



Iranian Congress
of Radiology

25th Iranian Congress of Radiology

April 28 – May 1, 2009 – Tehran/Iran

Final Program

General Information

Venue

Olympic Hotel Hall, Tehran, Iran

Date

April 28- May 1, 2009

Language

The language of the congress is English and Persian

Secretariat Registration

Registration fee includes:

- Admission to scientific session and commercial exhibition
- Congress bag, program and abstract issue, the welcome receptions
- Certificate of attendance

Scientific Program Secretarial

Assistance and information regarding the scientific program will be provided by secretariat in Olympic Hotel lobby, traditional tea-house.

Speaker Ready Room

The slide preview room is located in the “traditional tea-house of hotel in ground floor and will operate from 8:00 to 16:00. Lecturers are requested to submit their presentations 30 minutes before their session. The presentation should be in PowerPoint 2003 format. The files should be in portable media format supplied in flash-disk or CD.

Electronic Posters

ICR2009 has only electronic poster presentations. All posters should be prepared in PowerPoint 2003 format similar to a regular lecture presentation but with more description to let them be used stand-alone. Posters will be displayed in web-classroom at the ground floor of Olympic hotel each in a single workstation. Presenters should be in web classroom close to their workstation according to the poster sessions program.

Publications

These consist of:

- **IJR supplement** (booklet of abstracts)
- **Program** with Farsi version of three main sub-programs (Joint meetings with other professional associations, management in radiology, research in radiology)
- **Exhibit catalogue**

Badges

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 which will be done on-site in Olympic hotel lobby. Management and research workshops are free of charge but clinical workshops require extra payment onsite.

Transportation

There will be hourly transport from Olympic hotel to Vanak Square starting from 10:30 until 18:30.

Transport between Olympic hotel and Football academy will be available each 10 minutes starting from 8:30 until 16:00.

Meals

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

Technical Exhibition

A technical exhibition will take place in the Olympic hotel, sufficient time during intermissions is reserved for visiting the booths of leading sponsors (Medical Engineering Companies), which present the latest achievements and give you competent information. Please consult the Exhibit guide in your Congress bag.

Society Booth

The Iranian Society of Radiology and Iranian Journal of Radiology booths in the exhibit place. Application forms and general information for membership are available. It provides membership services, information and an opportunity to pay annual dues for the society, and interview and subscription for the journal.

ICR2009

Scientific Program Committee

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Abbas Arjmand Shabestari MD - Associate Professor of Radiology, Shahid Beheshti University of Medical Sciences, Tehran, Iran

Imaging Informatics

Section Head:

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Members:

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Mohammad Hadi Bagheri MD – Professor of Radiology, Shiraz University of Medical Sciences, Shiraz, Iran

Atoosa Adibi MD – Associate professor of Radiology, Isfahan University of Medical Sciences, Isfahan, Iran

Erwin Bellon MD – Assistant professor of medical imaging, Leuven university hospital, Belgium

Emanuele Neri MD – Assistant Professor of Diagnostic and Interventional Radiology, University of Pisa, Italy

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Section Head:

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Members:

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Hazhir Saberi MD – Associate Professor of Radiology, Tehran University of Medical sciences, Tehran, Iran

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Fatih Boyvat MD – *Baskent University Medical Faculty, Department of Radiology, Istanbul, Turkey*

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Members:

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Macro Leonardi MD – *Professor of Neuroradiology, Department of Radiology, University of Bologna, Bologna, Italy*

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Ali Hekmatnia MD - *Associate Professor of Radiology, Isfahan University of Medical Sciences, Isfahan, Iran*

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Members:

Masoumeh Gity MD – *Associate Professor of Radiology, Tehran University of Medical sciences, Tehran, Iran*

Mohammad Mehdi Arasteh MD – *Associate Professor of Radiology, Shiraz University of Medical sciences, Shiraz, Iran*

Women's Imaging**Section Head:**

Mojhgan Kalantari MD – *Assistant Professor of Radiology, Shahid Beheshti University of Medical Sciences, Tehran, Iran*

Members:

Tahereh Larijani MD – *Assistant Professor of Radiology, Iran University of Medical Sciences, Tehran, Iran*

Masoumeh Gity MD – *Associate Professor of Radiology, Tehran University of Medical sciences, Tehran, Iran*

Pediatric's Imaging

Section Head:

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Seyed-Hassan Mostafavi MD – *Assistant Professor of Radiology, Iran University of Medical Sciences, Tehran, Iran*

Morteza Mearadji MD – *Professor, Department of Pediatric Radiology, Sophia Children's Hospital, University Hospital Rotterdam, Rotterdam, The Netherlands*

Farzin Eftekhari MD – *Chair of Pediatric Radiology, MD Anderson University, Texas, USA*

Genitourinary Imaging

Section Head:

Minoo Narooinejad MD – *Assistant Professor of Radiology, Iran University of Medical sciences, Tehran, Iran*

Members:

Hasan Jafari MD – *Assistant Professor of Radiology, Iran University of Medical sciences, Tehran, Iran*

Daryoush saedi MD – *Assistant Professor of Radiology, Iran University of Medical sciences, Tehran, Iran*

Gastrointestinal Imaging

Section Head:

Hadi Rokni MD – *Associate Professor of Radiology, Tehran University of Medical sciences, Tehran, Iran*

Members:

Hazhir Saberi MD – *Associate Professor of Radiology, Tehran University of Medical sciences, Tehran, Iran*

Ali Shirkhoda MD – *Clinical Professor of Radiology at Wayne State University and University of California in Irvine, CA, USA*

Abbas Arjmand Shabestari MD - *Associate Professor of Radiology, Shahid Beheshti University of Medical Sciences, Tehran, Iran*

Cardiovascular Imaging

Section Head:

Abbas Arjmand Shabestari MD - *Associate Professor of Radiology, Shahid Beheshti University of Medical Sciences, Tehran, Iran*

Members:

Samuel Wann MD – *Clinical Professor of Medicine and Cardiology, University of Wisconsin and Medical College of Wisconsin, Milwaukee, WI, USA*

Babak Raissi MD – *Clinical Director of Kent Hospital Radiology Department*

Arshid Azarine MD – *Radiologist, Service de Radiologie Cardio-Vasculaire, Hôpital Européen Georges Pompidou, Paris, France*

Shahram Akhlaghpour MD – *Associate Professor of Radiology, Tehran University of Medical Sciences, Tehran, Iran*

Mahmood Tehrai MD – *Radiologist, CT Department, Day General Hospital, Tehran, Iran*

Musculoskeletal Imaging

Section Head:

Motahareh Zhianpoor MD – *Associate Professor of Radiology, Isfahan University of Medical sciences*

Members:

Piran Aliabady MD – *Professor of Radiology, Harvard Medical School, Boston, USA*

Ali Hekmatnia MD – *Associate Professor of Radiology, Isfahan University of Medical Sciences, Isfahan, Iran*

Gholamreza Bakhshandehpour MD – *Imam Hossein Hospital, Tehran, Iran*

Head & Neck Imaging

Section Head:

Hashem Sharifian MD – *Professor of Radiology, Tehran University of Medical sciences, Tehran, Iran*

Members:

Herwig Imhof MD – Professor of Radiology and Chairman of the Department of Radiology, Vienna Medical University, Vienna, Austria
Shervin Sharifkashani MD – Assistant Professor of Radiology, Tehran University of Medical Sciences, Tehran, Iran
Gholamreza Bakhshandehpour MD – Imam Hossein Hospital, Tehran, Iran

ICR2009 - Organizing Committee

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Mansoor Fatehi (ICR President)
Abbas Arjmand Shabestari (Program Committee)
Gholamreza Bakhshandehpour (Joint Meetings)
Ali Shakouri Rad (Management in Radiology)
Mohammad Hadi Bagheri (Research in Radiology)
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Mohsen Rafiee (Publications)

Foreword

Dear Colleagues,

As president of 25th Iranian congress of radiology, it is a great pleasure and honor for me to welcome all of our respectful guests and participants from foreign countries and different parts of Iran. The silver anniversary of annual meeting of our society has the advantage of relying on a quarter century of experience as well as recently broadened international relations.



ICR2009 has musculoskeletal imaging as the main clinical theme to highlight recent achievements in MDCT and high-field MRI as well as high frequency US examination of bones, joints and muscles. But the content of the congress is not limited to these items. Out-standing faculty from all over the world has let us plan for a comprehensive overview of diagnostic and interventional radiology of course with more focus on MSK system.

ICR2009 has a major emphasis on **“management in radiology”**. Although we have had few examples of lectures and tutorials related to management in our previous congresses, but this important issue has never been treated as a main subject in our meetings and “management” as science has been a neglected issue in training of radiology. We have included 18 hours of management-related lectures and workshops in the program of ICR2009 which has been kindly chaired by Ali Shakourirad MD.

I do believe that the only way to improve the role of Iranian radiologists in production of radiology science is to actively participate in **“radiology research”**. Without taking part in research activities, Iranian radiologist can only utilize the knowledge already produced somewhere else in the world. ICR2009 has 14 hours of lectures and workshops related to research kindly chaired by Mohammad Hadi Bagheri MD.

