



איגוד הרדיולוגים בישראל - Israel Radiological Association
מארח את - Hosting the
French Israel Association of Medical Imaging - AFIM - SFR

12.25 CME CREDITS

In joint sponsorship with Albert Einstein College
of Medicine of Yeshiva University, USA



Israel Radiological Association International Annual Meeting

Dan Eilat Hotel (on the Red Sea), Israel
October 31 - November 2, 2012
ט"ו-י"ז בחשוון תשע"ג, ימים רביעי - שישי



PROGRAM

Eilat 2012

President of the conference:
Prof. Jacob Sosna, Chairman of ISRA

Organizing Committee:
Prof. M. Graif
M. Amitai MD, A. Blachar MD, N. Hiller MD, J. Luc Drape MD,
E. Konen MD, D. Shaham MD

Scientific Committee:
N. Hiller MD (Chairman), L. Appelbaum MD, G. Bartal MD, A. Blachar MD,
A. Engel MD, D. Goldsher MD, E. Konen MD, L. Kornreich MD,
N. Peled MD, T. Sella MD, D. Shaham MD, I. Shelef MD, R. Zissin MD

Faculty Committee:
Michael Zalis MD, Jan W. Casselman, MD, Marc Zins MD,
Nogah Haramati MD, Linda Haramati MD, Ronit Agid MD,
Jean Luc Drape – president AFIM

CME Reviewer:
Nogah Haramati, MD
Professor of Clinical Radiology, Department of Radiology
(Musculoskeletal Radiology)
Professor of Clinical Orthopedic Surgery, Department of Orthopedic Surgery
Chief, Department of Radiology, Albert Einstein College of Medicine
Montefiore Medical Center, New York, USA

Quiz Committee:
J. Bar-Ziv MD, G. Bartal MD

Michal Meidan Award:
R. Katz MD (Chairperson), I. Shelef MD, A. Nachtigal MD

ISRA Website:
www.israel-radiology.org.il

Dear Colleagues

We are pleased to forward to you the program for the forthcoming International Annual Conference of the Israel Radiological Association to be held at the "Dan" Hotel, Eilat, Israel, October 31 - November 2, 2012. As in the past years we will host the members of the Israeli-French Association of Medical Imaging AFIM and the representatives of the SFR (French Radiological Society).

This year we will provide CME accreditation through joint sponsor ship of Albert Einstein College of Medicine of Yeshiva University and the Israel Radiological Association. This new initiative will increase the international participation in our conference. We hope that the refresher course this year on "Practical Imaging from Head to Toe" will contribute to this matter.

We have numerous international guest lecturers this coming meeting and I would like to mention among them Ronit Agid (Canada), Jan Casselman (Belgium), Jean-Luc Drape (France), Nogah Haramati (USA), Linda Haramati (USA), Michael Zalis (USA) and Marc Zins (France). The faculty will include prominent local lecturers from the fields of radiology such as Eli Atar, Miri Sklair-Levy, Ofer Binyaminov, Hilla May, Ernesto Glazer and Liora Kornreich.

Our guest of honor for the year 2012 is Professor Yaacov Itzhak, past chair of Radiology at the Sheba Medical Center - Scientist, Radiologist and educator of many generations of radiologists.

All lectures, scientific communications and posters will be held in English for the convenience of the international forum of attendees. As in the past conferences we shall dedicate the 'Michal Meidan' award to the best presentation delivered by Israeli resident in Radiology. A case solution quiz will be displayed for all participants and the winner will be awarded.

We continue our traditional collaboration with the Imaging industry and providers of imaging services. These companies will display, as always, the most recent technological innovations and will be with us throughout all conference days.

Sincerely yours,

Prof. J. Sosna

President of the Conference
Chairman of the Israel Radiological Society

חברים יקרים,

אנו שמחים ומתכבדים להעביר אליכם את חוברת הכנס השנתי של איגוד הרדיולוגים 2012 שיתקיים בין התאריכים 2.11.2012-31.10.2012 ימים רביעי - שישי, במלון "דן אילת".

כבשנים קודמות, יחברו אלינו חברי האגודה הצרפתית-ישראלית לרדיולוגיה AFIM ונציגי SFR האיגוד הרדיולוגי הצרפתי. השנה נעניק לראשונה נקודות התעדכנות (CME) מטעם בית החולים איינשטיין בניו-יורק. אנו בטוחים כי כמות המשתתפים מחו"ל תגדל עקב כך.

תוכנית הכנס כוללת את קורס הרענון בנוגע ל"דימות מעשי מכף רגל עד ראש".

