	Shazia Fatima	Pakistan	Utility of SPECT myocardial perfusion entropy (MPE) in Risk stratification of Diabetes Mellitus Patients
020	Isidora Grozdic Milojevic	Serbia	Myocardial Perfusion Imaging in Diabetic Patients
038	Hatem Hammami	Tunisia	Detection of Silent Myocardial Ischemia in Diabetic Patient
136	Ioannis Iakovou	Greece	Incidental Finding of Avid 99mTc-DPD Cardiac Uptake on Routine Bone Scintigraphy in Cancer Patients
176	Akram Al-Ibraheem	Jordan	Left Ventricular Ejection Fraction by MUGA in Patients with Cancer: Comparison with Echocardiography
066	Joel Vargas Ahumada	Mexico	Detection of Cardiac Fibroblast Activation After Acute Myocardial Infarction Using 99mTc-Technetium-IFAP SPECT Imaging as a Potential Novel Biomarker

090	Pamela Gonzalez	Chile	Diastolic Synchrony in Patients with and Without Arterial Hypertension Using Synctool® Software Compared with Volume Curve-Derived Parameters in Perfusion SPECT
097	Antonieta Reyes	Chile	Systolic Synchrony in Patients with High Blood Pressure with Gated Sestamibi SPECT Comparing Rest and Post-dipyridamole Stress
061	Ana Michel Vasquez	Mexico	Atypical Cause of Pulmonary Hypertension and Left Coronary Artery Compression in a Patient with Multiple Congenital Heart Defects
096	Ana Michel Vasquez	Mexico	Assessment of diastolic function by SPECT and ECHO in ischemia and infarction
082	Rodrigo Cerci	Brazil	Population Calcium Score Distribution as Part of the Ongoing Curitiba Heart Project
155	Carmen Amelia De Los Reyes Victoria	Colombia	Prediction of Severe Coronary Artery Disease in a Patient with Normal SPECT CT Myocardial Perfusion Imaging
030	Hala Salem	Egypt	Coronary Calcium Scan Acquisition Before Coronary CT Angiography: Can Be Used as Screening Test for Coronary Artery Disease?
105	Sarah Agnes Mary Lim	Philippines	Diagnostic Utility of Artificial Intelligence In Detecting Coronary Artery Disease On CT Coronary Calcium Score Using Manual Calcium Scoring As Reference Standard- A Meta-Analysis
086	Harrydeo Sonea	Mauritius	Setting up an Integrated Cardiovascular Imaging Facility- The Mauritian Experience
087	Harrydeo Sonea	Mauritius	Leadership: Ethics, and Continuous Education in Cardiac Imaging
062	Shankar Kumar Biswas	Bangladesh	Rest Only Myocardial Perfusion Imaging (MPI) With 99mTc-Mibi and Myocardial Viability Assessment With 18F-Fdg Cardiac Pet Before Revascularization Following Myocardial Infarction: Initial Experience in Bangladesh
177	Tanja Makazlieva	North Macedonia	Achievements and Current Status of Nuclear Cardiology in North Macedonia
052	Alvin Quinon	Philippines	Improving Customer Satisfaction using Care Team Approach in the Nuclear Medicine Department
044	Monika Stalc	Slovenia	Myocardial Perfusion Scintigraphy Results According to Pre-test Probability of Coronary Artery Disease - Single Centre Experience
051	Mine Silindir Gunay	Tuerkiye	Radiopharmacy Education at Hacettepe University Faculty of Pharmacy in Tuerkiye and New Developments
130	César José Yegros Acevedo	Paraguay	Elaborating Evaluation Protocols and Quality Control of Mammography
029	Djibrillou Moussa	Niger	Comparative Analysis of Three Iterative Reconstruction Software Platforms to Evaluate Myocardial Perfusion SPECT
049	Ghazal Jameel	Pakistan	Identification of Vascular and Cardiac Air Embolism and Volume Quantification by Computerized Tomography
081	Mihaela Raluca Mititelu	Romania	18f-FDG Atrial Uptake: a Case Report
141	Ismail Ayesha	South Africa	The Value of Multigated Acquisition (MUGA) Scan in the Assessment and Monitoring of Cancer Therapy Related Cardiotoxicity
150	Tawika Kaewchur	Thailand	The Use of 18f-FDG Cardiac PET: Chiang Mai University Experience
144	Rafael Willain Lopes	Brazil	Registry of Dose Activities and Estimated Exposure Rates on Myocardial Perfusion Scintigraphy at a single high-volume Nuclear Cardiology Center
119	Vitor Braga Rodrigues	Brazil	Proposal for Improving the Quality of Myocardial Perfusion Tests in Brazil
181	Ousseynou Diop	Senegal	Study of the Concordance of Clinical, Electrocardiographic and Tomoscintigraphic Diagnostic Tests for Myocardial Ischemia in Senegal
126	Laura Savio	Italy	Strategies to reduce radiation exposure for operators in percutaneous structural cardiac interventions