All practitioners are aware of the critical role of mutual relations between radiologists and referring clinicians in successful management of patients. ICR2009 organizers are proud of setting 11 joint meetings with professional associations. **“Radiology from clinician’s point of view”** is the other major topic of this congress with 22 hours of lectures and panel discussions. In these sessions, a group of radiologists and clinicians will discuss about most common problems in daily practice arising from imaging. This part of the congress has been competently chaired by Gholamreza Bakhshandehpour MD who has gathered a rather heterogeneous but large group of physicians in an elegantly scheduled program.

ICR2009 has the honor of participation of the highest level of international guests in its history. Active participation of a delegate from European society of radiology including Prof. Christian Herold, the president of ESR, as

well as other members of executive council of ESR is considered as a symbol of growing international relations of our society. Participation of highly appreciated international speakers has brought a collection of update radiology knowledge into our silver anniversary congress.

ICR2009 has left a few records in the history of Iranian radiology congresses. The number of registrants, the number of submitted abstracts and the number of original research papers among them. It is for the first time that scientific abstracts has been reviewed by international reviewers, Internet-based by kind support of Microsoft research. All these would never been achieved without friendly support of Abbas Arjmand Shabestari MD, the chairman of scientific program committee of ICR2009. ICR2009 will be the start for annual selection of "gold medalists" and also for granting honorary membership to distinguished international scientists.

I have felt to be continuously supported by board of directors of Iranian society of radiology to organize ICR2009. I am especially thankful to Abdolrasool Sedaghat MD, the president and Jalal Jalalshokouhi MD, the general secretary of ISR for letting me actualize my ambitions in organizing a high quality congress. It is personally a great honor for me that Prof. Ali Radmehr, chairman of national board of radiology has accepted to become honorary president of ICR2009.

I hope ICR2009 provides an opportunity to learn update radiology knowledge, communicate with colleagues, visit the recent technological advancements and enjoy social events.

Welcome at ICR 2009!

Mansoor Fatehi MD,

President, 25th Iranian Congress of Radiology

Main Hall Program

Day 1 – Tuesday – April 28, 2009

Session 1-1-1: Neuroradiology

8:30-10:30

| | | |
|--------|---|-----------------------|
| Chairs | 1 | Vesal, Karim |
| | 2 | Radmehr, Aali |
| | 3 | Sedaghat, Abdolrasool |

- 8:30 **Neuroradiology of 5th Nerve**
Ali Radmehr, Tehran/IRAN
- 9:00 **Imaging Aspects of Neurolinguistics**
Karim Vessal, Shiraz/IRAN
- 9:20 **Diffusion Neuroimaging**
Helen Nayeri, Tehran/IRAN
- 9:40 **Neuroimaging in Multiple Sclerosis**
Elham Rahimian, Tehran/IRAN
- 10:00 **TB Meningitis**
Najibollah Rasouli, Kabul/Afghanistan

10:30-11:00 *Coffee Break – Exhibition*

Session 1-1-2: Musculoskeletal Imaging I

11:00-13:00

| | | |
|--------|---|------------------------|
| Chairs | 1 | Seifi, Kambiz |
| | 2 | Shahriyaran, Shahriyar |
| | 3 | Hashemi, Hasan |

- 11:00 **MRI in Spinal Trauma**
Herwig Imhof, Vienna/Austria
- 11:30 **MRI of Knee Trauma**
Ali Radmehr, Tehran/IRAN

12:15 **Shoulder MR Arthrography**
Homayoun Hadizadeh, Tehran/IRAN

12:45 **How Safe is Foot Surgery without Foot Radiologist**
Hamid Mirbagheri, Cardiff University/UK

13:00-14:00 Lunch

Session 1-1-3: Management in Radiology I

14:00-16:00

Chairs

| | |
|---|-----------------------------|
| 1 | Shakibafard, Alireza |
| 2 | Shakourirad, Ali |
| 3 | Akhlaghpour, Shahram |

14:00 **Management in Radiology**
Guy Frija, Paris/France

14:30 **The Role of IT in Modern Radiology Department**
Luis Donoso, Barcelona/Spain

15:00 **E-learning in Radiology**
Davide Caramella, Pisa/Italy

15:30 **Multidisciplinary Cooperation**
Pablo Riera Ros, Boston/USA

15:45 **DICOM-RT and Its Utilization**
Maria Law, Los Angeles/USA

Session 1-1-4: GI Imaging

16:00-18:00

Chairs

| | |
|---|-----------------------|
| 1 | Rad, Saeed |
| 2 | Shirkhoda |
| 3 | Saberi, Hazhir |

16:00 **MR Imaging of Small Bowel: Techniques and Clinical Results**
Nicholas Gourtsoyiannis, Crete/Greece

16:30 **CT Enterography**
Ali Shirkhoda, Royal Oak/USA

17:00 **MRI vs MDCT in Liver**

Pablo Riera Ros, Boston/USA

17:30 **Detection of Hepatocellular Carcinoma: New Methods, New Problems and New Solutions**

Yves Menu, Paris/France

Opening Ceremony / Congress Dinner

17:30-22:30

19:30 **National Anthem**

19:35 **Welcome Note**

Abdolrasool Sedaghat, ISR President

19:45 **Congress Opening**

Ali Radmehr, Honorary President of ICR2009

19:55 **ICR2009 : Facts & Figures**

Mansoor Fatehi , ICR2009 President

20:10 **Radiology Profession & Iranian Medical Council**

Shahbeddin Sadr, Chairman of Iranian Medical Council

20:25 **Invited Opening Lecture**

Davide Caramella, Department of Radiology, Pisa, Italy

20:35 **Gold Medal of ISR to Prof. Rad, Prof. Vessal & Prof. Mohtashemi**

Ali Radmehr, Chairman, National Board of Radiology

20:50 **Folkloric Music of Iran: Azeri, Kurdi & Khorasani**

21:45 **Dinner Reception**

Hegmatane Hall Program

Day 1 – Tuesday – April 28, 2009

Session 2-1-1: Scientific Papers I (Cardio-Thoracic)

8:30-10:30

| | | |
|--------|---|-------------------|
| Chairs | 1 | Tehraie, Mahmoud |
| | 2 | Shabestari, Abbas |
| | 3 | Tarzamni, Kazem |

- 8:30 **The Findings of HRCT of the Lung in Chemical Warfare Veterans with Previous Sulfur Mustard (SM) Gas Exposure**
Saeed Naghibi, Mashhad/Iran
- 8:40 **Does Carotid IMT Differ in Obese and Normal 12-18 Years Old Adolescents?**
Atoosa Adibi, Isfahan/Iran
- 8:50 **The Prevalance of Myocardial Bridging and Coronary Artery Anomalies with ECG-gated 64-row MDCT Coronary Angiography**
Reza Javadrashid, Tabriz/Iran
- 9:00 **Utility of Intra-pleural Contrast in Diagnosis of Occult Diaphragmatic Injury in Thoracoabdominal Stab Wounds, Preliminary Results**
Sepideh Sefidbakht, Shiraz, Iran
- 9:10 **Radiologic Manifestation of Patients with Smear Positive Pulmonary Tuberculosis in Zabol**
Massoud Sajadinassab, Zahedan/Iran
- 9:20 **CT-guided Needle Biopsy as a Less Invasive Procedure in Diagnosis of Thoracic lesions**
Pooyeh Graili, Tehran/Iran
- 9:30 **Correlation of Echocardiography and MRI T2* in Beta-thalassemia Major**
Maryam Barzin, Sari/Iran
- 9:40 **The Effect of Hydroxyurea on Extramedullary Hematopoietic Masses in Patients with Beta-Thalassaemia Intermediate by MRI**

- Seyed Ahmad Shahab Kowsarian, Sari/Iran*
- 9:50 **Radiation Dose Estimates in Coronary CT Angiography**
Abbas Arjmand Shabestari, Tehran/Iran
- 10:00 **Cardiac and Liver T2* Measurement in 2000 Thalassemia Patients**
Mohammadreza Alinaghizadeh, Tehran/Iran
- 10:10 **Extra-cardiac Findings of Coronary CT Angiography by 64 Slice CT**
Mahmoud Tehrai, Tehran/Iran
- 10:20 **Question & Answer**

10:30-11:00 *Coffee Break – Exhibition*

Session 2-1-2: Breast Imaging

11:00-13:00

- | | | |
|--------|---|-----------------------|
| Chairs | 1 | Gity, Masoumeh |
| | 2 | Farrokh, Donya |
| | 3 | Zarrabi, Vida |
- 11:00 **How to Reduce False Positive and False Negative of Mammography**
Masoumeh Gity, Tehran/Iran
- 11:30 **A Clinicopathologic and Mammographic Correlation of 46 Cases of Unusual Breast Lesions**
Donya Farrokh, Mashhad/Iran
- 12:00 **Breast Interventions**
Nasrin Ahmadinejad, Tehran/Iran
- 12:30 **US Assessment of Abnormal Lymph Nodes**
Masoomeh Salamati, Tehran/Iran

13:00-14:00 *Lunch*

Session 2-1-3: Thoracic Imaging

14:00-16:00

- | | | |
|--------|---|----------------------------------|
| Chairs | 1 | Davoudi, Reza |
| | 2 | Bakhshayeshkaram, Mehrdad |