בין האורחים רונת אגיד (קנדה), יאן קסלמן (בלגיה), זן-לוק דרפה (צרפת), נגה הרמתי (ארה"ב), לינדה הרמתי (ארה"ב), מיכאל זליס (ארה"ב) ומרק זינס (צרפת). יחברו אליהם ממיטב המרצים המקומיים בתחום הרדיולוגיה ביניהם עפר בינימינוב, מירי סקלייר לוי, אלי עטר, ארנסטו גלזר, הילה מאי וליאורה קורנרייך.

אורח הכבוד מישראל לשנת 2012 הוא פרופ' יעקב יצחק, לשעבר מנהל חטיבת הדימות במרכז הרפואי שיבא ברמת-גן. פועלו המדעי, המקצועי והארגוני יוצגו ביום חמישי, במושב הפתיחה החגיגי של הכנס.

כן נקיים בכנס את המסורות שהונהגו בו בעבר והכוללות הענקת הפרס ע"ש 'מיכל מידן' ז"ל עבור עבודת המחקר המצטיינת למתמחה ופרס נוסף ינתן לפותר החידון הרדיולוגי בכנס.

זו ההזדמנות להודות לנציגי התעשייה ותחומי שירותי הדימות המשתתפים באופן מסורתי, לאורך כל השנים, ולחברות החדשות המצטרפות לתמיכה בכנס מדעי זה של האיגוד, אשר יציגו את החידושים האחרונים בתחום הדימות הרפואי.

בברכת שנה טובה,

ואיחולים להצלחה והנאה לכולכם באילת

פרופ' יעקב סוסנה

נשיא הכינוס

יו"ר איגוד הרדיולוגים בישראל

CME Accreditation Information Israel Radiological Association 2012 Annual Meeting

Needs: The needs assessment for this activity were determined on the basis of national guidelines and published literature, and these needs are addressed in the Learning Objectives.

Intended Audience: Medical Doctor degree or equivalent. Post-graduate training with completion of residency in one of the following specialties: diagnostic radiology, surgery, internal medicine, obstetrics and gynecology, pediatrics, oncology, rheumatology, radiation Therapy, physical medicine & rehabilitation

Learning Objectives: The goal of this activity is to enable the participant to learn and assemble new information and move the participant's level of practice from the current level to an optimal "Best Practices" level. Emphasize recent changes in the field of radiology including plain films, CT, and fluoroscopy in an effort to reduce the radiation exposure of the patients undergoing diagnostic examinations.

Build focus sessions in the program that will address areas of practitioner skills and methods/strategies for individuals to improve their skills regarding optimized use of multidetector CT scanners and multi-channel MR imaging.

Create the program with a balance of lectures and exhibits that focus on recent research or "Hot Topics" in professionalism, compassion along with targeting and teaching the value and use of quality metrics.

Part of the program will be dedicated to core performance areas for learning reinforcement regarding improvements in imaging quality and throughput.

Recent experiences regarding the experience and practice in safety areas such as MR and nephrogenic systemic fibrosis.

CME Reviewer: **Nogah Haramati, M.D.**

Professor of Clinical Radiology, Department of Radiology (Musculoskeletal Radiology)

Professor of Clinical Orthopedic Surgery, Department of Orthopedic Surgery

Chief, Department of Radiology

Albert Einstein College of Medicine, Montefiore Medical Center, New York, USA

Accreditation Statements:

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through joint sponsorship of Albert Einstein College of Medicine of Yeshiva University and the Israel Radiological Association, Israel. Albert Einstein College of Medicine of Yeshiva University is accredited by the ACCME to provide continuing medical education for physicians.

Albert Einstein College of Medicine of Yeshiva University designates this live activity for a maximum of 12.25

AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

American with Disabilities Act: If you require any special dietary or ADA accommodations, please contact us at: Ofakim conference: Chen@ofam.co.il, Tel: 972-3-7610802/7 Fax: 972-3-7610799.

Registration for the meeting is online at: the ISRA website: www.israel-radiology.org.il

Conflict of Interest Statement: The "Conflict of Interest Disclosure Policy" of Albert Einstein College of Medicine requires that faculty participating in any CME activity disclose to the audience any relationship(s) with a pharmaceutical or equipment company. Any presenter whose disclosed relationships prove to create a conflict of interest, with regards to their contribution to the activity, will not be permitted to present.

The Albert Einstein College of medicine also requires that faculty participating in any CME activity disclose to the audience when discussing any unlabeled or investigational use of any commercial product, or device, not yet approved for use in the United States.

Equal Opportunity Statement:

The Albert Einstein College of Medicine is an equal opportunity institution.

