

Final Program

Radiology: Science, Art & Technology
رادیولوژی: دانش، هنر و تکنولوژی

38th

IRANIAN
CONGRESS OF
RADIOLOGY

سی و هشتمین
کنگره رادیولوژی ایران

بیستمین کنگره
علوم پرتونگاری ایران
IRANIAN CONGRESS OF
RADIOGRAPHIC
SCIENCES ASSOCIATION

13
2023



۱۹-۲۲ اردیبهشت ۱۴۰۲
مرکز همایش های برج میلاد

9-12 May 2023
Milad Tower Convention Center

In The Name of God

38th

IRANIAN
CONGRESS OF
RADIOLOGY

20th

IRANIAN CONGRESS OF
RADIOGRAPHIC
SCIENCES ASSOCIATION



انجمن رادیولوژی ایران



General Information

Venue

International Conference Center of Tehran Milad Tower, Tehran, Iran

Organizer

38th Iranian Congress of Radiology (ICR 2023) is organized by the Iranian Society of Radiology.

Date

May 9-12, 2023

Language

The language of the congress is English and Persian
Secretariat Registration

Registration fee includes: 4000000 Rial

- Admission to scientific sessions and commercial exhibition

Scientific Program Secretarial

Assistance and information regarding the scientific program will be provided by secretariat at conference center lobby.

Speaker Ready Room

The slide preview room is located in lobby at the east (left) side of the main hall. Lecturers are requested to submit their presentations at least 30 minutes before their session. The presentation should be in Power Point format. The files should be in portable media format supplied in flash-disk or CD.

VIP Room

The VIP room (Molavi Hall) is available for all ICR2023 speakers on -1/B1 floor at Conference Center.

Electronic Posters

This year we only accept posters in electronic format. All posters should be prepared in PowerPoint 2016 format similar to a regular lecture presentation but with more description to let them be used stand-alone. Posters will be displayed in a specific site at lobby on several workstations.

Congress Badge

Participants are requested to always wear their badges. The badges contain a bar-code which will be used for registering your entrance into the halls and also restaurants.

Workshop Registration

Workshops need separate registration. workshop schedule will be available at www.isr.org.ir

Meals

Coffee break will be available daily at 10:30-11:00, 16:00-16:30 and lunch at 13:00-14:00.

Technical Exhibition

A technical exhibition will take place at the Conference Center, sufficient time during intermissions is reserved for visiting the booths of leading sponsors (Medical Engineering Companies), which present their latest achievements and give you ample expert information.

Society Booth

The Iranian Society of Radiology booth is located on ground floor. Application forms and general information for membership are available. It provides membership services, information and an opportunity to pay annual dues for the society.



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2023



Morteza Sanei Taheri, MD

President of
Iranian Society of Radiology

By the grace of god, we are proud to welcome the distinguished faculty, young talents and all members of the Iranian society of Radiology to the **38th Iranian congress of radiology**.

This year, thanks to the devoted and relentless efforts of our planning committee including President of 38th Iranian Congress of Radiology: Dr. Morteza Tahmasebi and scientific secretary Dr. Babak Salevatipour, we aim to deliver quality training sessions to cover various aspects of imaging that address the educational needs of our society as well as providing the atmosphere for effective communication between colleagues for sharing new experiences and latest developments in the science of radiology.

This congress offers the opportunity to gain CME points for those colleagues who have made their registration through the CME portal. Finally, I take this opportunity to thank all members of our faculty, lecturers and representatives of sponsor companies whose valuable contribution made the formidable task of organizing and conducting this event possible.

Welcome Message



Morteza Tahmasebi, MD

**President of
38th Iranian congress of Radiology**

Welcome message-38th ICR President

Radiology as a guide for medical Diagnosis and Control of treatments

By the Year 2023 (May 9-12th) our **38th annual congress of Radiology**, a growing need for all medical specialties for documented radiology and imaging is anticipated.

The current decade has witnessed a growing tendency towards medial imaging including MRI, CT, US and in particular hybrid & fusion imaging.

Since radiology is the field of medical science that uses radiation to generate medical imaging to detect abnormalities, tumors and etc. AI algorithms can automatically detect complex anomalous patterns in image data to provide an assistive diagnosis for patients.

Iran is one of the oldest nations in the world, with a reputation for its hospitality, medical systems, services & Jundishapur university .



The history of the university dates back to the sixth century A.D. when it was the Academy of Gundishapur. It was then the intellectual center of the Sassanid Empire. At that time, it offered training programs in Medicine, Philosophy, Theology, and Science. We hope that by taking advantage of the scientific history of the Academy of Gundishapur, we can be a proud host for the our guests

The main themes of this year's congress are:

- Women imaging
- Musculoskeletal imaging
- Hybrid imaging

On behalf of all members of the Iranian 38th congress of Radiology and board of chairs, I want to say welcome to the guests of our 38th annual congress in Milad Conference center of Tehran , Iran.

Thanks to all our guests from Iran and other countries around Iran or overseas, all Iranians and all foreigners who accepted our invitation.

Welcome Message



Babak Salevatipour, MD

Scientific Secretary of
38th Iranian Congress of Radiology-2023

Welcome Message

Dear Colleagues,

It is my greatest pleasure to welcome you to the 38th Iranian Congress of Radiology (ICR-2023) to be held on May 9-12, 2023 in Tehran, Iran.

The 38th annual ICR is scheduled to consist of four main themes including Musculoskeletal Imaging, Obstetric imaging, Gynecologic imaging and Hybrid imaging. Obviously, like previous ICRs, this congress will take a look at other medical imaging issues, as well.

These include both new advances and CME programs in Gastrointestinal Imaging, Neuroradiology, Genitourinary Radiology, Pediatric Radiology, Head & Neck Radiology, Interventional Radiology, Imaging Informatics and Legal Issues in Radiology.

As the main message of this congress suggests, Hybrid imaging including PET/CT that has witnessed remarkable advancements over the past years, planned to be discussed more in details in this congress.



The most demanding part of this congress is predicted to be the practical multi-disciplinary expert panels in main themes and workshops.

The congress program includes educational presentations by invited expert lecturers, CME packages, refresher courses, scientific research-based oral and poster presentations, workshops and medical imaging technical exhibition. Moreover, the general assembly of Iranian Society of Radiology (ISR) is scheduled to take place at congress venue.

I appreciate the sincere effort and collaboration of my colleagues in the scientific/planning committee of this congress.

I'm sure all participants will take full advantages of many opportunities to share experience and communicate with their colleagues, to enhance the educational aspects and to optimize clinical skills during the congress and I wish you a wonderful experience.

Welcome Message



IRSA
2023



Morteza Afra, BSc

President of the Iranian Association of
Radiographic Sciences

Welcome Message

Dear colleagues, friends and guests.

As the President of IRSA, I am pleased to welcome you to the **20th Congress of the Iranian Society of Radiographic Sciences**.

This conference provides an opportunity to present updated results related to theoretical and applied research in the field of medical imaging.

Through this conference, we want to have a constructive discussion with all of you about the latest techniques and achievements of medical imaging and its effective role in the diagnosis and treatment of diseases.

The scientific committee of the congress has carefully reviewed the scientific articles and the latest research submitted to the committee and shared them at this event.

We should all be very proud of where we are today and excited about where we are going.

Before ending, I would like to thank each and every one of you for attending this scientific event and providing your expertise to this conference.



Reza Ghasemzade, MS

Director of the 20th Congress of
Iran Radiographic Status Society



Dear colleagues,

As the president and scientific secretary of the congress, It is my honor to welcome you to the **20th Congress of Radiographic Sciences**.

In this event, it has been tried to provide a unique opportunity for improving and exchanging expertise and knowledge for the colleagues and gaining updates as well.

In addition, the congress will also be concerned with the importance of being more familiar with new modalities, techniques and applications so the latest radiographic guidelines will be introduced.

Therefore, the congress has brought together a team of the best medical imaging physicists and application specialists, along with the country's prominent radiographers, for discussing and judging.

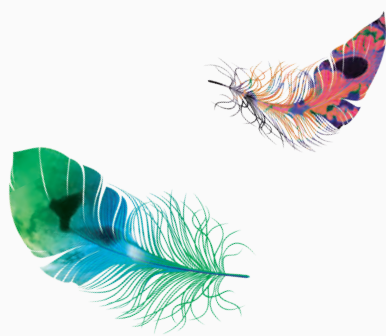
Main themes of the congress are Abdominal, pelvic and Breast Imaging, MSK and Artificial Intelligence in Radiology with a special focus on creating and performing innovative medical imaging methods to achieve the best diagnosis.

Welcome Message

Honorary President of 38th Iranian Congress of Radiology-2023



Ahmad Soltani Shirazi, MD



Advisory Committee of 38th ICR

Advisory Committee of 38th ICR



Leila Aghaghazvini



Hamidreza Haghighatkah



Ali Hekmatnia



Amir Reza Radmard



Alireza Radpour



Farahnaz Falahati



Mohammadali Karimi



Morteza Sanei Taheri



Abdolrasoul Sedaghat



Babak Salevatipour



Morteza Tahmasebi

Scientific Committee of ICR 2023



● President of 38 th ICR

M. Tahmasebi. MD

Associate Professor of Radiology
Jundishapur University
Ahvaz, Iran



● Scientific Secretary of 38 th ICR

B. Salevatipour. MD

Assistant Professor of Radiology,
Shahid Beheshti University of Medical Sciences,
Loghman Hakim Hospital, Tehran, Iran



● Young ICR of 38 th ICR

A. Abrishami. MD

Assistant Professor of Radiology,
Shahid Beheshti University of Medical Sciences,
Tehran, Iran.