E-Poster reviewers:

Session 1:

V. Artiko, Serbia
R. Lopes, Brazil
J. Hatazawa, JRIAS
D. Sobic Saranovic, Serbia,
M. Haidar, Lebanon
T. Gyorko, Hungary
A. Puente-Barragan, Mexico
V. Majstorov, North Macedonia
P. Korol, Ukraine

Session 2:

J. Hatazawa, Japan
C. Mesquita, Brazil
H. Bom, ARCCNM
P. Korol, Ukraine
C. Patel, India
C. Hirschfeld, USA
N. Better, Australia
R. Cerci, Brazil
A. Puente-Barragan, Mexico

Session 3:

S. Bouyoucef, Algeria
A. Jimenez-Heffernan, Spain
W. Vangu, South Africa
E. Etchebehere, Brazil
E. Milan, Italy
G. Grossmann, Brazil
M. Haidar, Lebanon
A. Puente-Barragan, Mexico
N. Ben-Rais, Morocco
P. Korol, Ukraine

List of publications for IMIC 2022

2022

[Setting up a Cancer Centre: A WHO-IAEA Framework](#)

Non-serial Publications

English | STI/PUB/1989 | 978-92-0-100422-2

2021

[Integrated Non-Invasive Cardiovascular Imaging: A Guide for the Practitioner](#)

Non-serial Publications

English | STI/PUB/1931 | 978-92-0-133021-5

2021

[Atlas of Non-FDG PET-CT in Diagnostic Oncology](#)

IAEA Human Health Series No. 38

English | STI/PUB/1924 | 978-92-0-128920-9

2021

[QUANUM 3.0: An Updated Tool for Nuclear Medicine Audits](#)

Third Edition

IAEA Human Health Series No. 33

English | STI/PUB/1923 | 978-92-0-127120-4

2021

[Production and Quality Control of Fluorine-18 Labelled Radiopharmaceuticals](#)

IAEA-TECDOC - 1968

English | IAEA-TECDOC-1968 | 978-92-0-122721-8

2021

[Production, Quality Control and Clinical Applications of Radiosynovectomy Agents](#)

IAEA Radioisotopes and Radiopharmaceuticals Reports No. 3

English | STI/PUB/1915 | 978-92-0-118520-4

2020

[Nuclear Medicine Resources Manual 2020 Edition](#)

IAEA Human Health Series No. 37

English | STI/PUB/1861 | 978-92-0-104019-0

2020

[COVID-19 Pandemic: Technical Guidance for Nuclear Medicine Departments](#)

Non-serial Publications

English | IAEA/COV/19-1

2019

[Training Curriculum for Nuclear Medicine Physicians](#)

IAEA-TECDOC - 1883

English | IAEA-TECDOC-1883 | 978-92-0-160219-0

2019

[Predisposal Management of Radioactive Waste from the Use of Radioactive Material in Medicine, Industry, Agriculture, Research and Education](#)

Specific Safety Guide

Specific Safety Guides No. SSG-45

English | STI/PUB/1758 | 978-92-0-111316-0

2019

[SPECT/CT Atlas of Quality Control and Image Artefacts](#)

Human Health Series No. 36

STI/PUB/1860 | 978-92-0-103919-4

2018

[Functions and Processes of the Regulatory Body for Safety](#)

General Safety Guide

General Safety Guides No. GSG-13

English | STI/PUB/1804 | 978-92-0-100718-6

2016

[Nuclear Cardiology: Guidance on the Implementation of SPECT Myocardial Perfusion Imaging](#)