ISRA International Annual Meeting 2012 Conference Program

**Refresher and Educational Course:
Practical Imaging from Head to Toe**

Hall A

Wednesday, October 31, 2012

11:00-12:00 **Registration and light refreshments**

12:00-12:30 Cerebral aneurysms - Pitfalls of non-invasive imaging (CTA)
Ronit Agid MD, Canada

12:30-13:00 Larynx imaging: Anatomy and pathology
Jan Walter Casselman MD, Belgium

13:00-13:30 ***Light Lunch Break***

13:30-14:00 CT of pulmonary embolism - Evidence for overdiagnosis
Linda B. Haramati MD, USA

14:00-14:30 Breast imaging - update
Miri Sklair-Levy MD, Israel

14:30-15:00 Cirrhosis, from regenerative nodule to HCC - Practical approach
Ofer Binyaminov MD, Israel

15:00-15:30 ***Coffee Break***

15:30-16:00 Cystic lesions of bone - A practical approach
Nogah Haramati MD, USA

16:00-16:30 Endovascular treatment for peripheral vascular disease - All you need to know
Eli Atar MD, Israel

16:30-17:00 Differential diagnosis of lesions of the distal phalanx
Jean-Luc Drape MD, France

17:00-19:00 **Forth AFIM Workshop**

Pre-Registration required

US of digestive arteries: Normal and pathologic findings
Prof. Jean Michel CORRES (hospital Necker, Paris, France)

19:30-22:00 ***Welcome Cocktail Reception***

Thursday November 1, 2012

08:00-09:00

Registration

09:00-09:15

Opening Remarks - J. Sosna, Chairman of ISRA

Hall A

09:15-09:45

Abdominal MR imaging at 3T: is it really better?
Guest Lecturer: M. Zins MD, France

09:45-10:15

Advanced search of the electronic health record to improve operations in radiology: Data driving optimal practice
Guest Lecturer: M. Zalis MD, USA

10:15-11:00

Session 1: Abdominal Imaging-Part 1 *Parallel Session*

Hall A

10:15 -10:24

Managing challenges and pitfalls in MRI evaluation of suspected appendicitis in pregnancy
M. Amitai, L. Guranda, S. Apter, O. Portnoy, Y. Eshet
Sheba Medical Center, Tel-Hashomer, Israel

10:24-10:33

CT pelvimetry and neonate head circumference parameters are highly correlated with the risk for instrumental delivery and cesarean section due to cephalo-pelvic disproportion
A. Koval, L. Linov, A. Anteby
Barzilai Medical Center, Israel

10:33-10:42

Accuracy of ultrasonographic diagnosis of acute appendicitis in pregnant women
N. Kokhanovsky, A.R. Zeina, N. Reindorp, A. Levit-Kantor, Y. Glick, A. Nachtigal
Hillel Yaffe Medical Center, Hadera, Israel

10:42-10:51

Post-hysterectomy ovarian vein thrombosis-CT detection and clinical significance
A. Osadchy, R. Zissin
Meir Medical Center, Kfar Saba, Israel

10:51-11:00

CT appearance of uterine cesarean scar: Correlation with clinical outcome and complications
Y. N. Turner, R. Nabulsi, S. Grisaro, N.R. Bogot
Shaare Zedek Medical Center, Jerusalem, Israel

10:15-11:00

Session 2: Pediatric Imaging *Parallel Session*

Hall B

10:15-10:24

Ultrasound guided core biopsy as the primary tool for tissue diagnosis in pediatric oncology
A. Ilivitzki, M. Abugazala, M. Arkovitz, A. Benbarak, S. Postovsky, N. Arad-Cohen, M. Ben-Arush, A. Engel
Rambam Health Care Campus, Haifa, Israel

10:24-10:33

Reconsidering appendix testis torsion: A distinct cluster of ultrasonographic features
M. Lev, J. Ramon, Y. Mor, J.M. Jacobson and M. Soudack
Sheba Medical Center, Tel-Hashomer, Israel

- 10:33-10:42 Sonographic features differentiating small bowel from ileocolic intussusceptions in children
N. Lioubashevsky, N. Simanovsky, N. Hiller
Hadassah-Hebrew University Medical Center, Jerusalem, Israel
- 10:42-10:51 Image gently: Image quality and dose assessment in portable chest radiographs in the NICU and PICU before and after implementation of a high-KVP technique
B.Z. Koplewitz, A. Yahav-Dovrat, K. Rozovsky, J. Sosna and I. El-Bakri
Hadassah-Hebrew University Medical Center, Jerusalem, Israel
- 10:51-11:00 Correlation between post-mortem computed tomography and magnetic resonance imaging and autopsy findings in children
N. Berkovitz, M. Vasserman, P. Gottlieb, S. Tal
Assaf Harofeh Medical Center, Zerifin, Israel