● GYN Imaging of 38 th ICR

F. Ahmadi. MD

Associate Professor of Radiologist,
Reproductive Biomedicine Research Center,
Royan Institute for Reproductive Biomedicine,
ACECR, Tehran, Iran



● Hybrid Imaging of 38 th ICR

M. Bakhshayeshkaran. MD

Professor of Radiology, Masihe Daneshvari Hospital, Shahid Behesti University of Medical Sciences, Tehran, Iran



● GI Imaging of 38 th ICR

P. Dehghan. MD. MBA

Associate Professor of Radiology, Taleghani Hospital, Shahid Behesti University of Medical Sciences, Tehran, Iran



● OB Imaging of 38 th ICR

A. Hashemiattar. MD

Assistant Professor of Radiology
Faculty of Medicine, Mashhad Medical Sciences,
Islamic Azad University of Mashhad, Iran



● Pediatric Imaging of 38 th ICR

M. Khalili. MD

Assistant Professor of Radiology,
Mofid Children Hospital, Shahid Beheshti
University of Medical Science, Tehran, Iran



● Cardiothoracic Imaging of 38 th ICR

H. Pouraliakbar. MD

Associate professor of radiology, Rajaie Cardiovascular Medical and Research Center, Iran University of Medical Sciences, Tehran, Iran



● GU Imaging of 38 th ICR

D. Saedi. MD

Ex-assistant Professor of
Iran University of Medical Sciences
Tehran, Iran



● Case of The Day of 38 th ICR

Gh. JamalipourSoufi. MD

Assistant Professor of Radiology,
Isfahan University of Medical Sciences,
Isfahan, Iran



● AI in Radiology of 38 th ICR

A. Shakibafard. MD

Head of Imaging Informatics Committee
Iranian Society of Radiology



● Head & Neck Imaging of 38 th ICR

Sh. Sharifkashani. MD

Assistant Professor of Radiology
Farabi Eye Hospital, Tehran University of
Medical Sciences, Tehran, Iran



● Interventional Radiology of 38 th ICR

A. Motamedfar. MD

Interventional Radiologist, Assistant Professor
of Ahvaz Jundishapur University of Medical
Sciences, Ahvaz, Iran



● MSK Imaging of 38 th ICR

S.H. Mostafavi. MD

Ex-assistant Professor of
Iran University of Medical Sciences
Tehran, Iran



● Research of 38 th ICR

M.A. Karimi. MD

Radiologist,
Board Member, Iranian Society of Radiology



● Workshops of 38 th ICR

H. Haghighatkhah. MD

Professor of Radiology,
Shahid Beheshti University of Medical Sciences
Tehran, Iran



● Resident Quiz of 38 th ICR

M. Amouei. MD

Department of Radiology, Shariati Hospital,
Tehran University of Medical Sciences
Tehran, Iran



● Resident Quiz of 38 th ICR

F. Hashemi. MD

Radiologist,
Tehran, Iran



● Resident Quiz of 38 th ICR

Z. Ghomi. MD

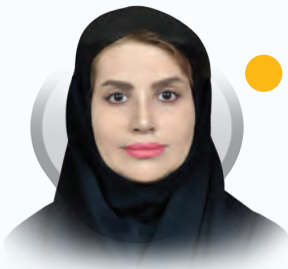
Assistant Professor of Radiology
Mofid Childrens Hospital
Shahid Beheshti University of Medical Sciences
Tehran, Iran



● Board Review of 38 th ICR

H. Hashemi. MD

Professor of Radiology
Tehran University of Medical Sciences
Tehran, Iran



● Neuroradiology of 38 th ICR

M. Mohammadifard. MD

Associate Professor of Radiology,
Fellowship of Interventional Radiology,
Birjand University of Medical Sciences



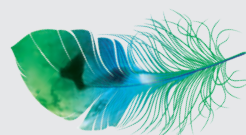
● Breast Imaging of 38 th ICR

N. Sadighi. MD

Associate Professor of Radiology
Tehran University of Medical Sciences
Tehran, Iran

Scientific Committee of IRSA 2023

Mohammad Akbarnejad, MSc
Khosro Adelian, BSC
Mahmoodreza Aghamiri, PhD
Fariborz Faeghi, PhD
Javad Ghasemi, BSC
Reza Ghasemzadeh, BSC
Ramin Jaber, PhD
Vahid Changizi, PhD
Seyyed Mohammad Bagher Hosseini Nasab, MSc
Ali Mohammadzadeh, MD
Hossein Mozdarani, PhD
Manizheh Pakravan, MSc
Fateme Pakniyat, PhD
Majid Roshanfekar, BSC
Behrouz Rafiei, MSc
Ali Saeedi, BSC
Hedayatollah Soroush, MSc
Mohsen Shojaei Moghadam, MSc
Ali Shabestani Monfared, PhD
Shayar Saramad, PhD



Sponsors of ICR 2023

DIAMOND

تجهیزات
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ARIAN DARMAN PAJOUH



Gold Medalists of ICR 2023



Jalal Jalal Shokouhi. MD



Shahram Akhlaghpour. MD



Abdolrasoul Sedaghat. MD

Executive Committee of ICR 2023



Farahnaz Falahati



Mehdi Faraji



Mahsa Sobhi



Fateme Rezaee



Arpineh Anjargholi



Masoud Ghasemi

Executive Committee of ICR 2023



www.isr.org.ir

Program At A Glance



Tuesday / 9 May 2023

	Main Hall (Hafez)	Sadi / 150	Roodaki / 150	Hall 1 / 60	Hall 2 / 40	Hall 3 / 60	Hall 4 / 100	Hall 5 / 100	Hall 7 / 60	Hall 8 / 60	VIP / 90
08:30-10:30	OB-1	MSK-1	Young ICR-1	Tech		AI-1	Pre-quiz	H&N-1	Int-1		
11:00-13:00	Breast-1	GI-1	Bo Rev-1,2	Tech	SP-1		Cardio Thoracic-1	Neuro-1	Int-2		WS
											WS
13:00-14:00	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
14:00-16:00	GYN-1	MSK-2	Quiz	Tech	SP-2	Ped-1	WS	Neuro-2	Int-3		WS
							WS				
16:00-17:00		Bo Rev-3				Tech	WS		Int-4		
17:00-19:00	Opening Ceremony										

Wednesday / 10 May 2023

	Main Hall (Hafez)	Sadi / 150	Roodaki / 150	Hall 1 / 60	Hall 2 / 40	Hall 3 / 60	Hall 4 / 100	Hall 5 / 100	Hall 7 / 60	Hall 8 / 60	VIP / 90
08:30-10:30	OB-2	MSK-3	GI-2	Tech	SP-3	Ped-2	Tech		Int-5		WS
11:00-13:00	GYN-2	Breast-2	MSK-4	WS		Tech	Tech	WS	Int-6		WS
13:00-14:00	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
14:00-16:00	OB-3	GI-3	H&N-2	Tech	WS	AI-2	Cardio Thoracic-2	Tech	Int-7		WS
					WS						
16:30-18:30	Breast-3	GU-1	Tech	WS		AI-3	Young ICR-2	Tech	WS		WS
18:30-19:30		Bo Rev-4									



Program At A Glance

Thursday / 11 May 2023

	Main Hall (Hafez)	Sadi / 150	Roodaki / 150	Hall 1 / 60	Hall 2 / 40	Hall 3 / 60	Hall 4 / 100	Hall 5 / 100	Hall 7 / 60	Hall 8 / 60	VIP / 90
08:30-10:30	MSK-5	Breast-4	Tech	Tech		Tech	Neuro-3	Young ICR-3	Int-8	WS	WS
11:00-13:00	OB-4	GI-4	Tech	WS		Tech	Cardio Thoracic-3	GU-2	Int-9	WS	WS
13:00-14:00	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
14:00-16:00	GYN-3	GI-5	Tech			WS	WS	Bo Rev-5,6	Int-10	WS	WS
16:00-18:00	General Assembly	Bo Rev-7,8	Tech				Tech				
18:00-20:00	ICR Grand Ceremony										

Friday / 12 May 2023

	Main Hall (Hafez)	Sadi / 150	Roodaki / 150	Hall 1 / 60	Hall 2 / 40	Hall 3 / 60	Hall 4 / 100	Hall 5 / 100	Hall 7 / 60	Hall 8 / 60	VIP / 90
08:30-10:30	MSK-6	OB-5	GYN-4	PET/CT			Bo Rev-9		Int-11		WS
11:00-12:30	Common Mistakes in Radiology Practice	Bo Rev-10	WS	WS			WS	Tech	Int-12		WS



GENERAL INFORMATION

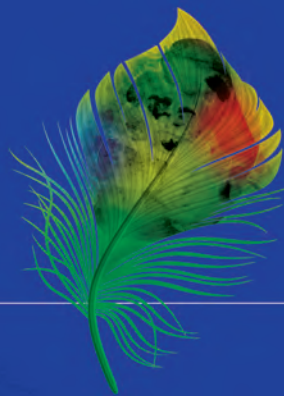
Bo Rev:	Board Review
Tech:	Technologist Session
OB:	Obstetrics Imaging
GYN:	Gynecologic Imaging
GU:	Genitourinary Imaging
GI:	Gastrointestinal Imaging
Ped:	Pediatric Imaging

H&N:	Head & Neck Imaging
SP:	Scientific Papers
MSK:	Musculoskeletal Imaging
AI:	Artificial Intelligence
Int:	Interventional Radiology
WS:	Workshop
PET/CT	

IA
2023

Radiology:
Science
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رادیولوژی:
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FINAL PROGRAM



9-12 May 2023

۱۹ - ۲۲ اردیبهشت ۱۴۰۲

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مرکز همایش‌های بین‌المللی برج میلاد تهران

38th

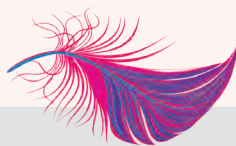
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IRANIAN CONGRESS OF
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TUESDAY



9 MAY 2023

Hall Hafez

Session OB I

Multiple Pregnancy

Chairs:

Morteza Tahmasebi
Violet Adib
Firoozeh Ahmadi
Leila Bayani

08:30 How to Report Multiple Pregnancy in 1st and 2nd Trimester of Pregnancy
Morteza Tahmasebi

08:50 1st Trimester Screening in Multiple Pregnancy
Zeinab Safarpour Lima

09:10 Selective IUGR in Twin Pregnancy
Somayeh Hajiahmadi

09:30 Panel: Monochorionic Twin's Complications (TTTS, TRAPS, TAPS)

Moderator:

Narges Afzali

Panelists:

Fatemeh Rahimi Shearbafe (Perinatologist)
Firoozeh Ahmadi (Radiologist)
Violet Adib (Radiologist)

Coffee Break 10:30-11:00

Session Breast I

Chairs:

Masoumeh Gity
Donya Farrokh
Amin Astani

11:00 Advances and Frontiers of Breast Imaging
Amin Astani

11:30 Contrast-enhanced Mammography
Parisa Aminzadeh

12:00 Panel Discussion: Multidisciplinary Management of High Risk Breast Lesions

Moderator:

Masoumeh Gity (Radiologist)

Panelists:

Amin Astani (Radiologist)
Parisa Aminzadeh (Radiologist)
Farid Azmoude-Ardalan (Pathologist)
Ali Arab Kheradmand (Surgeon)

Lunch 13:00-14:00

Tuesday

9 May 2023

Session GYN I

14:00-16:00

Chairs:

Morteza Tahmasebi
Hamidreza Haghighatkhah
Ahmad Vosough

14:00 Postpartum Complications and Disease (Review of Imaging Appearance)
Sepideh Sefidbakht

14:20 Uterine Vascular Abnormalities (AVM Congenital and Acquired) Teaching Points for Radiologist
Behnaz Moradi

14:40 Uterine and Ovarian Transplantation (What the Radiologist Needs to Know)
Morteza Tahmasebi

15:00 Adnexal Torsion (Review of Radiologic Appearances)
Ahmad Soltani Shirazi

15:20 Imaging of the Vaginal Disease
Golnaz Izadi

15:40 Pediatric GYN Sonography
Mehrzaad Mehdizadeh

Hall Sadi

Session MSK I

Shoulder Imaging

08:30-10:30

Chairs:

Hassan Hashemi
Pooneh Dehghan
Babak Shekarchi

08:30 Rotator Cuff Tear: The Tips and Pearls
Babak Shekarchi

08:50 Rotator Cuff Repair: How to Report?
Parham Pezeshk

09:10 Glenoid Labral Tear: What Radiologist Needs to Know
Mahrooz Malek

09:30 Shoulder X-Ray: Image Optimization and Orthopedic Surgeons View
Morteza Nakhaei Amroodi

09:50 Shoulder Imaging Panel: Radiologist-Clinician Point of View

Coordinator:

Pooneh Dehghan

Panelists:

Morteza Nakhaei Amroodi (Orthopedist)
Leila Aghaghazvini (Radiologist)
Meysam Velayati (Radiologist)

Coffee Break 10:30-11:00

Tuesday

9 May 2023

Session GI I

Abdominal Emergencies

11:00-13:00

Chairs:

Hamidreza Haghighatkah
Makhtoom Shahnazi

11:00 Imaging in Abdominal Trauma: Solid Organ Injuries

Alireza Dehghan

11:25 Abdominal Trauma: Hollow Viscus and Mesenteric Injuries

Hooman Bahrami Motlagh

11:50 Mesenteric Ischemia: From Basics to Clinical Application

Amir Reza Radmard

12:15 Small Bowel Obstruction: When do We Have to Worry?

Nematollah Nematollahi

12:40 Imaging in GI Bleeding: How to Investigate and What to Look for?

Hamidreza Haghighatkah

Lunch 13:00-14:00

Session MSK II

Hip Imaging

14:00-16:00

Chairs:

Ali Radmehr
Mehdi Karami
Sara Parviz

14:00 Sonography of the Muscles

Mehdi Karami

14:20 MSK Interventional Procedures

Shahram Akhlaghpour

14:40 Understanding Femoroacetabular Impingement Imaging

Mansoor Fatehi

15:00 New Insights into the Hip Joint X-Ray: When Would A Patient Needs an MRI?

Morteza Kalhor (Orthopedist)

15:20 Hip Imaging Panel: Radiologist-Clinician Point of View

Coordinator:

Sara Parviz (Radiologist)

Panelists:

Morteza Kalhor (Orthopedist)
Seyed Mohammad Javad Mortazavi (Orthopedist)
Mahrooz Malek (Radiologist)

Session Board Review III

16:00-17:00

Mahyar Mohammadifard

Hall Roodaki

Session Young ICR I

08:30-10:30

Chairs:

Ali Hekmatnia
Alireza Abrishami
Sepehr Haghighi

1. Zahra Ghomi
2. Neda Azin
3. Ala Torabi
4. Shahriar Kolahi
5. Siavash Ghahhari
6. Reza Naseri
7. Farzad Tahmasebi
8. Mohammad Seyed Sarabi
9. Seyed Mohammad Hossein Alamolhodaei
10. Sahar Sarami
11. Shadi Nouri
12. Mahsa Karbasi

Coffee Break 10:30-11:00

Session Board Review I, II

11:00-12:00

Sepideh Sefidbakht

12:00-13:00

Ali Radmehr

Lunch 13:00-14:00

Session Resident Quiz

14:00-16:00

Judging Panel:

Amirreza Radmard
Maryam Haghighi Morad
Pooneh Dehghan

Hall 1

Session Tech

09:30 The Position of the Medical Imaging Technologist in the Design of Radiotherapy

Ramin Jaberi
Behjat Haghighiyan

Coffee Break 10:30-11:00

Session Tech

11:00 Quality Assurance in Medical Radiography Department

Ali Shabestani Monfared

12:00 Quality Control in MRI

Iman Azinkhah

Lunch 13:00-14:00

Session Tech

14:00 Principles and Applications of PET/MRI

Saeed Erfanijoo

15:00 The Role of MRI in the Prostate: New Principles and Methods

Maryam Farsi

Tuesday

9 May 2023

Hall 2

Session SP I

Chair: Hossein Soleiman Tabar

11:00 Predictive Power of Cranial CT Scan Parameters in Outcomes of Patients with Traumatic Brain Injury Based on NIRIS Scoring System in Iran
Samira Ahmadian Fard

11:12 Radiomics Science, A Horizon for Early Diagnosis of Brain Metastasis Caused by Non-small Cell Lung Cancer: A Review of the Literature
Zahra Valibeiglou

11:24 The Survey of the Effect of Adding Aspirin to Anti-migraine Drugs on the Severity of the Headache in Patients with Chronic Migraine Headaches with Lateral Venous Sinus Stenosis in MRV: A Double-blind Randomized Clinical Trial
Mohammad Shafiee

11:36 Evaluation of Normal Size and Normogram of Testicular Volume in Iranian Boys 0- 15 Years
Mohammad Shafiee

11:48 Estimation Risk of Exposure-induced Death Associated with Common Computed Tomography Procedures During the COVID-19 in Yazd Province.
Hamed Zamani

12:00 Prevention of Radiation Damages Using Bismuth-epoxy Composite
Mahdi Mansoori Kia

12:12 The Accuracy of Non-contrast Brain CT Scan in Predicting the Presence of A Vascular Etiology in Patients with Primary Intracranial Hemorrhage
Bitra Abbasi

12:24 Trastuzumab Polyethylene Glycol Modified Gold Nanoparticle as Potential Targeted Contrast Agent in Molecular CT Imaging of Cancer Cells
Masoumeh Dastgir

12:36 Determining of the Amount of the Radiation Damage Risk Reduction Using Nanoparticles Composite
Raziyeh Mohammadi

12:48 Esophageal Lung Misdiagnosed as Tracheoesophageal Fistula: A Case Report
Elham Zarei

Lunch 13:00-14:00

Session SP II

Judging Panel:

Mohsen Shati
Mohammadali Karimi
Mahyar Mohammadifard
Afshin Mohammadi

14:00 Effectiveness of Pelvic Ultrasound in the Diagnosis of Central Precocious Puberty and Differentiation from Similar Conditions
Elham Zarei

14:15 Comparison of Mammography and Electroimpedance Mammography as A Breast Screening Modality
Nasrin Ahmadinejad

14:30 Temporal Changes of Lung Computed Tomography Findings Pulmonary COVID-19 Infection
Bitra Abbasi

14:45 Trastuzumab Conjugated PEG - Fe₃O₄@Au Nanoparticles as an MRI Biocompatible Targeted Nano-Contrast Agent: In-vitro and in-vivo Study
Yasin Ayami

15:00 Evaluating the Temporal Changes of Sinus Density in Patients with Acute Cerebral Sinus Vein Thrombosis
Bitra Abbasi

Hall 3

Session AI I

Chairs:

Ali Reza Shakibafard
Mansoor Fatehi

08:30 AI, How to Learn & Use
Zohre Azimifar

09:00 Applying AI in Radiology Practice
Mansoor Fatehi

09:30 Revolutionizing Breast Cancer Detection: Leveraging AI for Improved Mammography
Amir Tofighi Zavareh

09:45 Case Presentation of AI in Mammography
Hamed Dashti

10:00 AI in Handheld Breast Ultrasound and Whole Breast Ultrasound
Masoumeh Gity

10:15 AI in Breast MRI, from the Beginning to the Future (15 min)
Behzad Amanpour Gharaei

Coffee Break 10:30-11:00

Lunch 13:00-14:00

Session Ped I

Chairs:

Seyed Mehdi Ale Hossein
Mitra Khalili

14:00 Imaging in Seizure
Neda Pak

14:20 Imaging Approach in Common Pediatric Emergencies
Ali Alamdaran

14:50 Imaging in Common Pediatric Soft Tissue Masses
Mitra Khalili

15:10 Role of Intervention in Pediatric Vascular Lesions
Hadi Rokni Yazdi

15:30 Common Mistakes in Pediatric Radiology
Elham Zarei

Session Tech

16:00-17:00

Human Resource Management in Medical Imaging Departments (Key Performance Indexes)
Mehdi Azargoon

Hall 4

Session Resident Prequiz

08:30-10:30

Chairs:

Zahra Ghomi
Mehrnab Amouei
Ghazale Jamalipour Soofi
Fariba Hashemi

Coffee Break 10:30-11:00

Tuesday

9 May 2023

Session Cardiothoracic I

11:00-13:00

Chairs:

Marzieh Motevalli
Shapour Shirani

11:00 State of the Art: Coronary CTA
Shapour Shirani

11:25 Role of the CMR in Non Ischemic Cardiomyopathy
Marzieh Motevalli

11:50 4D Flow MRI
Kiara Rezaei Kalantari

12:15 Congenital Heart Disease: Role of CT and CMR
Sanaz Asadian

12:40 Acute and Stable CAD, Role of CCTA
Ramezan Jafaree

Lunch 13:00-14:00

Session Workshop

14:00-16:00

14:00 Dental Imaging & OPG: What a Radiologist Should Know about Practical Tips of Taking Optimal Images and Medico Legal Aspects?
Mehrdad Panjinoosh

Session Workshop

(Tanasateb Co)

15:00 Interactive Case Presentation -temporal Bone
Hashem Sharifian

Session Workshop

16:00-17:00

DEXA Bone Densitometry Interpretation: Interactive Case Review
Alireza Ehsanbakhsh