IAEA Human Health Series No. 23 (Rev. 1) | STI/PUB/1753 | ISBN 978-92-0-107616-8

2016

[Atlas of Skeletal SPECT/CT Clinical Images](#)

Human Health Series No. 34

STI/PUB/1748 | 978-92-0-103416-8

2015

[Good Practice for Introducing Radiopharmaceuticals for Clinical Use](#)

IAEA-TECDOC - 1782

2015

[Nuclear Medicine Physics](#)

A Handbook for Teachers and Students

Non-serial Publications

English | STI/PUB/1617 | 978-92-0-143810-2

2015

[Clinical PET/CT Atlas: A Casebook of Imaging in Oncology](#)

IAEA Human Health Series No. 32 | STI/PUB/1680 | ISBN 978-92-0-101115-2

2015

[Radiopharmaceuticals for Sentinel Lymph Node Detection: Status and Trends](#)

IAEA Radioisotopes and Radiopharmaceuticals Series No. 6

English | STI/PUB/1674 | 978-92-0-109714-9

2014

[Radiolabelled Autologous Cells: Methods and Standardization for Clinical Use](#)

IAEA Human Health Series No. 5

English | STI/PUB/1437 | 978-92-0-101310-1

2014

[Guided Intraoperative Scintigraphic Tumour Targeting \(GOSTT\)](#)

Implementing Advanced Hybrid Molecular Imaging and Non-imaging Probes for Advanced Cancer Management

IAEA Human Health Series No. 29

English | STI/PUB/1648 | 978-92-0-102214-1

2014

[Diagnostic Radiology Physics](#)

A Handbook for Teachers and Students

Non-serial Publications

English | STI/PUB/1564 | 978-92-0-131010-1

2014

[PET/CT Atlas on Quality Control and Image Artefacts](#)

Human Health Series No. 27

STI/PUB/1642 | 978-92-0-101014-8

2012

[Nuclear Cardiology: Guidance and Recommendations for Implementation in Developing Countries](#)

Human Health Series No. 23

STI/PUB/1566 | 978-92-0-131710-0

2012

[Nuclear Cardiology: Its Role in Cost Effective Care](#)

IAEA Human Health Series No. 18

English | STI/PUB/1516 | 978-92-0-117410-9

2009

[Radiation Protection in Newer Medical Imaging Techniques: Cardiac CT](#)

Safety Reports Series No. 60

English | STI/PUB/1366 | 978-92-0-111208-8

FORTHCOMING SCIENTIFIC CONFERENCES SCHEDULED BY THE IAEA

2023

International Conference on Effective Nuclear and Radiation Regulatory Systems (CN-309)
13-16 February, Abu Dhabi, United Arab Emirates

International Symposium on Trends in Radiopharmaceuticals (ISTR-2023) (CN-310)
17-21 April, Vienna, Austria

International Symposium on Uranium Raw Material for the Nuclear Fuel Cycle: Innovation for Sustaining Future Resources and Production (URAM-2023) (CN-311)
8-12 May, Vienna, Austria

International Conference on Nuclear Decommissioning: Addressing the Past and Ensuring the Future (CN-312)
15-19 May, Vienna, Austria

International Conference on Computer Security in the Nuclear World: Security for Safety (CN-313)
19-23 June, Vienna, Austria

International Symposium on Isotope Hydrology: Enhancing Water Security in a Changing World (CN-320)
3-7 July, Vienna, Austria

Second International Conference on Climate Change and the Role of Nuclear Power (CN-315)
9-13 October, Vienna, Austria

29th IAEA Fusion Energy Conference (CN-316)
16-21 October, London, United Kingdom

International Conference on the Safety of Radioactive Waste Management, Decommissioning, Environmental Protection and Remediation: Ensuring Safety and Enabling Sustainability (CN-318)
6-10 November, Vienna, Austria

International Conference on Research Reactors: Achievements, Experience and the Way to a Sustainable Future (CN-319)
27-30 November, Dead Sea, Jordan

For information on forthcoming scientific meetings, please consult the IAEA web site: <https://www.iaea.org/events>