11:00-11:30 **Coffee Break**

11:30-13:00 **Session 3: Abdominal Imaging - Part 2**
Parallel Session

Hall A

- 11:30-11:45 Pancreatic mass: Tumor or inflammation? What imaging diagnostic strategy?
Guest Lecturer: M. Zins MD, France
- 11:45-11:54 Acute graft versus host disease of the gastrointestinal tract: CT in the clinical and prognostic evaluation
S. Apter, U. Rimon, M. Hertz, R. Yerushalmi, M. Amitai, O. Portnoy, L. Guranda, A. Nagler, A. Shimoni
Sheba Medical Center, Tel-Hashomer, Israel
- 11:54-12:03 Computed Tomography study of the effect of orlistat on visceral adipose tissue volume in obese subjects
G. Bachar, Y. Inbar, D. Dicker, P. Herskovitz, M. Katz, E. Atar
Rabin Medical Center, Petah Tikva, Israel
- 12:03-12:12 CT urography - A single institution review
N. Loberant, A. Kolesnikov, O. Yakir
Western Galilee Hospital, Nahariya, Israel
- 12:12-12:21 Imaging of drug smuggling and various body packing techniques, preliminary results
O. Mozes, Y. Eshet, O. Goitein, E. Konen, L. Guranda
Sheba Medical Center, Tel-Hashomer, Israel
- 12:21-12:30 Volumetric CT measurement of liver metastases: Our experience with a new software technique
S. P. Raskin, M. Amitai
Sheba Medical Center, Tel-Hashomer, Israel
- 12:30-12:39 Detection of net liver metastases with (GA-68-DOTATOC) PET-(GD-EOB DTPA) MRI fusion
N. F. Schreiter, R. Roettgen, U. F. Pape, B. Hamm, W. Brenner, M. Nogami
Charité - Universitätsmedizin Berlin, Campus Virchow, Berlin, Germany
- 12:39-12:48 Real time sonoelastography in the differential diagnosis of focal hepatic lesions
R. Schor Bardach, N. Simanovsky, N. Hiller, N. Lioubashevsky
Hadassah-Hebrew University Medical Center, Jerusalem, Israel

12:48-12:57 Renal tumors: Radiologic pathologic correlation work in progress
E. Abramovici, I. Cohen, N. Loberant
Western Galilee Hospital, Nahariya, Israel

11:30-13:00 **Session 4: Pediatric Imaging - Part 2**
Parallel Session

Hall B

11:30 -11:45 Imaging of vascular malformations in children
Guest Lecturer: L. Korienrich MD, **O. Konen** MD, **M. Schwarz** MD, Israel

11:45-11:54 MR imaging in septo-optic dysplasia: A spectrum of associated congenital malformations
A. Ben Ely, H. Branson, S. Ahsan, C. A. Raybaud
Hospital for Sick Children, Toronto, ON, Canada

11:54-12:03 ADC values of the developing normal fetal brain
C. Hoffmann, D. Bergman
Sheba Medical Center, Tel-Hashomer, Israel

12:03-12:12 MRI white matter lesions in pediatric migraine
O. Konen, T. Eidlitz-Markus, A. Zeharia
Schneider Children's Medical Center, Petach Tikva, Israel

12:12-12:21 Otogenic sinus vein thrombosis in children: Does it still occur? Are we sure of diagnosis?
L. Kornreich, O. Konen, M. Schwarz, O. Ulanovski, J. Yacobovich, N. Buller, E. Raveh
Schneider Children's Medical Center, Petach Tikva, Israel

12:21-12:30 Fast-brain MRI in children: Quick, without sedation, and radiation-free, but beware of pitfalls
K. Rozovsky, E. Ventureyra, E. Miller
Hadassah Hebrew University Medical Center, Jerusalem, Israel

12:30-12:39 Safety and efficacy of liver biopsies in children using 18G and 20G coaxial core-needles
Y. Rapson, R. Shapiro, Y. Mozer-Glassberg, A. Belenky, M. Knizhnik, S. Litvin, E. Atar
Rabin Medical Center, Petach-Tikva, Israel

12:39-12:57 Discussion

13:00-14:00 **Lunch Break**

14:00 -14:30 MRI of the head and neck, basic technical requirements: Coils-sequences techniques
Guest Lecturer: J. W. Casselman MD, Belgium

14:30-15:35 **Session 5: Chest Imaging**
Parallel Session

Hall A

14:30-14:39 Automated computerized software for diameter and volume measurements of pulmonary metastatic disease: Preliminary evaluation
E. Lotan, D. Aharoni, S. Raskin, I. Eshed, B. Boursi, R. Berger, E. Konen
Sheba Medical Center, Tel-Hashomer, Israel