Hall 5

Session H&N I

Ultrasound and Color Doppler

08:30-10:30

Chairs:

Maryam Haghighimorad
Shapour Shirani

08:30 Papillary Thyroid Carcinoma: Lateral Neck Lymph Nodes Ultrasound Evaluation.
Maryam Haghighimorad

09:00 Significant Carotid Artery Stenosis: Definition and How to Provide a Clinically Useful Report.
Shapour Shirani

09:30 Ultrasound Exam of Thyroid Nodules: How to Provide a Clinically Useful Report? Is the TI-RADS Adequate?
Mohammad Hadi Gharib

10:00 Ultrasound Evaluation of Parotid Solid Mass Lesions: How to Differentiate?
Omid Motamedi

Coffee Break 10:30-11:00

Session Neuro I

11:00-13:00

Chairs:

Ali Hekmatnia
Mahyar Mohammadifard

11:00 New WHO 2021 Classification of Primary Brain Tumours: What the Radiologist Needs to Know
Mohammad Hadi Gharib

11:30 Pediatric Gliomas, What Is New
Ali Hekmatnia
Neda Azin

12:00 Intraventricular Brain Tumor Case Presentation
Mahyar Mohammadifard

12:30 Imaging Pitfalls of Cortical and Low-Grade Primary Tumours
Fatemeh Hosseinabadi

Lunch 13:00-14:00

Session Neuro II

14:00-16:00

Chairs:

Helen Nayeri
Hassan Hashemi

14:00 MR Perfusion-application in Brain Tumours (Excluding Treatment Effects) Cases
Shervin Sharifkashani

14:30 fMRI and DTI Interpretation/Cases
Hassan Hashemi

15:00 MRS Hands-on on Workstations
Aydin Taghiloo

15:30 Problems in the Follow-up (Pseudoprogression and Response) Cases
Helen Nayeri

Hall 7

Session INT I

Neurointervention: Embolization

Chair:

Hossein Ghanaati

08:30 Difficult and Complicated Neurointervention
Alireza Rasekhi

08:50 Role of IR in Management of Spinal AVMs
Mohammad Gharib Salehi

09:10 Endovascular Treatment of Central Aneurysm of Brain
Hossein Ghanaati

09:30 Endovascular Treatment of Brain AVMs
Alireza Rasekhi

09:50 Q & A

Coffee Break 10:30-11:00

Session INT II

Neurointervention: Strictures & Stenting

Chair:

Rambod Salouti

11:00 Treatment of Vein of Galen Aneurysm
Mohammadreza Ahrabi

11:20 Carotid Angioplasty
Arash khameneh

11:40 Vertebral Artery + Steal Syndrome
Mohammadreza Ahrabi

12:00 Ischemic Stroke (Role of IR)
Mohammad gharib Salehi

12:20 Q & A

Tuesday

9 May 2023

Lunch 13:00-14:00

Session INT III

14:00-16:00

Chair:

Hojat Ebrahimi Nik

14:00 Thermal Ablation of Recurrent PTC
Hossein Chegini

14:20 Role of Interventional Radiology in
Thyroid and Neck Neoplasm
Hojat Ebrahimi Nik

14:40 Thermal Ablation of Benign Thyroid
Nodules and Parathyroid Adenoma
Hojat Ebrahimi Nik

15:00 Complication, How to Avoid and How
to Manage
Amin Astani

15:20 Lung Biopsy
Mohammad Reza Sasani

15:40 Q & A

Session INT IV

Cardiothoracic IR

16:00-17:00

Chair:

Rambod Salouti

16:00 Management of Plural and
Pericardial Effusion
Azim Motamedfar

16:15 Lung Nodule Ablation
Rambod Salouti

16:30 Management of Lung AVM
Ali Fani

16:45 Bronchial Artery Embolization
Afshin Mohammadi

Hall #VIP

Session Workshop

(Mehrcom Tajhiz Co)

11:00 Sonography of the Shoulder Joint and
Rotator Cuff Tear: Live Practice
Mehdi Karami

12:00 Sonography of the Elbow, Wrist and
Small Joints: Live Practice
Masih Rikhtegar

Session Workshop

(Takapooteb Co)

14:00-15:00

DBT

Masoumeh Gity

Lobby

Case of The Day

12:00 Case of The Day

WEDNESDAY



10 MAY 2023

Hall Hafez

Session OB II

Abnormal Findings in the 2nd Trimester Anomaly Scan

Chairs:

Elham Keshavarz
Mohammad Ali Karimi
Masoumeh Salamat

08:30 Common Misdiagnoses and Mistakes in the 2nd Trimester Fetal Anomaly Scan

Elham Keshavarz

08:50 Fetal Hands & Feet

Violet Adib

09:10 Late Anomaly Scan

Mohammad Ali Karimi

09:30 Panel: Short Femur

Moderator:

Korosh Shahsavani (Radiologist)

Panelist:

Ehsan Ghayour Karimani (MD. PHD Geneticists)
Sedigheh Hantoushzadeh (Perinatologist)

Coffee Break 10:30-11:00

Session GYN II

Pelvic Mass (Ovary-Uterus)

11:00-13:00

Chairs:

Seyed Ali Gholestanha
Narges Afzali
Maryam Niknezhadi

11:00 Role of Imaging in Differentiation Between Malignant and Benign Uterine Mass

Narges Afzali

11:20 Role of Imaging in Differentiation Between Malignant and Benign Ovarian Mass

Parvaneh Layegh

11:40 Differential Diagnosis of Thickened Endometrium

Fatemeh Safi

12:00 Panel: Malignancy in GYN

Moderator:

Mohammad Ali Karimi (Radiologist)

Panelist:

Firoozeh Sadat Hashemi (Gynecologist)
Parvaneh Layegh (Radiologist)
Fatemeh Safi (Radiologist)
Maedeh Goodarzian (Pathologist)

Lunch 13:00-14:00

Wednesday

10 May 2023

Session OB III

Fetal Growth (Normal and Abnormal)

Chairs:

Morteza Sanei Taheri
Hamidreza Haghighatkhah
Amir Hossein Hashemi Attar

14:00 Assignment of Gestational Age in the 1st, 2nd and 3rd Trimester
Amir Hossein Hashemi Attar

14:20 Common Mistakes in Fetal Biometry
Hamidreza Haghighatkhah

14:40 Role of Doppler Ultrasound in Early Detection of Placental Insufficiency
Sara Parviz

15:00 Panel: Abnormal Fetal Growth (FGR & SGA) Diagnosis and Management

Moderator:

Hamidreza Haghighatkhah (Radiologist)

Panelists:

Morteza Sanei Taheri (Radiologist)
Mohammad Hossein Alamolhodaei (Radiologist)
Salmeh Dadgar (Perinatologist)

Coffee Break 10:30-11:00

Session Breast III

16:30-18:30

Chairs:

Zahra Mahboubi
Masoume Salamat

16:30 BIRADS Category: 3 US Lesions
Niusha Minoo

16:50 IGM
Donya Farrokh

17:10 Imaging of Breast Prosthesis
Behnaz Moradi

17:30 Panel Discussion: Breast Disease During Pregnancy and Lactation and After That, Including IGM

Moderator:

Nahid Sadighi (Radiologist)

Panelists:

Behnaz Moradi (Radiologist)
Behnaz Jahanbin (Pathologist)
Setare Akhavan (Gynecologist)

Hall Sadi

Session MSK III

Wrist, Hand and Fingers Imaging

08:30-10:30

Chairs:

Iraj Honarbakhsh
Reza Alizadeh
Masih Rikhtegar

08:30 Sonography of the Inflammatory Arthritis (RA): What the Radiologist Should Know
Mehdi Karami

08:50 MRI of Thumb UCL Tear
Shahriar Kolahi

09:10 TFCC Tear Imaging: The Pearls
Masih Rikhtegar

09:30 Wrist and Hand X-Ray: What Orthopedic Surgeon Needs to Know?
Farid Najd Mazhar (Orthopedist)

09:50 Wrist Imaging Panel: Radiologist-Clinician Point of View

Moderator:

Masih Rikhtegar (Radiologist)

Panelists:

Farid Najd Mazhar (Orthopedist)
Hooman Shariatzadeh (Orthopedist)
Babak Sanei (Radiologist)

Coffee Break 10:30-11:00

Session Breast II

11:00-13:00

Chairs:

Nasrin Ahmadi Nejad
Elham Neshan
Elham Keshavarz

11:00 Missed Breast Cancer on Mammography
Simin Alerasoul

11:20 Role of PET-CT in Breast Cancer
Khadije Bakhtavar

11:40 Distortion in DBT
Fahime Zainal Khani

12:00 Panel discussion: Multi-disciplinary Management of Patient's Candidate for NACT

Moderator:

Nasrin Ahmadinejad (Radiologist)

Panelists:

Fahime Zainal Khani (Radiologist)
Abdolali Assarian (Surgeon)
Vahid Soleimani (Pathologist)

Lunch 13:00-14:00

Session GI III

Peritoneal Cavity

14:00-16:00

Chairs:

Atousa Adibi
Mohammad Kazem Tarzamni

14:00 Peritoneal Carcinomatosis: Aiding Clinicians by Quantifying Disease Burden (PCI)
Neda Pak

14:25 Non-malignant Peritoneal Involvement
Alireza Amir Maafi

14:50 Internal Hernias: Key Considerations in Imaging
Atousa Adibi

15:15 Role of PET in Peritoneal Cavity Malignancies: Strengths and Short Comings
Mehrdad Bakhshayeshkaram

15:40 Peritoneal Interventions: A case-based Review
Shahram Akhlaghpour

Wednesday

10 May 2023

Session GU I**16:30-18:30****Chairs:**

Shahram Akhlaghpour
Seyed Morteza Bagheri

16:30 A Short Review in Antegrade DJ Placement

Shahram Akhlaghpour

16:50 Case-based Evaluation and Differentiation in Urinary Obstruction
Seyed Morteza Bagheri

17:10 Testicular Mass What Is Benign and What Is Malignant
Mahyar Ghafouri

17:30 Pearls and Pitfalls in Adrenal Lesions "A Case-based Review"
Daryoush Saedi

17:50 How to Interpret Prostate MRI Based on PI-RADS
Mohsen Darabi

18:10 Hybrid Imaging in Renal and Adrenal Masses, How Could be Useful
Mehrdad Bakhshayeshkaram