- 14:00 **How to Manage an Indeterminate Pulmonary Nodule**
Christian Herold, Vienna/Austria
- 14:30 **Can the Physicians or Surgeons Do without Chest Radiograph?**
Mehrdad Bakhshayeshkaram, Tehran/Iran
- 14:50 **Pneumocystis Jirovecii Pneumonia: Imaging Findings**
Mahmoud Goudarzi, Tehran/Iran
- 15:10 **320 MDCT: From Principles to Clinical Application**
Babak Raissi, Fall River/USA

Session 2-1-4: Scientific Papers II

(Neuroradiology – Head & Neck Imaging)

16:00-18:00

- | | | |
|--------|---|-----------------------------|
| Chairs | 1 | Miyabi, Zinat |
| | 2 | Bakhshandehpour, Gholamreza |
| | 3 | Zandi, behrooz |
- 16:00 **Signal Intensity Reduction May be Prior to Height or Volume Loss in Pituitary Gland MRI of Beta-thalassemic Patients with Hypogonadotropic Hypogonadism**
Ali Hekmatnia, Tehran/Iran
- 16:10 **Differential MRI Diagnosis between Brain Abscess and Necrotic or Cystic Brain Tumors using Diffusion Weighted Images**
Zinat Miabi, Tabriz/Iran
- 16:20 **Tumor-Like Lesions of the Brain in MRI and CT-scan**
Gholamreza Bakhshandehpour, Tehran/Iran
- 16:30 **Does Grade I Hypertension Has Effect on Carotid Intima-Media Thickness?**
Mahyar Mohammadi Fard, Birjand/Iran

- 16:40 **Neoplastic Invasion of Laryngeal Cartilage: Evaluation by CT scan**
Mahrooz Malek, Tehran/Iran
- 16:50 **The Role of Computed Tomography in Invasion of Carotid Arteries by Neck Malignant Neoplasm**
Leila Aghaghazvini, Tehran/Iran
- 17:00 **Accuracy of Contrast-enhanced CT Scan in Differentiation of Malignant Parotid Neoplasm: New Approaches for Better Diagnosis**
Shervin Sharif kashany, Tehran/Iran
- 17:10 **Treatment of cerebral aneurysms with Axiom- detachable coil in Damascus University of Syria**
Morteza Joorabian, Damascus/Syria
- 17:20 **Normal Intracranial Venous Structures and Anatomical Variations on 3-D Time-of-Flight MR Venography**
Ali Hekmatnia, Tehran/Iran
- 17:30 **Assessment of Anatomic Parameters on Lateral Cephalogram in Patients with Obstructive Sleep Apnea Symptoms and Comparison with Healthy Population**
Behrooz Zandi, Mashhad/Iran
- 17:40 **MRI Patterns of Intracranial Meningioma**
Raed Alsa'ad, Kufa/Iraq
- 17:50 **Question & Answer**

Football Academy Hall Program

Radiology from Clinician's Point of View

Joint Meeting of Iranian Society of Radiology & Professional Associations

Day 1 – Tuesday – April 28, 2009

Radiology from Otolaryngologist's Point of View

Moderator: Jalal Jalalshokouhi MD (Head and Neck Radiologist)

Time: 8:30-10:30

- 08:30 **Importance of Anatomic Spaces of the Neck**
Ebrahim Karimi (Otolaryngologist)
- 08:40 **Neck Spaces Imaging Anatomy**
Hashem Sharifian (Radiologist)
- 08:50 **Paranasal Sinuses CT- Scan: What The Clinicians Want to Know?**
Mojtaba Mohammadi Ardehali (Otolaryngologist)
- 09:00 **Paranasal Sinuses CT Scan: How to interpret it?**
Shervin Sharif kashani (Radiologist)
- 09:10 **CSF Leak: Clinical importance**
Hadi Samimi (Otolaryngologist)
- 09:20 **CSF Leak: Technical and Imaging Considerations**
Jalal Jalalshokohi (Radiologist)

9:30 Panel Discussion:

Imaging Criteria of Invasion in Head and Neck Cancers

Participants:

- Ebrahim Karimi (Otolaryngologist)*
- Bijhan Naghibzadeh (Otolaryngologist)*
- Shabahang Mohammadi (Otolaryngologist)*
- Jahanbakhsh Hashemi (Radiologist)*
- Gholamreza Bakhshandehpour (Radiologist)*
- Farrokh Naderi (Radiologist)*

Radiology from Rheumatologist's Point of View

Moderator: *Iraj Honarbakhsh (Radiologist)*

Time: 11:00-13:00

11:00 **Rheumatoid Arthritis: Clinical Issues**

Mohsen Soroush (Rheumatologist)

11:10 **Rheumatoid Arthritis: Imaging**

Iraj Honarbakhsh (Radiologist)

11:20 **Gout: Clinical Problems**

Masoumeh Akhlaghi (Rheumatologist)

11:30 **Gout: Imaging**

Behrouz Taheri (Radiologist)

11:40 **Psoriasis: Clinical Problems**

Maryam Moghadasi (Rheumatologist)

11:50 **Psoriasis: Imaging**

Ali Shabani (Radiologist)

12:00 Panel Discussion:

Participants:

Mohsen Soroush (Rheumatologist)

Masoumeh Akhlaghi (Rheumatologist)

Behrouz Taheri (Radiologist)

Maryam Moghadasi (Rheumatologist)

Ali Shabani (Radiologist)

Radiology from Neurologist's Point of View

Moderator: *Hasan Hashemi (Radiologist)*

Time: 14:00-16:00

- 14:00 **Neuroimaging in Epilepsy: What the Clinicians Want to Know?**
Mahmoud Motammedi (Neurologist)
- 14:15 **Neuroimaging in Epilepsy**
Helen Nayeri (Radiologist)
- 14:30 **How to differentiate MR presentations of MS from MS –like lesions?**
Mohammad Reza Sahraian (Neurologist)
- 14:45 **How to differentiate MR presentations of MS from MS –like lesions?**
Mohammad Hadi Bagheri (Radiologist)
- 15:00 **Stroke Imaging and Interventional Procedures in Stroke**
Babak Zamani (Neurologist)
- 15:15 **Stroke imaging and interventional procedures in stroke**
Hossein Ghanaati (Interventional Radiologist)

15:30 Panel Discussion

Participants:

Babak Zamani (Neurologist)

Mahmoud Motamedi (Neurologist)

Mohammad Reza Sahraian (Neurologist)

Zinat Miabi (Radiologist)

Ali Radmehr (Neuroradiologist)

Jalal Jalal shokuhi (Radiologist)

2nd Floor Workshop D - Program

Day 1 – Tuesday – April 28, 2009

Management in Radiology

08:30-10:30

How to Prevent Legal Problems in Radiology Practice

Coordinator: *Kamran Aghakhani MD*

08:30 **Medical Errors**

Kamran Aghakhani MD

08:15 **How to Prevent Medical Errors**

Hossein Saneizadeh MD

08:30 **Radiological Medical Errors: Case Studies**

Abbas Aghabeigloo MD

08:45 **Professional Insurance**

Farrokh Taftanchi MD

09:00 **Principles of Medical Documentation**

Kamran Aghakhani MD

09:15 **Question & Answer**

Management in Radiology

11:00-13:00

Radiology Information Systems (RIS)

Coordinator: *Naser Shaker Hosseini Ms*

11:00 **RIS: Introduction and History**

Naser Shaker Hosseini - Rahavard Rayane Co.

11:15 **How to Select a RIS**

Koorosh Shams - Rahavard Rayane Co.

11:30 **RIS – Key Components**

Amin Niakan - Peyvand e Dadeha Co

11:45 **Selecting Business Counterparts**

Sina Marashi MD - Rayavarán Toseaeh Co

12:00 **RIS: Price & Contract Agreements**

Saeed Noghianian - SCo System Pars Co

Research in Radiology

14:00-16:00

Basics of Medical Journalism

Mohammad Hadi Bagheri MD

Karen Shashok

Management in Radiology

16:00-18:00

Medical Imaging Center: License Issues

Kambiz Seifi Steadie MD

16:00 **Criteria for Medical Imaging Center Establishment**

Dayroush Samadi

16:15 **Rules and Regulations of Technical Management of Medical Imaging Centers and License Obtaining Process**

Mina Khodadadi

16:30 **Place Selection & Schedule for Medical Imaging Centers**

Nasim Hajizadeh

16:45 **Method of Confirming Imaging Centers and Institutes after Getting Agreement Till Find Stage of Obtaining License**

Ali Seripoor

17:00 **Equipments Selection and Setting Up A Medical Imaging Center**

Farzaneh Hasaninejad

17:15 **Necessity of Obtaining License of Work with Radiation and Adaptation with Rules and Regulations of Health Ministry**

Ali Goorani

17:30 **Adaptation of Exploited Imaging Centers with Current Rules and Regulations of Insurance Institutes for Making Contract**

Ali Tavakoli

Web Classroom- Program

E-learning in Radiology

Olympic Hotel – Ground Floor – Web Classroom

Section Head: Davide Caramella, Pisa, Italy

Day 1 – Tuesday – April 28, 2009

Session 5-1-1: E-learning Session I

08:30-10:30

ESR-related Resources: EPOS, Eurorad, e-ECR, EDIPS

Coordinators: *Davide Caramella, Mansoor Fatehi, Alireza Shakibafard*

Session 5-1-2: E-learning Session II

11:00-13:00

www.isrvirtual.org & other virtual congresses

Coordinators: *Davide Caramella, Mansoor Fatehi, Alireza Shakibafard*

Session 5-1-3: Poster Sessions I

14:00-16:00

**EP-101 Spastic Paraparesis due to a Spinal Arachnoid Cyst
Associated with Herniation of Cerebellar Tonsils after
Ventriculoperitoneal Shunt**