- 14:39-14:48 Immediate post-mortem Computed Tomography evaluation of trauma victims support lines malpositioning
E. Lotan, D. Simon, E. Konen, L. Guranda
Sheba Medical Center, Tel Hashomer, Israel
- 14:48-14:57 Normal CT characteristics of the thymus in adults
K. Rozovsky, N. Hiller, N. Loubashevsky, N. Simanovsky
Hadassah Hebrew University Medical Center, Jerusalem, Israel
- 14:57-15:06 CT-guided pericardiocentesis like a new possibility in patients with various causes pericardial effusion
A. Smolikov, D. Klyuchareva, S. Li, I. Shelef
Soroka University Medical Center, Beer-Sheva, Israel
- 15:06-15:15 Opposite side aspiration in resistant pneumothorax after CT-guided lung biopsy-complementary role after simple needle aspiration
D. Yaffe, D. Shitrit, M. Gottfried, G. Bartal, J. Sosna
Meir Medical Centre, Kfar Saba, Israel
- 15:15-15:25 Should pulmonary embolism be suspected in patients with acute exacerbation of chronic obstructive pulmonary disease?
A. R. Zeina, M. Beckerman, U. Soimu, A. Nachtigal
Hillel Yaffe Medical Center, Hadera, Israel
- 15:25-15:34 Retained fibrin sheaths: A common CT finding after long-term indwelling central venous catheter removal
G. Rosen, D. Krausz, J. Fisher, L.B. Haramati, W.B. Burton, A. Godelman, V.R. Jain, J. M. Levsky, B. Taragin, J. Cynamon, G. Aviram
Souraski Medical center, Tel Aviv, Israel

14:30-15:30 **Session 6: Neuroradiology - Part 1**
Parallel Session

Hall B

- 14:30-14:45 Intracranial arterial wall imaging
Guest Lecturer: R. Agid MD, Canada
- 14:45-14:54 Application of CT perfusion as an ancillary test in brain death diagnosis
R. Anconina, R. Novoa, E. Benkovich, I. Shelef
Soroka University Medical Center, Beer-Sheva, Israel
- 14:54-15:03 Quantification of CT perfusion parameters and penumbra based on aspects
A. Eran, B. Gilboa, G. Telman, Y. Amsalem
Rambam Health Care Campus, Haifa, Israel
- 15:03-15:12 A new algorithm for estimating blood-brain barrier permeability in magnetic resonance imaging studies
I. Shelef, V. Lublinsky, A. Friedman, Y. Chassidim
Soroka University Medical Center Beer-Sheva, Israel
- 15:12-15:21 Imaging of post mortem brain in situ by diffusion tensor imaging in forensic radiology
N. Berkovitz, O. Berman, P. Gottlieb, S. Tal
Assaf Harofeh Medical Center, Zerifin, Israel
- 15:21-15:30 Directional diffusivity changes describing micro-structural damage in normal appearing and lesioned cervical cord white matter in multiple sclerosis
N. Berkovitz, P. Gottlieb, S. Tal
Assaf Harofeh Medical Center, Zerifin, Israel

15:30-16:00

Coffee Break

16:00-17:30

Session 7: Cardiovascular Imaging
Parallel Session

Hall A

- 16:00-16:15 Imaging of adult congenital heart disease - simple shunts
Guest Lecturer: L. B. Haramati MD, USA
- 16:15-16:24 Validation of aortic pulse wave velocity analysis assessed with velocity encoded MRI using parallel imaging with high reduction factor
N. Baram, I. Shelef, P. Rosen, G. Karp, A. Wolak
Soroka University Medical Center, Beer-Sheva, Israel
- 16:24-16:33 Aortic dimensions on MDCT versus echocardiography: Some are more equal than others...
A. R. Zeina, D. S. Blondheim, Y. Glick, L. Vassilenko, A. Shotan, A. Nachtigal
Hillel Yaffe Medical Center, Hadera, Israel
- 16:33-16:42 Trends in clinical Cardiovascular Magnetic Resonance (CMR) utilization
O. Goitein, A. Hamdan, Y. Eshet, S. Matezky, H. Hod, O. Agranat, Y. Salem, E. Di Segni, E. Konen
Sheba Medical Center, Tel- Hashomer, Israel
- 16:42-16:51 Microvascular obstruction assessed by cardiac MRI in patients with ST segment elevation MI (STEMI) undergoing primary Percutaneous Coronary Interventions (PCI)
O. Goitein, A. Grupper, R. Beigel, A. Hamdan, Y. Eshet, H. Hod, E. Di Segni, E. Konen, S. Matetzky
Sheba Medical Center, Tel- Hashomer, Israel
- 16:51-17:00 The additive value of CT prior to Transcatheter Aortic Valve Replacement (TAVR) procedure
O. Goitein, E. Di Segni, E. Konen, Y. Eshet, V. Guetta, A. Segev, A. Hamdan
Sheba Medical Center, Tel- Hashomer, Israel
- 17:00-17:09 Role of dobutamine stress MRI for preoperative cardiac risk assessment before major vascular surgery
A. Hamdan, O. Goitein, E. Di Segni, E. Konen
Sheba Medical Center, Tel-Hashomer, Israel
- 17:09-17:18 Epicardial adipose tissue as a predictor of coronary artery disease in asymptomatic subjects
G. N. Bachar, V. Hasminsky, D. Dicker, R. Kornowski, E. Atar
Rabin Medical Center, Petah Tikva, Israel
- 17:18-17:27 Vascular ring imaging - Ten years experience
Y. Salem, O. Goitein, J. Jacobson, D. Mishali, J. Danieli, U. Katz, D. Almelech, J. Hegesh, E. Di Segni, E. Konen
Sheba Medical Center, Tel-Hashomer, Israel