Session Board Review IV**18:30-19:30**

Mahyar Ghafouri

Hall Roodaki**Session GI II****IBD****08:30-10:30****Chairs:**

Amirreza Radmard
Neamatollah Nematollahi

08:30 Key Points in Performing CT and MR Enterographies
Reza Javadrashid

08:50 Crohn's Disease Revisited
Mehrnaz Amoei

09:10 Perianal Fistulas: Classification and Role of Imaging in Decision Making
Faezeh Khorasanizadeh

09:30 Panel Discussion**Moderator:**

Amir Reza Radmard (Radiologist)

Panellists:

Shabnam Shahrokh (Gastroenterologist)
Saeed Derakhshani (Surgeon)
Reza Javad Rashid (Radiologist)

Coffee Break 10:30-11:00

Session MSK IV

Ankle and Foot Imaging

11:00-13:00

Chairs:

Mahrooz Malek
Fatemeh Karami
Behzad Aminzadeh

11:00 The Ankle Ligaments: Case Review
Mohammad Soltani

11:20 Radiomics and AI in MSK Imaging: The Future of Imaging
Behzad Aminzadeh

11:40 Lateral Hindfoot Impingement
Leila Aghaghazvini

12:00 Ankle and Foot Imaging: What Orthopedic Surgeon Needs to Know?
Gholamreza Naderi (Orthopedist)

12:20 Ankle and Foot Imaging Panel: Radiologist-Clinician Point of View

Coordinator:

Mahrooz Malek (Radiologist)

Panelists:

Gholamreza Naderi (Orthopedist)
Ramin Espandar (Orthopaedist)
Behzad Aminzadeh (Radiologist)

Lunch 13:00-14:00

Session H&N II

Cross-sectional Imaging (MRI & MDCT)

14:00-16:00

Chairs:

Hashem Sharifian
Mohammad Ali Kazemi

14:00 MRI of Chronic Otitis Media (COM): Residual and/or Recurrent Cholesteatoma Versus Granulation Tissue
Hashem Sharifian

14:20 Multiparametric MRI of Tongue Squamous Cell Carcinoma (SCC): Pearls and Pitfalls
Mohammad Ali Kazemi

14:40 MRI Evaluation of Normal Nasopharynx: Imaging Anatomy and Practical MRI Sequences
Maryam Mohammadzadeh

15:00 MDCT Features of Chronic Otitis Media: How to Provide A Clinically Useful Report?
Hashem Sharifian

15:20 MRI Sequences for T-staging of Laryngeal Glottis Carcinoma: Pearls and Pitfalls
Fahimeh Azizinik

15:40 MDCT Features of Fungal Rhinosinusitis: How to Differentiate from Other Rhinosinusitis?
Sheida Javadi

Session Tech

16:30 Deep Learning Techniques and Time Reduction
Mohsen Shojaei Moghadam

17:30 Advanced Imaging Strategies in Brain Tumors
Hedayatollah Soroush

Wednesday

10 May 2023

Hall 1

Session Tech

08:30-10:30

08:30 Clinical Solutions for Technical and Physical Challenges of CT Pulmonary Angiography (Based on 16 Slice CT Scanner)

Khosro Adelian

Ahmad Mohammadbeigi

09:30 Contrast Media Administration in CT
Javad Ghasemi

Coffee Break 10:30-11:00

Session Workshop

(Tanasateb Co)

11:00 Basics of Bowel Ultrasound
Amirreza Radmard

Session Workshop

(Fanavari Co)

12:00 Hepatic Shear Wave Elastography
Mohammad Kazem Tarzamani

Lunch 13:00-14:00

Session Tech

14:00 Acr MRI Imaging Quality Guide
Manizheh Pakravan

15:00 What New in MRI Technology Latest Development in MRI Techniques and Applications
Vahid Shahmaei

Session Workshop

(GE. Co)

16:30-17:30

Fetal Cleft Palate: 2D and Color Doppler Ultrasound
Kourosh Shahsavan

Hall 2

Session SP III

Chair:

Hosein Soleiman Tabar

08:30 Relationship between Thalamic Size and Volume by MRI and Disability in Patients with Multiple Sclerosis
Saeed Naghibi

08:40 High Resolution Computed Tomography (HRCT) in Patients with or Suspected of COVID-19: Determination of Effective Dose and Cancer Risk
Hamed Zamani

08:50 Pregnancy Associated Breast Cancer. Is There any Difference between Clinic Pathological and Ultrasound Findings
Donya Farrokh

09:00 Diagnosis of Covid -19 Disease from Lung Images with Deep Learning
Sahar Fazel

Coffee Break 10:30-11:00

Lunch 13:00-14:00

Session Workshop

(Tanasateb Co)

14:00-15:00

MR and CT Arthrography: Practical Points and Case Review
Meysam Velayati

Session Tech

15:00-16:00

MRI Contrast Media, Clinical Considerations and Safety Issues
(Ahran Tejarat. Co)
Hedayatollah Soroush

Hall 3

Session Ped II

08:30-10:30

Chairs:

Ali Hekmatnia
Zahra Ghomi

Interactive Case-based Presentation in Pediatric Disease
Zahra Ghomi
Fatemeh Zamani

Coffee Break 10:30-11:00

Session Tech

11:00

Deep Learning, Filtering and System Improvement in MRI
Ali Alizadeh

12:00 **Orthopedic Measurement in CT-SCAN**
Alireza Shakibafard

Lunch 13:00-14:00

Session AI II

Imaging Informatics

14:00-16:00

Chairs:

Seyed Hassan Mostafavi
Jalal Jalal Shokouhi

14:00 **Radiomics: Detecting the Invisible**
Mansoor Fatehi

14:30 **How to Select a Radiology Software**
Alireza Shakibafard

15:00 **RIS PACS Integration**
Ali Agah

15:30 **How to Prepare Radiology Materials for Social Media Usage**
Seyed Hassan Mostafavi

Session AI III

Management in Radiology (MIR)

16:30-18:30

Chairs:

Reza Bakhshandepour
Abdolrasoul Sedaghat

16:30 **Radiation Protection in Daily Practice Use**
Rezvan Ravanfar Haghighi

17:00 **Smart Reporting, What's Is It, How to Do It**
Alireza Shakibafard

17:30 **Panel Discussion; Purchase, Maintenance & Service Contract, Tips & Tricks**
Alireza Radpour
Abdolrasoul Sedaghat

Wednesday

10 May 2023

Hall 4

Session Tech

- 08:30** The Role of MRI in the Diagnosis of Multiple Sclerosis
Navid Sarmast Alizadeh
- 09:30** Cardiac Magnetic Resonance Imaging T2 Mapping with or Without Fat Sat
Sadegh Dehghani Nasab

Coffee Break 10:30-11:00

Session Tech (Radiobiology)

- Chairs:**
Hossein Mozdarani
Ramin Jaberi
Fatemeh Pakniyat
Mahmoodreza Aghamiri
- 11:00** Pathologic-based Radiation Dose: Effect of Lung Lesions and Total Severity Score on Radiation Dose in Computed Tomography Scan of COVID-19 Patients
Ahmad Mohammadbeigi
- 11:10** Measuring the Absorbed Dose of Gonads in Prostate Cancer Radiotherapy by Treatment Design and Dosimetry Software
Kiumar Omid

Session Tech (CT-Scan)

- Chairs:**
Ali Mohammadzadeh
Khosro Adelian
Mohammad Akbarnejad
Seyyed Mohammad Bagher Hosseini Nasab
Javad Ghasemi
- 11:30** Applications of Virtual Reality in Radiology
Paria Mohebbi

- 11:40** Image Quality and Radiation Dose Assessment in Different Cardiac CT Angiography Techniques
Amir Dareini

- 11:50** An overview of the minimally invasive method Needle of breast biopsy and Tomosynthesis-guided breast Biopsy
Hengameh Khosravi

Session Tech (MRI)

- Chairs:**
Fariborz Faeghi
Hedayatollah Soroush
Mohsen Shojaei Moghadam
Behrouz Rafiei
Manizheh Pakravan
Ali Saeedi
- 12:00** Map of Brain Networks Extracting from Resting-State fMRI in Alzheimer's Disease, Amnesic Mild Cognitive Impairment, and Normal Aging Subjects
Fatemeh Mohammadian
- 12:10** DCE Versus DWI in Breast Lesions Diagnosis
Navid Sarmast Alizadeh
- 12:20** PET-MRI Hybrid Imaging in the Diagnosis of Glioma
Nahideh Gharehaghaji
- 12:30** Investigating and Implementing Tractography Clustering on Diffusion-Weighted MR Images of the Brain by Using QuickBundles Method with Different Features
Iman Azinkhah
- 12:40** Different Magnetic Resonance Imaging Protocols for Multiple Sclerosis Diagnosis
Navid Sarmast Alizadeh
- 12:50** Differentiation between Progression from Pseudoprogression in Glioblastoma Using Diffusion Weighted Imaging Techniques
Yasaman Bastanipour

Lunch 13:00-14:00

Session CardioThoracic II

Chairs:

Hamidreza Pouraliakbar
Ali Mohammadzadeh

14:00 **Advance Coronary CTA**
Ali Mohammadzadeh

14:25 **Acute Aortic Syndrome: Diagnosis, Prognosis and Treatment**
Maryam Moradi

14:50 **TEVAR: Pre and Post Procedure CTA**
Parham Rabiee

15:15 **Pericardial Disease, Role of Imaging**
Taraneh Faghihi

15:40 **Congenital Anomaly of Aorta**
Mohammad Davoodi

Session Young ICR II

16:30-18:30

Chairs:

Ali Hekmatnia
Alireza Abrishami
Maryam Haghighimorad

1. Saeedeh Shokri
2. Hoda Sadat Sharif
3. Selda Behestani
4. Ehsan Ranjbar
5. Horieh Soleimani Bami
6. Shaghayegh Sadat Khabbaz
7. Mahsa Askari
8. Simin Hashemi
9. Ghazaleh Amjad
10. Amir Afraz Fallah
11. Nazanin Sadraei

Hall 5

Session Workshop

(Mindray Co)

11:00-13:00

11:00 **Interactive Case Presentation in Skeletal Dysplasia**
Mehrzaad Mehdizadeh

Lunch 13:00-14:00

Session Tech

14:00 **Low Dose Ionizing Radiation Induced Genome Instability**
Hossein Mozdarani