Nargess Afzali, Mashhad/Tehran

**EP-102 Bilateral Adrenal Metastasis in Bronchogenic Carcinoma
(Case Report)**

Nargess Afzali, Mashhad/Tehran

EP-103 A Case of Huge Retroperitoneal Ganglioneuroma

Ali Akbarzadeh Pasha, Isfahan/Tehran

**EP-104 A Case Report of Infratemporal Fossa Hydatid Cyst: An
Unusual Location**

Shervin Sharif Kashany, Tehran/Iran

EP-105 Accessory Nerve Schwannoma Containing Multiple Calcified Foci: Unusual Presentation

Leila Aghaghazvini, Tehran/Iran

EP-106 Vertebral Bone Erosions due to Aortic Abdominal Aneurysm: A Case Report

Morteza Joorabian, Damascus/Syria

EP-107 Case Report: A Major Thalassemia Patient on Regular Transfusion with Growing Extramedullary Hematopoiesis

Azita Azarkeivan, Tehran/Iran

EP-108 Prevalence of Abdominal Aortic Aneurysm in Patients with Coronary Artery Disease

Masoud Nemati, Tabriz/Iran

EP-109 Radiologic manifestation of patients with smear positive pulmonary tuberculosis in Zabol

Masoud Sajadi Nasab, Zabol/Iran

EP-110 The Prevalance of Myocardial Bridging and Coronary Artery Anomalies with ECG-gated 64-row MDCT Coronary Angiography

Javadrashid Reza, Tabriz/Iran

Workshops- Program

Day 1 – Tuesday – April 28, 2009

Room A

11:00-13:00

Pancreatic Imaging

Pablo Riera Ros MD, Boston/USA

14:00-16:00

Radio-frequency Ablation

Shahram Akhlaghpour MD, Tehran/Iran

16:00-18:00

Bone Densitometry

Afsaneh Bajouri MS, Siamak Rashidi MS, Tehran/Iran

Room B

11:00-13:00

HRCT of Lung

Mehrdad Bakhshayeshkaram MD, Soheila Zahirifard MD, Tehran/Iran

14:00-16:00

Imaging of Small Bowel Tumors

Nicholas Gourtsoyiannis MD, Crete/Greece

16:00-18:00

Pitfalls in Breast Imaging Interpretation

Mojgan Kalantari MD, Masoomeh Salamati MD, Azadeh Joulaee MD, Tehran/Iran

Room C

11:00-13:00

Fetal Echocardiography

Farzaneh Fattahi MD, Tehran/Iran

14:00-16:00

Biophysical Profile Scoring

Hamidreza Haghhighatkhah MD, Mortza Sanei MD, Tehran/Iran

16:00-18:00

IUGR & Doppler Assessment of Pregnancy

Mortza Sanei MD, Hamidreza Haghhighatkhah MD, Tehran/Iran

Main Hall Program

Day 2 – Wednesday – April 29, 2009

Session 1-2-1: Pediatric Imaging

08:30-10:30

| | | |
|--------|---|--------------------------|
| Chairs | 1 | Alipoor, Parvin |
| | 2 | Bajoghli, Morteza |
| | 3 | Jannati, Javad |

08:30 **Newest Developments in Fetal MR Imaging and Their Significance for Pregnancy, Delivery and Pre- and Postnatal Interventions**

Christian Herold, Vienna/Austria

09:00 **Evaluation of Tumor Response to Treatment: from International Standards to Advanced Imaging**

Yves Menu, Paris/France

09:30 **Adrenal Masses in Infancy and Childhood**

Morteza Mearadji, Rotterdam/The Netherlands

10:00 **CAD for Bone Age Assessment**

Maria Law, Los Angeles/USA

10:15 **New Frontiers in MR Angiography**

Jean-Pierre Laissi, Paris/France

10:30-11:00 *Coffee Break – Exhibition*

Session 1-2-2: Imaging Informatics

11:00-13:00

| | | |
|--------|---|--------------------------|
| Chairs | 1 | Hekmatnia, Ali |
| | 2 | caramella, Davide |
| | 3 | Law, Maria |

- 11:00 **Computer Assisted Detection and Diagnosis of Focal Pulmonary Abnormalities**
Christian Herold, Vienna/Austria
- 11:30 **Tele-radiology: A European Perspective**
Luis Donoso, Barcelona /Spain
- 12:00 **Applications of Digital Images for Surgery**
Davide Caramella, Pisa/Italy
- 12:30 **Utilization of a University PACS**
Maria Law, Los Angeles/USA
- 12:45 **What Structured Reporting Has to Add to Modern Radiology Practice**
Mansoor Fatehi, Tehran/Iran

13:00-14:00 *Lunch*

Session 1-2-3: Research in Radiology

14:00-16:00

- Chairs
- | | |
|---|-------------------------------|
| 1 | Vesal, Karim |
| 2 | Bagheri, Mohammad Hadi |
| 3 | Fatehi, Mansoor |
- 14:00 **Medical Research in Iran**
Karim Vessal, Shiraz/Iran
- 14:20 **Roadmap for Radiology Research in Iran**
Mohammad Hadi Bagheri, Shiraz/Iran
- 14:35 **Knowledge Translation Exchange**
Reza Majdzadeh, Tehran/Iran
- 14:50 **Translational Medical Research**
Kazem Mousavizadeh, Tehran/Iran
- 15:05 **Evidence-based Radiology**
Abbas Arjmand Shabestari, Tehran/Iran

15:20

How to Improve Radiology Research in Iran – Panel Discussion

Moderator: Mohammad Hadi Bagheri, Shiraz/Iran

Participants:

- 1- *Karim Vessal*
- 2- *Abbas Arjmand Shabestari*
- 3- *Mansoor Fatehi*
- 4- *Hossein Ghanaati*

Session 1-2-4: GU Imaging

16:00-18:00

| | | |
|--------|---|---------------------------|
| Chairs | 1 | Ghafoori, Mayhar |
| | 2 | Naroienejad, Minoo |
| | 3 | Barghi, Hamed |

16:00 **MRI of Female Pelvic Mass**

Keyanoosh Hosseinzadeh, Pittsburgh/USA

16:30 **Renal Tumor Biopsy**

Mazda Memarsadeghi, Vienna/Austria

17:00 **Common Diagnostic Pitfalls in GU Imaging**

Ali Shirkhoda, Royal Oak/USA

17:20 **Bladder Dysfunction**

Faez Faizi, Tehran/Iran

17:40 **Nephrogenic Systemic Fibrosis and Gadolinium-based Contrast Media**

Mahyar Ghafoori, Tehran/Iran

Hegmatane Hall Program

Day 2 – Wednesday – April 29, 2009

Session 2-2-1: Scientific Papers III

(GI Imaging / GU Imaging)

8:30-10:30

| | | |
|--------|---|--------------------|
| Chairs | 1 | Shahnazi, Makhtoom |
| | 2 | Alizadeh, Ahmad |
| | 3 | Ameri, Aliakbar |

- 08:30 **Comparison Value of Platelet Count/Splenic Diameter Ratio vs Portal System Doppler Study Results for Prediction/Screening of Esophageal Varices**
Roozbeh Barikbin, Isfahan/Iran
- 08:40 **Comparing the Preoperative Ultrasound and Intra-operative Findings of Inguinal Hernia in Children**
Nazanin Eshraghi, Tabriz/Iran
- 08:50 **The Role of Ultrasound in Identifying the Cause of Bilious Vomiting in the Newborn**
Mehdi Alehossein, Tehran/Iran
- 09:00 **Is It Worth-while to Fully Evaluate the Gastroduodenal Region in any Ultrasound Examination of the Abdominal Cavity?**
Mahmoud Goudarzi, Tehran/Iran
- 9:10 **Accuracy of Sonography in Diagnosis of Acute Appendicitis**
Ahmad Soltani Shirazi, Ahwaz/Iran
- 9:20 **Fetal Reduction under Guide of Sonography**
Violet Adib, Shiraz/Iran
- 9:30 **Correlation between Biophysical Profile and Middle Cerebral/Umbilical Artery Resistance Index Ratio in Assessment of Perinatal Outcome in High-risk Pregnancies**
Nazanin Eshraghi, Tabriz/Iran

- 09:40 **Doppler Uterine Artery Flow Velocimetry in Prediction of Preterm Labor**
Mahyar Mohammadi Fard, Birjand/Iran
- 09:50 **Diagnostic Value of MRVCUG in Comparison with VCUG in Children**
Ali Hekmatnia, Isfahan/Iran
- 10:00 **Can Sonography Predict the Presence of Retained Products of Conception Following First-trimester *Spontaneous Abortion?***
Zahra Zare, Shiraz/Iran
- 10:10 **Determination of Resistance Index (RI) of Renal Artery with Colour Doplex Doppler before and after Interavenous Injection of Hypo and Hyperosmolar Intravenous Contrast Agents**
Ahmad Rezaee, Zahedan/Iran
- 10:20 **Use of Ultrasound Contrast Agent Combined with Power Doppler & Harmonic Imaging to Improve Detection of Prostate Cancer through TRUS guided Biopsy**
Mahyar Ghafoori, Tehran/Iran