16:00-17:30

Session 8: Neuroradiology - Part 2
Parallel Session

Hall B

- 16:00-16:15 Hyperostosis frontalis interna: Between two centuries
Guest Lecturer: H. May MD, Israel
- 16:15-16:24 Stent-assisted angioplasty in the management of extracranial carotid and vertebral arteries dissection after trauma
J. M. Gomori, S. Moscovici, E. Itshayek, F. Ramirez de Noriega, J. E. Cohen
Hadassah Hebrew University Medical Center, Jerusalem, Israel

- 16:24-16:33 Stent-based thrombectomy in the management of major ischemic stroke of the anterior circulation
J. M. Gomori, S. Moscovici, E. Itshayek, F. Ramirez de Noriega, J. E. Cohen
Hadassah Hebrew University Medical Center, Jerusalem, Israel
- 16:33-16:42 Endovascular stenting of extracranial carotid artery stenosis: Can zero postoperative stroke rates be achieved?
S. Mahgerefteh, S. Moscovici, O. Karaaslan, J. M. Gomori, J. E. Cohen
Hadassah Hebrew University Medical Center, Jerusalem, Israel
- 16:42-16:51 Potential consequences of late wilson's disease diagnosis
D. Kozic, I. Petrovic, M. Svetel, N. Boskov, V. Kostic
University of Novi Sad School of Medicine, Sremska Kamenica; Serbia
- 16:51-17:00 MR Neurography: Assaf Harofeh Medical Center preliminary results
S. Tal, Y. Cohen-Sivan, Y. Anekstein, Y. Mirovski
Assaf Harofeh Medical Center, Zerifin, Israel
- 17:00-17:09 Early MR findings in organophosphate-induced brain damage- potential biomarkers for short term prognosis
S. Shrot, D. Anaby, A. Krivoy, I. Makarovsky, Y. Rosman, E. Bloch-Shilderman, S. Lazar, A. Bar-shir, Y. Cohen
Sheba Medical Center, Tel-Hashomer, Israel
- 17:09-17:18 Advanced MR characteristics of peritumoral regions can discriminates between glioblastoma multiforme and cerebral metastases
S. Shrot, C. Hoffmann
Sheba Medical Center, Tel-Hashomer, Israel
- 17:18-17:27 Cerebral Fat Embolism (CEF): Imaging features -Experience of one medical center
R. Shreter, R. Shreiber, Y. Bar Lavie, D. Goldsher
Rambam Health Care Campus, Haifa, Israel

20:00 *Gala Dinner*

Friday November 1, 2012

- 08:30-09:00 Laxative-free CT Colonography with advanced electronic cleansing and CAD: Technical and experience
Guest Lecturer: M. Zalis MD, USA

Hall A

- 09:00 -10:30 **Session 9: Musculoskeletal Imaging**
Parallel Session

Hall A

- 09:00-09:15 Hip sport injuries
Guest Lecturer: E. Glaser MD and J. Levy MD, Israel
- 09:15-09:24 Bilateral hip replacement: Comparison of MRI signal intensity of periprosthetic pseudotumor collection between metal on metal and other hip replacement devices
D. Aharoni, E. Slomianski, T. Kushnir, A. Kadar, A. Menahem, A. Grundshtein, S. Dekel, I. Eshed
Sheba Medical Center, Tel-Hashomer, Israel
- 09:24-09:33 Metal-on-metal hip replacement: Correlation between blood metal ions levels and MRI signal intensity of different body tissues
E. Slonimsky, T. Kushnir, A. Kadar, S. Dekel, A. Grundshtein, A. Menahem, I. Eshed
Sheba Medical Center, Tel-Hashomer, Israel