15:00 **Radioprotector Biological and Clinical Perspectives-review on the Properties of Melatonin**
Fateme Pakniyat

Session Tech

16:30 **Mr Defecography**
Effat Sheydaian
Morteza Jalilvand
Reza Ghasemzadeh

Wednesday

10 May 2023

Hall 7

Session INT-V

08:30-10:30

Chair:

Alireza Rasekhi

08:30 Percutaneous Management of Complex Collections

Hamidreza Haghighatkhah

Alireza Rasekhi

Shahram Akhlaghpour

Mohammad Saleh Jafarpisheh

Azim Motamedfar

09:30 Recent Advance in TACE

Shahram Akhlaghpour

10:00 Latest in Endovascular Management of Pulmonary Embolism

Amin Astani

Coffee Break 10:30-11:00

Session INT VI

GI

11:00-13:00

Chair:

Hadi Rokni Yazdi

11:00 Interventional Management of GI Fistula

Hadi Rokni Yazdi

11:20 Management of Lower GI Bleeding

Farzad Moradhaseli

11:40 Management of Upper GI Bleeding

Kiara Rezaee Kalantari

12:00 Percutaneous Treatment of Pediatric Venous Malformation

Hadi Rokni Yazdi

12:30 Q & A

Lunch 13:00-14:00

Session INT VII

(GYN, Embolization)

Chair:

Azim Motamedfar

14:00 Breast Intervention

Fariba Zarei

14:20 Perioperative Embolization

Peyman Hashemi

14:40 Pelvic Congestion (IR)

Hamed Iraj

15:00 Splenic Artery Embolization and Indications

Alireza Sattar

15:20 Impotence

Mohammadreza Babaei

15:40 Management of Pseudoaneurysm

Atabak Alafasghari

16:00 Q & A

Session Workshop

(Hirad Teb Co)

16:30-17:30

Chemotherapy Port Insertion and Management of Complication

Mohammad Asare

Hall #VIP

Session Workshop

(GE. Co)

09:30 **Diagnosis and Treatment of Varicose Vein**
Amin Abolhassani Foroughi

Coffee break 10:30-11:00

Session Workshop

(Noavaran Atlas Co)

11:00 **Fetal Echocardiography: Case Presentation**
Ahmadreza Tahmasebpour
Kourosh Shahsavan
Reza Gerami
Behnaz Moradi

Lunch 13:00-14:00

Session Workshop

(Aryaghalb Co / GE Co)

14:00-16:00

14:00 **US-guided VAB**
Nasrin Ahmadinejad
Maryam Rahmani

Session Workshop

(Hirad Teb Co)

17:30 **Amniosynthesis and CVS**
Amirhossein Hashemi Attar

Lobby

Case of The Day

08:00 **Case of The Day**

Wednesday

10 May 2023

THURSDAY

11 MAY 2023



Hall Hafez

Session MSK V

Pediatric MSK Radiology, BMD and Isotope Scan

08:30-10:30

Chairs:

Alireza Shakibafard
Alireza Ehsanbakhsh
Seyed Hassan Mostafavi

08:30 **Tips and Tricks in Lower Limb Alignment Interpretation**
Mansoor Fatehi

08:50 **Scoliosis Imaging and Spine Balance: What Radiologists Should Know?**
Alireza Shakibafard

09:10 **DEXA Bone Densitometry Interpretation: The Practical Tips!**
Alireza Ehsanbakhsh

09:30 **Pediatric DEXA and Whole-Body Densitometry**
Alireza Ehsanbakhsh

09:50 **MSK Nuclear Medicine Imaging: What Radiologists Need to Know?**
Mahasti Amoei

10:10 **Bone Age Imaging: The Practical Tips!**
Elham Zarei

Coffee Break 10:30-11:00

Session OB IV

Imaging of Placenta

Chairs:

Mohammad Kazem Tarzamni
Sepideh Sefidbakht
Ahmad Soltani Shirazi

11:00 **Placental Mesenchymal Dysplasia: Challenges to Differentiate from other Diagnosis**
Somayeh Shirazinezhad

11:20 **Placental Membrane Abnormalities (Uterine Synechiae, Amniotic Band Sequence)**
Narges Afzali

11:40 **Hypoechoic – Anechoic Foci Inside or Around Placenta**
Mojgan Sametzadeh

12:00 **Panel: Disorders of Abnormal Placental Attachment**

Moderator:

Ahmad Soltani Shirazi (Radiologist)

Panelist:

Mohammad Kazem Tarzamni (Radiologist)
Sepideh Sefidbakht (Radiologist)
Maryam Kashanian (Perinatologist)

Lunch 13:00-14:00

Thursday

11 May 2023

Session GYN III

Endometriosis

14:00-16:00

Chairs:

Zahra Ghahremani
Morteza Sanei Taheri
Leila Bayani

14:00 Endometriosis and Posterior Compartment (Ultrasonography, MRI and Mapping)

Morteza Sanei Taheri

14:20 Urinary Tract Endometriosis in Patients with DIE Teaching Point

Leila Bayani

14:40 Uterus in Cases with DIE (A primer for Radiologists)

Masoumeh Raoufi

15:00 Panel: Endometriosis (Diagnosis, Complication and Treatment)

Moderator:

Masoumeh Raoufi (Radiologist)

Panelists:

Ashraf Moeini (Gynecologist)
Narges Biganeh (Urologist)
Morteza Sanei Taheri (Radiologist)
Zahra Ghahremani (Radiologist)
Reza Saadat Mostafavi (Radiologist)

Session General Assembly

16:00-17:00

ICR Grand Ceremony

18:00-20:00

Hall Sadi

Session Breast IV

08:30-10:30

Chairs:

Nahid Sadighi
Elham keshavarz
Toktam Beheshtian

08:30 Nonmass Enhancement in MRI

Khadijeh Bakhtavar

08:50 Staging of Axilla by Imaging in Newly Diagnosed Breast Cancer

Elham Keshavarz

09:10 Targeted and Second Look Ultrasound of Non-palpable Breast Lesions, Pearls and Pitfalls

Sepideh Sefidbakht

09:30 Panel Discussion: Role of Imaging in Staging and Pre Surgical Localization in Breast Conserving Surgery

Moderator:

Nahid Sadighi (Radiologist)

Panelists:

Toktam Beheshtian, (Radiologist)
Sepideh Sefidbakht (Radiologist)
Ramesh Omranipour (surgeon)

Coffee Break 10:30-11:00

Thursday

11 May 2023

Session GI IV

(Hepatobiliary)

11:00-13:00

Chairs:

Hazhir Saberi
Faezeh Salahshour

11:00 Gallbladder Imaging: Multimodality Approach

Nilloofar Ayoubi Yazdi

11:20 Malignant and Benign Biliary Strictures: How Confident Are We?

Faezeh Salahshour

11:40 Hepatic Vascular Disorders: Finding Based Approach to Making the Diagnosis

Pooneh Dehghan

12:00 Panel Discussion

Moderator:

Alireza Rasekhi (Radiologist)

Panelists:

Hazhir Saberi (Radiologist)
Saman Nikeghbalian (Surgeon)
Alireza Shamsaeifar (Surgeon)
Alireza Rezvani (Oncologist)
Alireza Taghavi (Gastroenterologist)

Lunch 13:00-14:00

Session GI V

Clinico-Radiologic-Pathologic Correlation: The Missing Link Multidisciplinary Case Presentation

14:00-16:00

Chairs:

Pooneh Dehghan
Babak Salevatipour

14:00 Case Presentation I

Moderator:

Pooneh Dehghan (Radiologist)

Panelists:

Babak Salevatipour (Radiologist)
Amir Hossein Rabbani (Surgeon)
Hesamoddin Eghlimi (Surgeon)
Mohammad Javad Ehsani Ardakani (Gastroenterologist)
Behzad Hatami (Gastroenterologist)
Maryam Parvizi (Pathologist)

15:00 Case Presentation II

Moderator:

Amir Reza Radmard (Radiologist)

Panelists:

Mehrnām Amoei (Radiologist)
Hiva Saffar (Pathologist)
Nasir Fakhar (Surgeon)

Session Board Review VII, VIII

16:00

Mehrzad Lotfi

17:00

Nahid Sadighi

Hall Roodaki

Session Tech

08:30 Clinical MRI Physicist
Fariborz Faeghi

09:30 Application of DWI in MRI Neuroimaging
Fariborz Faeghi

Coffee Break 10:30-11:00

Session Tech

11:00 Neurospine MRI Tips and Tricks
Ali Saeedi

12:00 Liver MRI Protocols and Techniques
Behrouz Rafiei

Lunch 13:00-14:00

Session Tech

14:00 Pitfalls in MR Mammography
Mostafa Robotjazi

15:00 Comparison of MRI Angiography Techniques in Different Systems (Tips and Tricks)
Seyyed Hasan Fatehi
Farnoosh Moosavi

Session Tech

16:00 Contrast Media Reactions The Role of Radiation Technologists
Kamran Sheikh Sharafi
Saeed Erfanijoo
Reza Ghasemzadeh
Reza Bakhshandepour

17:00 Practical Approach for Optimization coronary CT: Gating Technique, Artifacts and Quality
Masoud Sadrnia
Hossein Farhnak

Hall 1

Session Tech

08:30 Management of Radiation Dose in CT Scan According to Different Diagnostic Applications
Seyyed Mohammad Bagher Hosseini Nasab

09:30 Synchrotron Phase Contrast Imaging
Vahid Changizi

Coffee Break 10:30-11:00

Session Workshop

(GE. Co)

11:00-12:00

3D Sonography in Gynecology "What the Radiologist Needs to Know?"
Firoozeh Ahmadi

Lunch 13:00-14:00

Thursday

11 May 2023

Hall 3

Session Tech

08:30 Indication-technique and Measurements Required in TAVI
Seyed Ali Hosseini

09:30 Brain DTI
Sajad Samat
Iman Azinkhah
Samira Raminfard

Coffee Break 10:30-11:00

Session Tech

11:00 Advanced Reconstruction in Computed Tomography
Behnam Ranjbar
Mohammad Akbarnejad
Nasim Mirzaei Rashed
Amir Dareini

12:00 New Development in CT Scan Techniques and Applications: Dual Energy
Farnoosh Mousavi
Amir Azimi
Mohammad Akbarnejad
Ali Mohammadzadeh