10:30-11:00 *Coffee Break – Exhibition*

Session 2-2-2: Cardiovascular Imaging

11:00-13:00

| | | |
|--------|---|----------------------|
| Chairs | 1 | Motevalli, Marziyeh |
| | 2 | Rafieian, Soosan |
| | 3 | Hashemi, Jahanbakhsh |

- 11:00 **Coronary MRA on High Field Magnet**
Babak Raissi, Fall River/USA
- 11:45 **Top Indications of Coronary CT Angiography**
Mahmoud Tehrai, Tehran/Iran
- 12:05 **Ultrasound Evaluation before and after Hemodialysis Access**
Daryoush Saedi, Tehran/Iran
- 12:25 **CT Angiography in Neuroimaging**
Mahmoud Tehrai, Tehran/Iran
- 12:45 **Multifunctional CT: One Stop-shopping Cardiac Imaging**
Babak Raissi, Fall River/USA

13:00-14:00 Lunch

Session 2-2-3: Interventional Radiology

14:00-16:00

- | | | |
|--------|---|--------------------------|
| Chairs | 1 | Firooznia, Kavous |
| | 2 | Sabouri Deilami, |
| | 3 | Saedi, Daryoush |
- 14:00 **RF Ablation of Renal Tumors**
Ali Shirkhoda, Royal Oak/USA
- 14:30 **Isolated Pharmacomechanical Thrombolysis of Iliofemoral DVT**
Shahram Askari, Royal Oak/USA
- 14:50 **Endovascular Management of Acute Stroke**
Hossein Ghanaati, Tehran/Iran
- 15:20 **Transforaminal Endoscopic Disc Removal**
Shahram Akhlaghpoor, Tehran/Iran
- 15:40 **Musculoskeletal Interventions: An Update**
Mohammad Hadi Bagheri, Shiraz/Iran

Session 2-2-4: Scientific Papers IV

(Musculoskeletal Imaging/Miscellaneous)

16:00-18:00

- | | | |
|--------|---|-------------------------------|
| Chairs | 1 | Bagheri, Mohammad Hadi |
| | 2 | Shabani, Mohammad Ali |
| | 3 | Sedighi, Nahid |
- 16:00 **Short-term Clinical Outcome of Percutaneous Vertebroplasty**
Masoud Nemati, Tabriz/Iran
- 16:10 **Wrist Ultrasonography vs. Electrophysiological Studies in Diagnosis of Carpal Tunnel Syndrome**
Amirhossein Hashemi Attar, Mashahd/Iran
- 16:20 **Frequency of Developmental Dislocation of Hip Detected by Graf 's Ultrasonographic Method in Icteric Newborns**
Amin Foroughi, Shiraz/Iran
- 16:30 **Correlation between MRI and Ultrasonographic Findings in Meniscal Injuries of the Knee**
Mohammad Hadi Bagheri, Shiraz/Iran
- 16:40 **Comparison of Ability of Various Imaging Modalities (CT & PLAIN X- RAY) in Detecting Drug Transport in Body Packers**
Morteza Sanei, Tehran/Iran
- 16:50 **Assessment of the sacral ratio in normal population and anorectal malformation in two years study**
Parvin Alipoor, Tehran/Iran
- 17:00 **Evaluation of Doppler Ultrasound Findings in Complicated and Uncomplicated Lower Limb Varices**
Morteza Sanei, Tehran/Iran
- 17:10 **Can Transabdominal Sonography Predict Pelvic Relaxation?**
Atoosa Adibi, Isfahan/Iran
- 17:20 **Heterotopic Pregnancy following Ovulation Induction by Clomiphene and a Healthy Live Birth**
Abbas Honarbakhsh, Tehran/Iran

Football Academy Hall Program

Radiology from Clinician's Point of View

Joint Meeting of Iranian Society of Radiology & Professional Associations

Day 2 – Wednesday – April 29, 2009

Radiology from Orthopedic Surgeon's Point of View

Moderator: *Homayoun Hadizadeh Kharazi (Radiologist)*

Time: 8:30-10:30

- 08:30 **Menisci and ACL: What the Clinicians Want to Know on MRI?**
Kamran Badiezadeh (Knee Surgeon)
- 08:45 **Knee Menisci: How to Evaluate and Interpret on MRI**
Pouneh Dehghan (Radiologist)
- 08:55 **Anterior Cruciate Ligament (ACL): How to Evaluate and Interpret on MRI**
Farimah Nourbakhsh (Radiologist)
- 09:05 **Shoulder Labrum and Rotator Cuff Tendon: What the Clinicians Want to Know on MRI?**
Majid Ziaei (Shoulder Surgeon)
- 09:20 **Labrum: How to Evaluate and Interpret on MRI and MR Arthrography (MRA)**
Homayoun Hadizadeh Kharazi (Radiologist)
- 09:30 **Rotator cuff tendon: How to Evaluate and Interpret on MRI**
Gholamreza Bakhshandehpour (Radiologist)

09:40 Panel Discussion

Participants:

Majid Ziaei (Shoulder Surgeon)

Kamran Badiezadeh (Knee Surgeon)

Gholamreza Bakhshandehpour (Radiologist)

Farimah Nourbakhsh (Radiologist)

Pouneh Dehghan (Radiologist)

Radiology from Pediatrician's Point of View

Moderator: *Parvin Alipour (Radiologist)*

11:00-13:00

- 11:00 Secondary Urinary Tract Reflux**
Alireza Sina (Urologist)
- 11:10 Imaging of Secondary Urinary Tract Reflux**
Houman Alizadeh (Radiologist)
- 11:20 Urinary Tract Microlithiasis**
Masoumeh Mohkam (Pediatrician)
- 11:30 Imaging of Urinary Tract Microlithiasis**
Alireza Khatami (Radiologist)
- 11:40 Precocious Puberty**
Zahra Rohani (Pediatrician)
- 11:50 Imaging of Precocious Puberty**
Parvin Alipour (Radiologist)
- 12:00 Gastroesophageal Reflux**
Fatemeh Farahmand (Pediatrician)
- 12:10 Imaging of Gastroesophageal Reflux**
Mehrzaad Mehdizadeh (Radiologist)

12:20

Panel Discussion: Pediatric Acute Abdomen/Upper Airways Disease

Panelists:

- Javad Janati (Radiologist)*
Mehdi Alehossein (Radiologist)
Houshang Pourang (Pediatrician)
A. Alamdaran (Radiologist)
Ali Nateghian (Pediatrician)

Radiology from Neurosurgeon's Point of View

Moderator: *Gholamreza Bakhshandehpour (Radiologist)*

Time: 14:00-16:00

14:00 **Vascular Malformations of the Brain and Spinal Cord**

Abbas Amirjamshidi (Neurosurgeon)

14:10 **Vascular Malformations: The Role of Interventional Procedure**

Hossein Ghanaati (Neurointerventionist)

14:20 **Herniated Disk: Clinicians' Needs**

Abolfazl Rahimizadeh (Spine Surgeon)

14:30 **Herniated Disk: MR Interpretation**

Homayoun Hadizadeh Kharazi (Radiologist)

14:40 **Brain Tumors Imaging: Clinical Questions**

Seyed Mohammad Ghodsi (Neurosurgeon)

14:50 **Brain Tumors Imaging**

Jalal Jalalshokouhi (radiologist)

15:00

Panel Discussion: Brain tumors: How to Differentiate Residual or Recurrence of Tumors, Primary or Metastatic Tumors and Post-radiochemotherapy Changes?

Participants:

Khosro Parsa (Neurosurgeon)

Kazem Abbasiuon (Neurosurgeon)

Seyed Mahmoud Tabatabaei (Neurosurgeon)

Homayoun Hadizadeh kharazi(Radiologist)

Jalal Jalalshokouhi (Radiologist)

Alireza Zahiri (Radiologist)

Seyed Mohammad Ghodsi(Neurosurgeon)

2nd Floor Workshop D - Program

Day 2 – Wednesday – April 29, 2009

Management in Radiology

08:30-10:30

Medical Equipment: Purchase & Maintenance

Coordinator: *Alireza Shakibafard MD*

08:30 **How to Select a Medical Equipment: What A Radiologist Needs to Know?**

Alireza Shakibafard MD, Shiraz /Iran

08:45 **Performa Request and Comparison Charts**

Alireza Shakibafard MD, Shiraz /Iran

09:00 **Contract, Installation & Training Issues**

Alireza Shakibafard MD, Shiraz /Iran

09:15 **After-sale Services & Maintenance Contracts**

Alireza Shakibafard MD, Shiraz /Iran

09:30 **Types of Contracts**

Eng Moslemi MD, Tehran/Iran

Research in Radiology

11:00-13:00

Manuscript Peer Review

Farrokh Habibzadeh MD

Management in Radiology

14:00-16:00

How to Organize a Congress

Coordinator: *Mansoor Fatehi MD*

- 14:00 **Abstract Review Process & Scoring**
Abbas Arjmand Shabestari MD
- 14:15 **How to Obtain CME Credit for a Training Course**
Makhtoom Shahnazi MD
- 14:30 **Planning for a Medical Meeting**
Mansoor Fatehi MD
- 14:45 **How to Conduct a Group Discussion**
Kamel Shadpour MD,
- 15:00 **Website & Information Management in a Congress**
Akbar Mostafa
- 15:15 **Exhibition Management**
Mehdi Faraji
- 15:30 **Congress Office Management**
Zahra Mousavi