- 09:33-09:42 Patients with atypical femoral fractures - Radiological parameters and medication exposure
L. TriptoShkolnik, A. Nachtigal, D. Militianu, R. Bachrach, A. Jaffe
Hillel Yaffe Medical Center, Hadera, Israel
- 09:42-09:51 The natural course of computed tomography progression in diffuse idiopathic skeletal hyperostosis - Preliminary results
G. Yaniv, S. Bader, N. Shazar, D. Aharoni, I. Eshed
Sheba Medical Center, Tel-Hashomer, Israel
- 09:51-10:00 Indices of paraspinal muscles degeneration: Reliability and association with facet joint osteoarthritis: Feasibility study
R. Tseitlin, L. Kalichman, A. Klindukhov, L. Ling, L. Linov
Ben Gurion University of the Negev, Beer Sheva, Israel
- 10:00-10:09 Early computed tomography findings of spinal infection
V. Perkhulov, P. Ben-Galim, M. Adi, P. Herskovitz and M. Katz
Kaplan Medical Center, Rehovot, Israel
- 10:09-10:18 Degenerative lumbar spinal stenosis and lumbar spine configuration
J. Abbas, K. Hamoud, N. Peled, H. May, D. Stein and I. Hershkovitz
Sackler faculty of medicine Tel-Aviv, Israel
- 10:18-10:27 MRI of the sacroiliac joints: Alternative diagnosis to inflammatory sacroiliitis
I. Eshed, D. Aharoni
Sheba Medical Center, Tel-Hashomer, Israel
- 10:27-10:36 Is contrast material needed for detecting enthesitis on MRI? A systematic comparison between stir and T1-W post-contrast images
E. Klang, U. Rimon, A. Dvora, A. Herman, N. Shazar, H. Kay-Geert, I. Eshed
Sheba Medical Center, Tel-Hashomer, Israel

09:00-10:30 **Session 10: Interventional Radiology**
Parallel Session

Hall B

- 09:00-09:09 Adjuvant catheter-directed intra-arterial steroid therapy for patients with high grade steroid-resistant Graft Versus Host Disease (GVHD)
S. Mahgerefteh, A. Klimov, M.Y. Shapira, D. Nahman, N. Sharon, R. Or, I. B. Resnick, A. Verstandig, A. I. Bloom
Hadassah Hebrew University Medical Center, Jerusalem, Israel
- 09:09-09:18 Diagnosis and treatment of popliteal artery entrapment syndrome: A single center experience using modern imaging techniques
A. Mahrer, A. Klimov, J. Sosna, Y. Leichter, I. Elbakri, H. Anner and A. I. Bloom.
Hadassah Hebrew University Medical Center, Jerusalem, Israel
- 09:18-09:27 Combined IR and OB approach to the management of abnormal placental penetration
J. Singer-Jordan, S. Papura, O. Ofir, Y. Bornshtein
Western Galilee Hospital, Nahariya, Israel
- 09:27-09:36 Long term outcome for angioplasty with stent graft versus bare stent for cephalic arch stenosis in hemodialysis access
I. Zaghal, D. Shemesh, I. Goldin, S. Shmailovitz, A. Verstandig, D. Berelowitz and O. Olsha
Shaare Zedek Medical Center, Jerusalem, Israel
- 09:36-09:42 Elective selective calicealureteronephrostomy insertion in minimally or non-hydronephrotic kidneys as a preparation for PCNL
A. Belsky, H. Neyman, E. Belenky Bleich, D. Lifshitz, R. Holland, A. Belenky, S. Litvin, M. Kniezhnik, E. Atar
Hasharon Hospital, Rabin Medical Center, Petach-Tikva, Israel

- 09:42-09:57 IRE (Irreversible Electroporation) treatment effect susceptibility to local tissue properties
E. Ben David, M. Faroja, L. Appelbaum, J. Sosna, I. Nissenbaum, S.N. Goldberg
Hadassah Hwbrew University Medical Center, Jerusalem, Israel
- 09:57-10:06 Computed-tomography-guided high-dose-rate brachytherapy (CT-HDRBT) ablation of metastases adjacent to the liver hilum
F. Colletini, A. Singh, D. Schnapauff, M. J. Powerski, T. Denecke, P. Wust, B. Hamm, B. Gebauer
Campus Virchow-Klinikum, Berlin, Germany
- 10:06-10:15 Comparing outcome of magnetic resonance-guided focused ultrasound surgery and uterine artery embolization for uterine fibroids - short-term and mid-term results
V. Froeling, K. Meckelburg, C. Scheurig-Muenkler, N. F. Schreiter, J. Kamp, H. Maurer, B. Hamm, A. Beck, T. J. Kroencke
Campus Virchow-Klinikum, Berlin, Germany
- 10:15-10:24 Optical guidance in percutaneous CT guided procedures
R.T. Greenbaum, L. Appelbaum, A. Hirschenbein, Y. Applbaum, Y. Libson, J. Sosna
Hadassah-Hebrew University Medical Center, Jerusalem, Israel
- 10:24-10:33 Optimizing cluster electrode radiofrequency ablation
A. Wandel, A. Feifer, M. Faroja, S. Gourovitch, S. N. Goldberg
Wolfson Medical Center, Holon, Israel
- 10:35-11:00 *Coffee Break*
- 11:00-11:20 Comprehensive approach and treatment of Modic 1 discopathies
Guest Lecturer: J. L. Drape MD, France