Lunch 13:00-14:00

Session Workshop

14:00-15:00

Spine MRI (Degenerative and Traumatic Disorders): Practical Points in Reporting
Mohammadreza Movahedi
Reza Bakhshandehpour

Hall 4

Session Neuro III

08:30-10:30

Chairs:
Maryam Haghighimorad
Soheila Borji

08:30 Viral and Autoimmune Encephalitis Cases
Omid Ghaemi

08:55 Toxic and Acquired Metabolic Brain Lesions Cases
Maryam Haghighimorad

09:20 MS and Mimics Cases
Amin Abolhassani Foroughi

09:45 Long-Term Brain Effects after Mild to Moderate COVID
Soheila Borji

10:10 Stroke Mimics Cases and Neurotoxicity
Neda Pak

Coffee Break 10:30-11:00

Session Cardiothoracic III

11:00-13:00

Chairs:

Mehrdad Bakhshayesh Karam
Masoumeh Raoufi

11:00 Cavitary Pulmonary Lesions
Hossein Soleimantabar

11:20 Chest Trauma
Masoumeh Raoufi

11:45 Practical Imaging Interpretation in Interstitial Lung Disease
Soheila Zahirifard

12:10 Pulmonary Tuberculosis: Role of Radiology in Diagnosis and Management
Payam Mehrian

12:35 Role of PET CT in Lung Cancer
Mehrdad Bakhshayeshkaram

Lunch 13:00-14:00

Session Workshop

(Mindray Co)

Judging Panel:

Mohammadali Kazemi
Seyed Morteza Bagheri
Alireza Abrishami

14:00 Approach to Bone Tumors and Pediatric Spinal Cord Tumors and Infectious Disease: Interactive Case Review
Ali Hekmatnia
Ghazale Jamalipour soofi
Neda Azin

Session Tech

16:00 Artificial Intelligence Application in Diagnostic Imaging
Hossein Ghadiri

17:00 MRI of Parotid Glands and Facial Nerve Path
Iman Afshar

Hall 5

Session Young ICR III

08:30-10:30

Chairs:

Ali Hekmatnia
Alireza Abrishami
Zahra Mahboobi
1. Pouya Akbari
2. Fariba Alikhani
3. Mahsa Siroeinejad
4. Zahra Aires
5. Kimiya Kazemi
6. Mahdieh Seyyed Ebrahimi
7. Atefeh Navader
8. Sedigheh Rahmani
9. Mahsa Masjedi
10. Amin Kanani
11. Arezoo Shafieioun
12-Mohammad Ebrahim Ghanei

Coffee Break 10:30-11:00

Thursday

11 May 2023

Session GU II**11:00-13:00****Chairs:**

Mohammad Soltani
Minoo Naroienejad

11:00 What Should Radiologist Notice about Last Update in Cystic Renal Masses?

Mohammad Soltani

11:20 Cases and Key Points in Pediatric Renal Masses

Eham Zarei

11:40 Role of Doppler Ultrasound in Evaluation of Dialysis Access Complications

Ramin Ebrahimi

12:00 What Must be Included in Report Renal Solid Masses?

Sara Beshart

12:20 Contrast Media; What Must Radiologists Know before Use?

Hoda Asefi

12:40 Imaging Findings in Evaluation of Inguinal Hernia and Post-treatment Complications

Reza Naseri

Lunch 13:00-14:00

Session Board Review V, VI**14:00-15:00**

Hossein Ghenaati

15:00-16:00

Hamidreza Pouraliakbar

Hall 7**Session INT VIII****08:30-10:30****The Multidisciplinary Management of Liver Tumors**

Alireza Rasekhi (Radiologist)
Hazhir Saberi (Radiologist)
Shahram Akhlaghpour (Radiologist)
Saman Nikeghbalian (Surgeon)
Mohsen Nasiri Toosi (Gastroenterologist)
Kamran Bagheri Lankarani (Gastroenterologist)
Ahmad Ahmadzadeh Deilami (Hematology)
Alireza Taghavi (Gastroenterologist)
Alireza Rezvani (Oncologist)

Coffee Break 10:30-11:00

Session INT IX**GU Interventions****11:00-13:00**

Chair: Alireza Abrishami

11:00 Renal Angioplasty and Stenting
Mohammadreza Azimi Aval

11:20 Interventional Management of Hematuria
Hesamoddin Shahbazi

11:40 Percutaneous Placement of Multiple Biliary Plastic Stents
Abbas Ayoub

12:00 Microwave Ablation Renal Tumors
Peyman Moghadam Shad

12:15 Embolization of Renal Angiomyolipoma
Alireza Abrishami

12:30 Q & A

Lunch 13:00-14:00

Session INT X

Venous Intervention

14:00-16:00

Chair:

Alireza Rasekhi

14:00 Tips and Tricks in Varicose Veins Intervention

Mohammad Nazari

14:15 Management of DVT

Mohammadreza Ahrabi

14:30 Peripheral Venoplasty

Javad Jallili

14:45 Varicose Vein Treatment Options

Amin Astani

15:00 IVC Filter

Mohammad Momen Gharibvand

15:15 Management of Anticoagulant and Antiplatelet Mediation in Adults Undergoing Percutaneous Interventions

Amin Abolhassani Foroughi

15:30 Q & A

Hall 8

Session Workshop

(Mindray Co)

08:30-09:30

Advanced Elastography
Pooneh Dehghan

Session Workshop

(Takapooteb Co)

09:30-10:30

Common Mistakes in Analysis and Interpretation of Bone Densitometry
Alireza Rajaei (Rheumatologist)
Pooneh Dehghan (Radiologist)

Session Workshop

(Takapooteb Co)

11:00-12:00

contrast Mammography CEDM
Amin Astani

Session Workshop

(Tanasateb Co)

12:00-13:00

MR-guided Biopsy
Amin Astani

Lunch 13:00-14:00

Session Workshop

(Mindray Co)

14:00-15:00

How to Make Wire and Marker for Breast Localization
Azim Motamedfar

Session Workshop

15:00-16:00

Knee MRI Interpretation: Interactive Case Review
Reza Alizade

Thursday

11 May 2023

Hall# VIP

Session Workshop

(Fanavari Co)

08:30-10:30

08:30 Fetal Echocardiography: Cardiac Function and Arrhythmia

Reza Gerami

Behnaz Moradi

Coffee Break 10:30-11:00

Session Workshop

(Parsdidegan Co / Tanasateb Co)

11:00-12:00

Breast localization

Nahid Sadighi

khadije Bakhtavar

Lunch 13:00-14:00

Session Workshop

(GE. Co)

14:00-15:00

First Trimester Anomaly Scan

Elham Keshavatz

Session Workshop

(Tanasateb Co)

15:00-16:00

Practical Ultrasound Review of Lower Extremity Varicosis

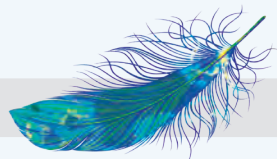
Mehrza Lotfi

Lobby

Case of The Day

08:00 Case of The Day

FRIDAY



12 MAY 2023

Hall Hafez

Session MSK VI

(Knee Imaging)

08:30-10:30

Chairs:

Ali Hekmatnia
Leila Aghaghazvini
Mohammadreza Movahedi

08:30 **Knee Ligaments: Tips and Pearls**
Mohammadreza Movahedi

08:50 **Hybrid Imaging in Benign and Malignant MSK Tumors**
Mehrdad Bakhshayeshkaram

09:10 **Knee Meniscal Tear MRI: How to Report?**
Parham Pezeshk

09:30 **Knee Imaging: What Orthopedic Surgeon Needs to Know?**
Arash Sherafat Vaziri (Orthopedist)

09:50 **Knee Imaging Panel: Radiologist-Clinician Point of View**

Coordinator:

Leila Aghaghazvini (Radiologist)

Panelists:

Arash Sherafat Vaziri (Orthopedist)
Sohrab Keihani (Orthopedist)
Pooneh Dehghan (Radiologist)
Seyed Hassan Mostafavi (Radiologist)

Coffee Break 10:30-11:00

Session

Common Mistakes in Radiology Practice

11:00-12:30

Chairs:

Morteza Ashrafi
Alireza Shakibafard

11:00 **Medicolegal Aspects and Ethics in Radiology Practice**
Alireza Radpour

11:30 **Wide Differences in Contrast Media usage and Premedication**
Alireza Shakibafard

12:00 **Common mistakes in Radiology Reporting; A Worldwide Problem**
Seyed Hassan Mostafavi

12:30 **Radiology Reporting Problems in Iran**
Seyed Hassan Mostafavi

Friday

12 May 2023

Hall Sadi

Session OB V

Standard Evaluation of Fetal Heart in 2nd Trimester Anomaly Scan

08:30-10:30

Chairs:

Ahmadreza Tahmasebpour
Behnaz Moradi
Reza Gerami
Mohammadali Karimi

08:30 **The 4-chamber View and Situs: Normal and Common Abnormalities**
Behnaz Moradi

09:05 **The Outflow Tracts: Normal and Common Abnormalities**
Reza Gerami

09:35 **The 3-vessels View and 3-vessels Tracheal View: Normal and Common Abnormalities**
Ahmadreza Tahmasebpour

10:05 **The Fetal Veins at the Cardiac Level (SVC, IVC, PVs, Azygos, CS, Brachiocephalic Veins)**
Mohammad Ali Karimi

Coffee Break 10:30-11:00

Session Board Review X

11:00-12:00

Hassan Hashemi

Hall Roodaki

Session GYN IV

Infertility

08:30-10:30

Chairs: Sharareh Sanei Sistani
Zeinab Safarpour Lima
Ahmad Soltani Shirazi

08:30 **Evaluation of Fallopian Tubes Patency (Infertility and ART Failure)**
Sharareh Sanei Sistani

08:50 **Evaluation of the Cesarean Scar Defect and Complications**
Firoozeh Ahmadi

09:10 **Intra Uterine Adhesion (The Role of Imaging)**
Maryam Niknejadi

09:30 **Panel: Ismocele, ('Infertility' Complication, Treatment)**

Hydrosalpinx, ('Infertility' Complication, Treatment)

Uterine Adhesion, ('Infertility' Complication, Treatment)

Moderator:
Leila Bayani (Radiologist)