Special Session on
Radiology in Daily Practice

- 16:00 **Strategic Management in Radiology Department**
Arash Deljou, Tehran, Iran
- 16:30 **Designing & Implementation of a Telecardiology System**
Azadeh Emami, Tehran, Iran
- 16:45 **Study of Ultrasound Probes Vector Role in Nosocomial Infection in Imam Reza Hospital of Tabriz**
Nazanin Eshraghi, Tabriz, Iran
- 17:00 **Remote Reporting in Radiology: Characteristics and Problems,**
Mehdi Yousefi, Isfahan, Iran
- 17:15 **Radiologist, Financial Conflict of Interests and Ethical Challenges**
Mortaza Ashrafi, Tehran, Iran
- 17:30 **Financial Management in Imaging Center**
Arash Deljou, Tehran, Iran

17:45 **New Legal and Governmental Challenges in Medical Imaging Field: Threats & Opportunities**
Kourosh Abdollahifard, Maraghe, Iran

Web Classroom- Program

E-learning in Radiology

Olympic Hotel – Ground Floor – Web Classroom

Section Head: Davide Caramella, Pisa, Italy

Day 2 – Wednesday – April 29, 2009

Session 5-2-1: E-learning Session III

08:30-10:30

<http://cme.medscape.com/cme/radiology>; www.auntminnie.com

Coordinators: *Davide Caramella, Mansoor Fatehi, Alireza Shakibafard*

Session 5-2-2: E-learning Session IV

11:00-13:00

www.radswiki.net; www.radiologywiki.org; www.radiopadia.org

Coordinators: *Davide Caramella, Mansoor Fatehi, Alireza Shakibafard*

Session 5-2-3: Poster Sessions II

14:00-16:00

EP-201 Common and rare causes of spinal dumbbell-shaped lesion including a chondrosarcoma that primarily developed in the cervical spine as a case report

Amirhossein Ghazavi, Isfahan /Iran

EP-202 Atypical Imaging Appearances of Meningioma

Ahmad Soltani Shirazi, Ahwaz/Iran

EP-203 MRI Findings in Knee Trauma

Maryam Barzin, Sari/Iran

EP-204 A Case of Hypopharyngeal Squamous Cell Carcinoma with Peritoneal and Liver Metastasis Presenting Acute Abdomen

Hashem Sharifian, Tehran/Iran

EP-205 Splenorenal Fusion in a 26-month Old Female Infant

Morteza Joorabian, Damascus/Syria

EP-206 Color Doppler Sonography in Differentiation of Ocular Behcet from idiopathic Uveitis

Mohammad Hadi Bagheri, Shiraz /Iran

EP-207 Hemangioma as Incidental MRI Finding in 61 Patients of the 3000 Referred Patient for Lumbar Spine MRI in Maragheh MRI Center (2008) Amiralmomentin Hospital

Kourosh Abdollahifard, Maragheh/Iran

EP-208 CNS Cavernous Hemangioma: Imaging, Clinical Presentation and Related Anatomophysiology

Jalal Jalal shokouhi, Tehran/Iran

EP-209 Assessment of the sacral ratio in normal population and anorectal malformation in two years study

Parvin Alipoor, Tehran/Iran

Session 5-2-4: Research in Radiology

16:00-18:00

Search Methodology & Resources – INLM

Foroozan Karimi MD

Workshops- Program

Day 2 – Wednesday – April 29, 2009

Room A

8:30-10:30

CT Scan of Paranasal Sinuses

Hashem Sharifian MD, Tehran/Iran

11:00-13:00

GI Imaging

Ali Shirkhoda MD, Royal Oak/USA

14:00-16:00

MRI of Fetal Anomalies

Keyanoosh Hosseinzadeh MD, Pittsburg, USA

16:00-18:00

Digital Mammography

Neda Abdollahi MS, Tehran/Iran

Room B

Stroke

Hossein Ghanaati MD, Tehran/Iran

11:00-13:00

Prostatic Cancer Imaging

Mazda Memarsadeghi MD, Vienna/Austria

14:00-16:00

CT Bone Densitometry

Mohsen Shojai Moghaddam MS, Mohammadreza Alinaghizadeh, Tehran/Iran

16:00-18:00

Physics of MRI

Daryoush Saedi MD, Tehran/Iran

Room C

8:30-10:30

Down Syndrome Screening

Masood Poureisa MD, Tabriz/Iran

11:00-13:00

1st & 2nd Trimester Screening of Fetal Anomalies

Ahmadreza Tahmasebpour MD, Tehran/Iran

14:00-16:00

Hysterosalpingography

Firoozeh Ahmadi MD, Tehran/Iran

16:00-18:00

Hysterosonography

Mojgan Kalantari MD, Tehran/Iran

Main Hall Program

Day 3 – Thursday – April 30, 2009

Session 1-3-1: Women's Imaging

08:30-10:30

| | | |
|--------|---|-----------------------|
| Chairs | 1 | Larujani, Tahereh |
| | 2 | Mahdizadeh, Mehrzad |
| | 3 | Sanei Taheri, Morteza |
| | 4 | Honarbakhsh, Abbas |

08:30 **Ultrasound Evaluation of Female Adenxal Mass - A Simplified Approach**

Keyanoosh Hosseinzadeh, Pittsburgh/USA

09:00 **Fetal Malformations**

Masoud Poureisa, Tabriz/Iran

09:30 **Imaging of Ovaries**

Nahid Sedighi, Tehran/Iran

09:50 **Imaging of Uterine Cervix**

Masoumeh Gity, Tehran/Iran

10:10 **Imaging of Endometrium**

Khadijeh Bakhtavar, Tehran/Iran

10:30-11:00 *Coffee Break – Exhibition*

Session 1-3-2: Musculoskeletal Imaging II

11:00-13:00

| | | |
|--------|---|---------------------|
| Chairs | 1 | Bonakdarpour, Akbar |
| | 2 | Hadizadeh, Homayoun |
| | 3 | Sanei, Babak |

11:00 **Rotator Cuff Lesions of Shoulder**

Herwig Imhof, Vienna/Austria

11:40 **The WHO Definition of Diminished Bone Density Tells the Truth but not the Whole Truth**

Akbar Bonakdarpour, Philadelphia/USA

- 12:10 **Athletic Pubalgia and “Sports Hernia”:** Optimal MR Imaging Technique and Findings
Babak Sanei, Tabriz/Iran
- 12:25 **Computer-aided Planning of Puncture Site and Tract Line Vertebroplasty**
Mohammad Hadi Bagheri, Shiraz/Iran
- 12:45 **Benign vs Malignant Compression Fractures**
Babak Sanei, Tabriz/Iran

13:00-14:00 *Lunch*

Session 1-3-3: Management in Radiology **(Farsi Language)**

14:00-16:00

| | | |
|--------|---|-----------------------------|
| Chairs | 1 | Jalalshokouhi, Jalal |
| | 2 | Mozafari, Mahmoud |
| | 3 | Hashemi, Hassan |

- 14:00 **How to Prevent Legal Problems in Radiology Practice**
Kamran Aghakhani, Tehran/Iran
- 14:10 **Management in Radiology**
Saeed Rad, Tabriz/Iran
- 14:20 **Overview of Radiology Economics in Iran**
Jalal Jalalshokouhi, Tehran/Iran
- 14:30 **Radiology in Iran: An Outlook**
Abdolrasool Sedaghat, Karaj/Iran
- 14:40 **The Role of National Board of Radiology in “Future of Radiology in Iran”**
Ali Radmehr, Tehran/Iran
- 14:50 **Strategic Committee of Radiology in Ministry of Health: A Report**
Ali Shabani, Tehran/Iran
- 15:00 **Strategic Approach to Radiology Profession**
Ali Shakouri Rad, Tehran/Iran

15:45

Strategic Approach to Radiology Profession – Panel Discussion

Moderator: Ali Shakouri Rad, Tehran/Iran

Participants:

- 1- *Ali Radmehr*
- 2- *Ali Shirkhoda*
- 3- *Abdolrasool Sedaghat*
- 4- *Hossein Ghanaati*
- 5- *Shahram Akhlaghpoor*
- 6- *Mohammad Hadi Bagheri*
- 7- *Kombiz Seifi Steadi*

16:00

**General Assembly of
Iranian Society of Radiology**

20:00

Social Event: Mohammad Esfahani's Concert

Football Academy Hall Program

Radiology from Clinician's Point of View

Joint Meeting of Iranian Society of Radiology & Professional Associations

Day 3 – Thursday – April 30, 2009

Radiology from Vascular Surgeon's Point of View

Moderator: *Hossein Ghanaati (Radiologist)*

Time: 8:30-10:30

- 08:30 **Varice: How to Evaluate by Sonography**
Sirous Nekoei (Radiologist)
- 08:40 **Varice: The Role of the Interventional Treatments**
Shahram Akhlaghpour (Radiologist)
- 08:50 **Varice: Surgical Treatment**
Morteza Taghavi (Vascular Surgeon)
- 09:00 **Carotid Artery: Clinical Evaluation and Medical Treatment**
Mohammad Reza Gheini
- 09:10 **Carotid Artery: The Role of CT Angiography**
Marzieh Motevali (Radiologist)
- 09:20 **Carotid Artery: The Role of MR Angiography**
Hasan Hashemi (Radiologist)
- 09:30 **Carotid Artery: interventional Therapeutic Procedures**
Hossein Ghanaati (Radiologist)
- 09:40 **Carotid Artery: Surgical Treatment**
Alireza Kalantar Motamedi (Vascular Surgeon)

09:50 Panel Discussion:

Carotid Stenosis: Surgical vs interventional Treatment

Participants:

Mohammad reza Zafarghandi (Vascular Surgeon)

Modaghegh (Vascular Surgeon)

Mirsharifi (Vascular Surgeon)

Masoud Pezeshkirad (Radiologist)

Alireza Rasekhi (Radiologist)

Kavous Firooznia (Radiologis

Ali Shakourirad (Radiologist)

Hamidreza Haghghatkhah(Radiologist)

Radiology from Cardiologist's Point of View

Moderator: *Shahram Akhlaghpour (Radiologist)*

Time: 11:00-13:00

- 11:00 **Who Is Candidate for Coronary CT Angiography?**
Seifollah Abdi (Cardiologist)
- 11:15 **Pitfalls in Coronary CT Angiography**
Abbas Arjmand Shabestari (Radiologist)
- 11:30 **Limitation of Coronary CT Angiography**
Mahmoud Hashemian (Cardiologist)
- 11:45 **Clinical Importance of the Calcium Scoring on CT Coronary Angiography**
Noushin Shirvandehei (Radiologist)

12:00 Panel Discussion:

Who Is eligible for Cardiac Imaging?

Participants:

- Iraj Nazeri (Cardiologist)*
- Masoud Ghasemi (Cardiologist)*
- Seifollah Abdi (Cardiologist)*
- Noushin Shirvandehei (Radiologist)*
- Mahmoud Tahraeei (Radiologist)*
- Abbas Arjmand Shabestari (Radiologist)*

Radiology from Surgeon's Point of View

Moderator: *Mahmoud Mozafari (Radiologist)*

Time: 14:00-16:00

- 14:00 **The Role of the Breast Imaging in Evaluation of Breast Diseases: Surgeon's Point of View**
Ramesh Omranipour (Surgeon)
- 14:10 **The Role of the Breast Imaging in Evaluation of Breast Diseases: Radiologist's Point of View**
Mohammad Mehdi Arasteh (Radiologist)
- 14:20 **Occult Cancers (Non-palpable Breast Mass)**
Morteza Atri (Surgeon)
- 14:30 **Imaging of Occult Cancers**
Masoumeh Gity (Radiologist)
- 14:40 **Problems and pitfalls in post-op Breast imaging: Surgeon's Point of View**
Mostafa Hashemi (Surgeon)
- 14:50 **Problems and pitfalls in post-op Breast imaging: Radiologist's Point of View**
Mahmoud Tehrai (Radiologist)

15:00 Panel Discussion

Participants:

Morteza Atri (Surgeon)

Mostafa Hashemi (Surgeon)

Ramesh Omranipour (Surgeon)

Azita Azarian (Radiologist)

Afshin Alavi (Pathologist)

Faranak Babakifard (Radiologist)

2nd Floor Workshop D - Program

Day 3 – Thursday – April 30, 2009

Management in Radiology

08:30-10:30

Quality Management for Radiologists

Coordinator: *Kamel Shadpour MD*

08:30 **Introduction to Quality Management**

Kamel Shadpour MD, Tehran. Iran

08:50 **Clinical Governance: Definition & Basic Concepts**

Arash Rashidian MD, Tehran, Iran

09:10 **How to Implement Clinical Governance in a Medical Service**

Mojtaba Sedaghat MD, Tehran, Iran

09:30 **Medical Error: Importance and Ways to Prevent**

Ali Akbar Sari MD, Tehran, Iran

Research in Radiology

11:00-13:00

Types of Study Design

Babak Eshрати MD

Research in Radiology

14:00-16:00

Health Technology Assessment

Reza Majdzadeh PHD

Fatemeh Rajabi MD

Ali Akbar Sari MD, PHD

Web Classroom- Program

E-learning in Radiology

Olympic Hotel – Ground Floor – Web Classroom

Section Head: Davide Caramella, Pisa, Italy

Day 3 – Thursday – April 30, 2009

Session 5-2-1: E-learning Session V

08:30-10:30

www.searchingradiology.com; www.goldminer.arrs.org;

www.yottalook.com

Coordinators: *Davide Caramella, Mansoor Fatehi, Alireza Shakibafard*

Session 5-2-2: E-learning Session VI

11:00-13:00

Electronic journals, Online journals, Medscape, Online Textbooks

Coordinators: *Davide Caramella, Mansoor Fatehi, Alireza Shakibafard*

Session 5-3-3: Poster Sessions III

14:00-16:00

**EP-301 Spontaneous Intracranial Hypotension (SIH): Case Report
(Three Iranian Cases)**

Gholamreza Bakhshandepour, Tehran/Iran

**EP-302 Association of Vertebrobasilar Dolichoectasia and
Anomalous Hypoplastic Left Vertebral Artery: Report of Two Cases
and Review of the Literature.**

Mahyar Mohammadi Fard, Birjand/Iran

**EP-303 Constrictive Pericarditis- A Diagnostic Dilemma: Report of
Three Cases Being Overlooked for a Long Time and Suggested
During Ultrasound Evaluation of the Liver**

Mahmoud Goudarzi, Tehran/Iran

EP-304 Anomalous Unilateral Single Pulmonary Vein Mimicking Pulmonary Nodules on HRCT of the Lungs and Scimitar Syndrome on Chest Radiograph: Multidetector CT Findings

Mahmoud Goudarzi, Tehran/Iran

EP-305 A Case of Rhabdomyosarcoma of kidney mimicking nephroblastoma

Rahele Monzavi, Tehran/Iran

EP-306 Ellis-van Creveld Syndrome: Report of a Family with 3 Cases

Mahyar Mohammadi Fard, Birjand/Iran

EP-307 Correlation between Prostatic Trans-rectal Ultrasound Findings and Biopsy Results

Mohammad Kazem Tarzamni, Tabriz/Iran

EP-308 Fibrodysplasia Ossificans Progressiva Report of a Case, Review of Diagnostic Methods

Jahanbakhsh Hashemi, Mashhad/Iran

EP-309 Transient Osteoporosis of the Hip

Farideh Shahandeh, Tehran/Iran

Workshops- Program

Day 2 – Wednesday – April 29, 2009

Room A

8:30-10:30

Coronary CT Angiography

Abbas Arjmand Shabestari MD, Tehran/Iran

11:00-13:00

US Guided Breast Biopsy

Nasrin Ahmadinejad MD, Tehran/Iran

14:00-16:00

Peripheral CT Angiography

Mojtaba Ebrahimi MD, Tehran/Iran

Room B

8:30-10:30

Penile Doppler

Mahyar Ghafoori MD, Tehran/Iran

11:00-13:00

Musculoskeletal US - I

Farrokh Naderi MD, Tehran/Iran

14:00-16:00

Musculoskeletal US - II

Farrokh Naderi MD, Tehran/Iran

Room C

8:30-10:30

PACS – Basic

Afshin Niakan

11:00-13:00

PACS – Basic

Afshin Niakan

14:00-16:00

PACS – Advanced

Afshin Niakan

Main Hall Program

Day 4 – Friday – May, 2009

Session 1-4-1: Musculoskeletal Imaging III

08:30-10:30

| | | |
|--------|---|--------------------------|
| Chairs | 1 | Bajoghli, Morteza |
| | 2 | Naderi, farrokh |
| | 3 | Honarbakhsh, Iraj |

08:30 **The Applications of High Field MRI Technology on Permanent MRI**

Lei Zhao, Beijing/China

09:00 **Painful Hip in Childhood**

Morteza Mearadji, Rotterdam/The Netherlands

09:30 **Skeletal Tumor Ablation**

Shahram Akhlaghpour, Tehran/Iran

09:50 **MRI Anatomy and Normal Variation of Ankle**

Hassan Mostafavi, Tehran/Iran

10:10 **Lumbar Intervertebral Disc Herniation: Anatomy & Pathologic Findings**

Gholamreza Bakhshandehpour, Tehran/Iran

10:30-11:00 *Coffee Break – Exhibition*

Session 1-4-2: Scientific Papers V

(The Best Paper Candidates)

11:00-13:00

| | | |
|--------|---|-----------------------------------|
| Chairs | 1 | Ghanaati, Hossein |
| | 2 | Daghighi, Mohammad Hossein |
| | 3 | Mansourian, Hamidreza |

11:00 **Functional MRI as a Valuable Non-Invasive Brain Mapping**

Technique in Healthy Subjects and Patients with Brain Tumors

Ali Mahdavi, Tehran/Iran

11:10 Prognostic Value of Gastric Bare Area & Left Adrenal Gland Involvement in Acute Pancreatitis on Abdominal CT SCAN

Saeed Naghibi, Mashhad/Iran

11:20 Color Doppler Sonography in the Diagnosis of Carpal Tunnel Syndrome Using a Quantitative Method