Panelists:
Parisa Mostafaei (Gynecologist)
Firoozeh Ahmadi (Radiologist)
Maryam Niknejadi (Radiologist)
Morteza Tahmasebi (Radiologist)

Coffee break 10:30-11:00

Session Workshop

(Philips Co)

11:00-12:30

Basic of 2nd Trimester Anomaly Scan
Ahmadreza Tahmasebpour

Hall 1

Session PET-CT

08:30-10:30

Chair:

Ali Shakourirad

08:30 Normal Pattern of FDG Uptake
Samira Mirzaei

08:50 FDG PET/CT Artifacts and Pitfalls
Hoda Asefi

09:15 FDG PET/CT in Treatment Response
Evaluation in Oncology
Maryam Mohammadzadeh

09:40 Distinguishing Post Treatment
Changes from Malignancy at FDG
FDG PET/CT
Golnaz Moradi

10:05 The Impact of Infection and
Inflammation in Oncologic FDG PET/
CT
Mohammad Amiri

Coffee Break 10:30-11:00

Session Workshop

(Tehran Fuka Co)

11:00-12:30

Basics of Abdominal Interventions:
What General Radiologists Should
Know
Mohammad Hossein Ahrar Yazdi

Hall 4

Session Board Review IX

08:30-09:30

Morteza Sanei Taheri
Hamidreza Haghighatkah

Coffee break 10:30-11:00

Session Workshop

(Mindray Co)

11:00-12:30

HSG- Case Review
Morteza Tahmasebi
Sharare Sanei Sistani

Hall 5

Session Tech

11:00-12:30

IRSA General Assembly

Coffee Break 10:30-11:00

Friday

12 May 2023

Hall 7

Session INT XI

08:30-10:30

Chair:

Mohammad Reza Babaei

08:30 Diagnosis and Management of HCC
Hazhir Saberi

08:50 Bariatric Embolization for the treatment of Obesity
Mohammad Moameni

09:10 Geniculate Artery Embolization
Mohammad Hossein Ahrar

09:30 Epidural Nerve Block
Ali Mahdavi

09:50 Osteoid Osteomas
Masoud Pezeshki Rad

10:10 Q & A

Coffee Break 10:30-11:00

Session INT XII

Chair:

Alireza Rasekhi

11:00 Case Presentation
Alireza Rasekhi

11:30 Future of Interventional Radiology in Iran and Professional Units
Hossein Ghanaati

Hall #VIP

Session Workshop

(Tehran Fuka Co)

08:30-09:30

MR/TRUS Fusion Guided Prostate Biopsy
Mahyar Ghafouri

Coffee Break 10:30-11:00

Session Workshop

(Noavaran Atlas Co)

11:00 Sonography of the Lower Extremity (Hip, Knee and Ankle): Live Practice
Farrokh Naderi

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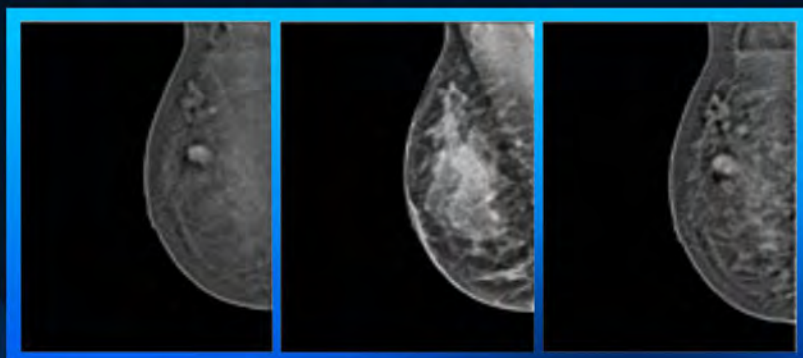




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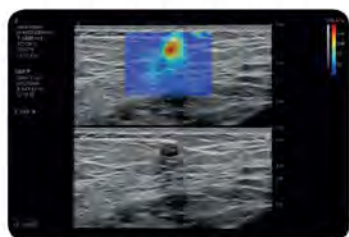
❖ پیشرفته ترین و دقیق ترین الاستوگرافی شیر ویو
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❖ مشاهده بیشترین جزئیات آناتومیکی و رزولوشن بالای تصاویر و عمق نفوذ بسیار بالا (45cm)

❖ مجهز به داپلر بسیار پیشرفته و دقیق UltraFast Doppler
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قابلیت تصویربرداری بسیار سریع با سرعت ۲۰.۰۰۰ فریم در ثانیه که باعث افزایش رزولوشن شده و تصاویر با کیفیت و دقت بالایی را ارائه می دهد.

UltraFast Doppler

دستگاه دارای سرعت و حساسیت بسیار بالا در داپلر می باشد که کلیه تصاویر و داپلر را در فاصله زمانی ۲ تا ۴ ثانیه دریافت نموده و امکان بازیابی اطلاعات داپلر را پس از فریز کردن تصاویر، در سه نقطه مجزا به صورت همزمان به همراه اندازه گیری های دقیق سرعت خون فراهم می سازد.

2D Real Time ShearWave Elastography

الاستوگرافی شیریو منحصر به فرد سوپرسونیک در تمامی پروپ ها فعال بوده که تنها الاستوگرافی دقیق و قابل اعتماد و دارای تاییدیه امریکا می باشد که امکان بررسی کلیه توده های پستان، تروئید، پروستات و کبد را فراهم می کند و همچنین دارای الاستوگرافی جهت بررسی عضلات، عصب و تاندونها (MSK) نیز می باشد.

Liver Fibrosis Assessment

دستگاه دارای دقیق ترین ابزار جهت بررسی فیبروز کبد، با قابلیت نمایش *Real Time* و اندازه گیری بصورت کمی و کیفی بوده و همچنین دارای پارامترهای اندازه گیری و تشخیص گرید کبد چرب بصورت کمی نیز می باشد.

AngioPLUS

جدیدترین تکنیک تصویربرداری در آشکارسازی و نمایش عروق بسیار ریز با جریان و سرعت پایین بوده و امکان نمایش *MicroVascular Flow* در شکم و بافت سطحی را فراهم می سازد که امکان بررسی خون رسانی توده های مختلف را به کاربر می دهد.

TriVu

قابلیت تصویربرداری و نمایش همزمان سه مد: 2D، الاستوگرافی *ShearWave* و *Color* که امکان بررسی همزمان *Stiffness* و خون رسانی بافت و توده های مختلف را فراهم می سازد.

Image Quality

مشاهده بیشترین جزئیات آناتومیک در سونوگرافی بارداری، زنان، *Breast*، *MSK*، شکم، لگن، تیروئید، اندام، کبد، کلیه و *General* با بهره مندی از تکنولوژی *Single Crystal* در ساخت پروپ و نیز نرم افزارهای پیشرفته جهت پردازش تصویر در دو حالت *Real Time* و *Post Processing*





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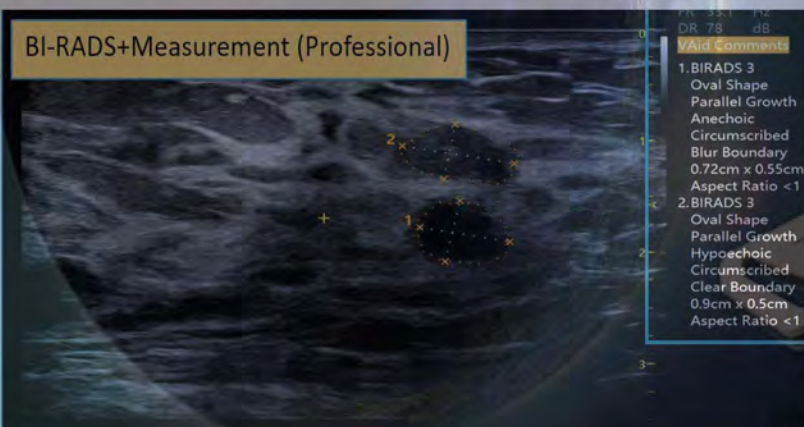


VAid Thyroid

VAid Thyroid provides a non-invasive approach for detection and assessment of thyroid nodules to avoid unnecessary interventions. It automatically detects and recognizes single or multiple lesions in real-time scanning and displays the size, border characteristics and TI-RADS classification of the lesion, which greatly improves the diagnostic accuracy and efficiency.



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تلفن: ۰۲۱۸۸۱۹۵۹۱۳ - ۰۲۱۸۸۱۹۵۹۱۱
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تلفن: ۸۸۱۷۹۵۰۱۰۸ فاکس: ۸۸۱۷۹۵۰۹
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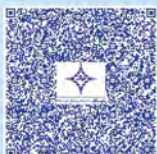


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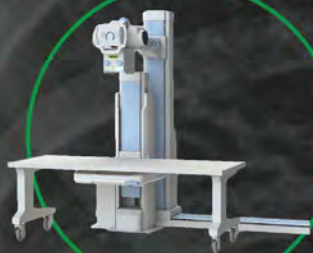
آدرس : تهران ، خیابان کریمخان زند ، خیابان ایرانشهر ، خیابان آذرشهر ، پلاک ۳۸ ، واحد ۷ و ۸

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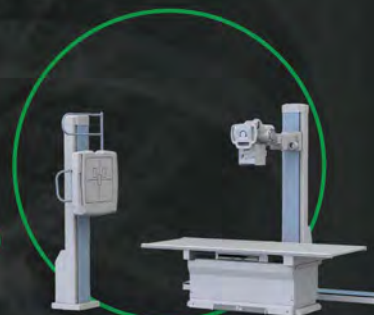
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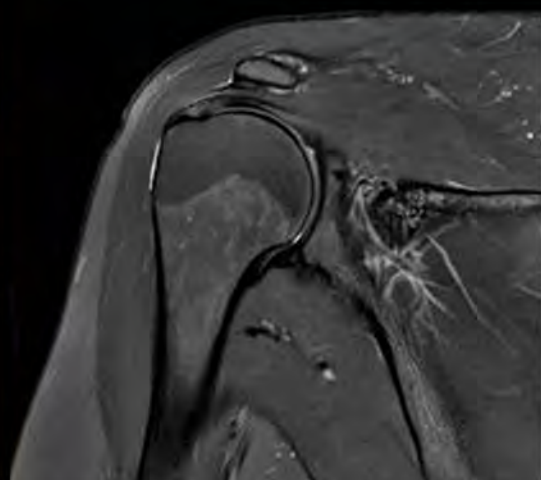




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