Ahmadreza Ghasemi Esfe, Tehran/Iran

11:30 The Role of Abdominal Ultrasonography in Predicting Pediatric Gastritis and Helicobacter Pylori Infection

Fatemeh Khanali, Tehran/Iran

11:40 Determining Frequency of Proximal ICA Plaques in Patients with Carotid Siphon Calcification Incidentally Detected in Patients with Non-ischemic Symptoms

Sepideh Sefidbakht, Shiraz/Iran

11:50 MR guided RF Ablation and Thermometry

Sara Eskandari, Tehran/Iran

12:00 Enhanced Fertility after Diagnostic Hysterosalpingography in Unexplained Infertility

Mahmoud Fallah Tafti, Yazd/Iran

12:10 Pseudolisthesis Secondary to Small L5 Vertebra

Mohammad Hadi Bagheri, Shiraz/Iran

12:20 Accuracy Assessment of CT-guided Core Needle Biopsy in Musculoskeletal Lesions

Morteza Joorabian, Damascus/Syria

12:30 Iron Overload Assessment in Adult Thalassaemic Patients Using MRI T2*

Azita Azarkeivan, Tehran/Iran

12:40 Measurement of Cervical Length Changes During Normal Pregnancy by Endovaginal Ultrasound Device

Morteza Tahmasebi, Ahwaz/Iran

12:50 Measurement of Obstetric Conjugate Diameter by Transabdominal Ultrasonography during Pregnancy and Comparison of Its Size With Type of Delivery

Mohammad Hossein Daghighi, Tabriz/Iran

13:00-14:00

Closing Ceremony

- Best Paper Award
- Best Resident Paper Award
- Special President's Award to Out-standing Radiologist
- Closing Remarks: ICR2009 President

Hegmatane Hall Program

Day 4 – Friday – May 1, 2009

Session 2-4-1: Head & Neck Imaging

08:30-10:30

- | | | |
|--------|---|-------------------------|
| Chairs | 1 | Sharif Kashany, Shervin |
| | 2 | Jalal Shokouhi, Jalal |
| | 3 | Afkar, Malek Maryam |
- 08:30 **Eye as a Mirror of Systemic Disease**
Aliakbar Ameri, Tehran/Iran
- 08:50 **Vertigo Imaging**
Jalal Jalalshokouhi, Tehran/Iran
- 09:10 **Salivary Gland Disorders Assessing by Sialography and Sialo-CT**
Jahanbakhsh Hashemi, Mashhad/Iran
- 09:30 **Imaging of the Larynx and Pharynx : Anatomy**
Malek Maryam Afkar, Tehran/Iran
- 09:50 **3D Cone Beam Volumetric Tomography Dedicated to Maxillofacial Radiology**
Masoud Varshosaz, Tehran/Iran
- 10:10 **Neck CT Scan**
Shervin Sharif Kashani, Tehran/Iran

10:30-11:00 *Coffee Break – Exhibition*

Session 2-4-2: Miscellaneous Topics

11:00-13:00

- | | | |
|--------|---|-------------------|
| Chairs | 1 | Sharifian, Hashem |
| | 2 | Khajavi, Aliakbar |
| | 3 | Zandi, Behrooz |
| | 4 | Tahmasbi, Morteza |

- 11:00 **Intra- & Para-sellar Lesions**
Mohammad Hossein Daghighi, Tabriz/Iran
- 11:30 **Multi-voxel MR Spectroscopy of Prostate**
Mahyar Ghafoori, Tehran/Iran
- 11:50 **The Current Status of Radiology in Neuro-psychiatric Disorders**
Qiyong Gong, Sichuan/China
- 12:10 **INRA's Role in Radiological Protection of Patients & Medical Exposure Control**
Mohammad Reza Kardan, Tehran/Iran
- 12:30 **Sacro-iliac Joints: What is New? When Should You Use Which Modality?**
Babak Sanei, Tabriz/Iran
- 12:45 **Breast Imaging Using Novel Optical Diffusion Technologies**
Lei Zhao, Beijing/China

Football Academy Hall Program

Radiology from Clinician's Point of View

Joint Meeting of Iranian Society of Radiology & Professional Associations

Day 4 – Friday – May 1, 2009

Radiology from Nephrologist's and Urologist's Point of View

Moderator: *Ali Akbar Ameri (Radiologist)*

Time: 8:30-10:30

- 08:30 **VCUG: What the Clinician Wants to Know?**
Pejman Shadpour (Urologist)
- 08:40 **VCUG: How to Do and Interpret?**
Minoo Naroeinejad (Radiologist)
- 08:50 **Dynamic MRU**
Mahyar Ghafoori (Radiologist)
- 09:00 **Varicocele: What the Clinicians Want to Know?**
Mohsen Ayati (Urologist)
- 09:10 **Pediatric Urinary Tract imaging: Technical Considerations**
Morteza Bajoghli (Radiologist)
- 09:20 **Prostatic Cancer: What the Clinicians Want to Know?**
Abbas Basiri (Urologist)
- 09:30 **Prostate Biopsy: What the Clinicians Want to Know?**
Ali Tabibi (Urologist)
- 09:40 **Transrectal Evaluation and Biopsy of Prostate: Technical Considerations**
Sabah Golian (Radiologist)
- 09:50 **MRI and MR Spectroscopy of Prostate: Technique & Clinical Indications**
Mahyar Ghafoori (Radiologist)

10:00 Panel Discussion

Participants:

Pejman Shadpour (Urologist)

Mohsen Ayati (Urologist)

Minoo Naroueinejad (Radiologist)

Morteza Bajoghli (Radiologist)

Mahyar Ghafoori (Radiologist)

Ali Tabibi (Urologist)

Abbas Basiri (Urologist)

Sabah Golian (Radiologist)

Radiology from Gastroenterologist's Point of View

Moderator: *Alireza Rasekhi (Radiologist)*

Time: 11:00-13:00

- 11:00 **Staging of the Gastro esophagus cancers: What the clinicians want to know?**
Seyed Amir Mirbagheri (Gastroenterologist)
- 11:10 **Staging of Esophagus, Stomach and Colon Cancers: How Radiologist Can Help?**
Kaveh Samimi (Radiologist)
- 11:20 **Cirrhosis What a Clinician Wants to Know?**
Siavash Naseri Moghaddam (Gastroenterologist)
- 11:30 **Cirrhosis How a Radiologist Can Help**
Alireza Rasekhi (Radiologist)
- 11:40 **Biliary Acute Abdomen: What a Surgeon Wants to Know?**
Mohammad Reza Badiee (GI Surgeon)
- 11:50 **Biliary Acute Abdomen: How a Radiologist Can Help?**
Behrouz Davachi (Radiologist)

12:00 Panel Discussion:

Livers Masses

Participants:

Siavash Naseri Moghaddam (Gastroenterologist)

Naser Ebrahimi Daryani (Gastroenterologist)

Mohammad Reza Badiee (GI Surgeon)

Kaveh Samimi (Radiologist)

Behrouz Davachi (Radiologist)

2nd Floor Workshop D - Program

Day 4 – Friday – May 1, 2009

Management in Radiology

08:30-10:30

Financial Management of Imaging Centers

Abdolrasool Sedaghat MD

08:30 **Establishing a Medical Imaging Center**

Abdolrasool Sedaghat MD

08:45 **Current Expenses in an Imaging Center**

Mohammad Mehdi Araste MD

09:00 **How to Reduce Capital & Current Expenses of an Imaging Center**

Ahmad Soltani Shirazi MD

09:15 **The Role of Equipment Selection Consult in Reduction of Capital Costs of an Imaging Center**

Alireza Tavakoli, Bijan Azish

09:45 **Imaging Center Management: Personal, Board of Director or Share Holding Approaches**

Abdolrasool Sedaghat MD

10:00 **Tax Issues in an Imaging Center**

Daryoush Etemadi MD

Research in Radiology

11:00-13:00

Research Ethics

Farhad Hanjani MD

Karen Shashok

Web Classroom- Program

E-learning in Radiology

Olympic Hotel – Ground Floor – Web Classroom

Section Head: Davide Caramella, Pisa, Italy

Day 4 – Friday – May 1, 2009

Session 5-1-1: E-learning Session VII

08:30-10:30

ESR-related Resources: EPOS, Eurorad, e-ECR, EDIPS (Repeat)

Coordinators: *Davide Caramella, Mansoor Fatehi, Alireza Shakibafard*

Session 5-1-2: E-learning Session VIII

11:00-13:00

www.isrvirtual.org & other virtual congresses (Repeat)

Coordinators: *Davide Caramella, Mansoor Fatehi, Alireza Shakibafard*

Workshops- Program

Day 4 – Friday – May 1, 2009

Room A

8:30-10:30

Gastroesophageal Reflux Disorder (GERD)

Mehrzad Mehdizadeh MD, Tehran/Iran

11:00-13:00

Bone Densitometry

Afsaneh Bajouri MS, Siamak Rashidi MS, Tehran/Iran

Room B

8:30-10:30

Bone Densitometry

Mohsen Soroush MD, Tehran/Iran

Room C

8:30-10:30

PACS – Basic

Afshin Niakan, Tehran/Iran

11:00-13:00

PACS – Advanced

Afshin Niakan, Tehran/Iran

Speaker Index