11:20-12:45 **Session 11: General Imaging & Informatics**
Parallel Session

Hall A

- 11:20-11:35 Request for radiological results as an unbeatable way to attack medical systems
Guest Lecturer: D. Amitai, Israel
- 11:35-11:44 Frequency of risk factors for contrast-induced nephropathy in a busy academic CT unit: The importance of kidney protection measures
S. Fraifeld, A. Slobodnik, S. Mahgerefteh, O. Karaaslan, J. Sosna
Hadassah-Hebrew University Medical Center, Jerusalem, Israel
- 11:44-11:53 Initial evaluation of language independent speech recognition system for radiology reporting
G. Bartal, M. Werner, E. Kots, A. Osadchy, A. Makori
Meir Medical Center, Kfar-Saba, Israel
- 11:53-12:02 Successive integrated PACS and RIS implementation improves communication and collaboration between radiologists and referring physicians
G. Bartal, M. Ayal, L. Haj, Z. Rosenbaum, A. Makori
Meir Medical Center, Kfar-Saba, Israel
- 12:02-12:11 Analysis of calcium, iron and iodine concentrations by material decomposition maps derived from dual-layer dual-energy CT
M. Gabbaj, Leichter, R. Zimam, J. Sosna
Hadassah-Hebrew University Medical Center, Jerusalem, Israel

12:11-12:20 Screening for Abdominal Aortic Aneurysm
I. Subotsky, I. Greenberg-Wolff, Y. Klainbaum
Maccabi Health Service, Israel

11:20-12:40 **Session 12: Breast Imaging**
Parallel Session

Hall B

11:20-11:29 Detection of suspicious calcifications on single view (MLO) mammography
Y. Adler-Levy, G. Zeltzer, T. Sella
Hadassah-Hebrew University Medical Center, Jerusalem, Israel

11:29-11:38 Conventional ultrasound, nipple ultrasound and sonoelastography in breast papillary lesions: Diagnostic challenges and usefulness
A. R. Chiorean, M. M. Duma, M. A. Chiorean, S. A. Sfrangeu
"Iuliu Hatieganu", Faculty of Medicine, Cluj Napoca, Romania

11:38-12:47 Imaging aspects in non-neoplastic breast inflammatory diseases
M. M. Duma, A. R. Chiorean, A. Lebovici, M. A. Chiorean, S. A. Sfrangeu
University of Medicine and Pharmacy, Cluj Napoca, Romania

12:47-11:56 Sonographic detection of microcalcifications- Potential of new method
M. Grigoryev, T. Fischer, F. Diekmann, U. Bick, T. Slowinski, A. Thomas
Charité - Universitätsmedizin, Berlin, Germany

11:56-12:05 Early and late fluorescence near-infrared mammography for detection and differentiation of breast cancer
A. Poellinger, A. Hagen, D. Grosenick
Charité Campus Virchow Klinikum, Berlin, Germany

12:05-12:14 Shear-wave elastography of sonographic breast masses undergoing core needle biopsy - Histopathologic correlation
T. Sella, G. Zeltzer, T. Kleinman, E. Chernovsky, B. Maly
Hadassah-Hebrew University Medical Center, Jerusalem, Israel

12:14-12:23 Dual-energy contrast-enhanced digital mammography vs mammography alone: Initial clinical results
M. Sklair-Levy, A. Rundestein, A. Shalmon, Y. Servadio, E. Konen
Sheba Medical Center, Tel-Hashomer, Israel

12:23-12:32 Evaluation of residual breast tissue post mastectomy using breast MRI
V. Tsehmaster Abitbol, A. Rundstein, A. Shalmon, E. Konen, M. Sklair-Levy
Sheba Medical Center, Tel-Hashomer, Israel

12:32-12:40 Paget's nipple disease: Radiological/pathological correlation
N. Weisenberg, I. Sharshevsky, M. Shapiro
Meir Medical Center, Kefar Saba, Israel

12:45-13:30 **Michal Meidan Award Ceremony,
Quiz Solutions and awards,
Closing Remarks**

13:30-14:00 *Light Lunch*

Program at a Glance

Wednesday October 31, 2012		Thursday November 1, 2012			Friday November 2, 2012		
	Hall A		Hall A	Hall B		Hall A	Hall B
10:00-12:00	Registration	08:00-09:00	Registration		08:35-09:00	Guest Lecturer: M. Zalis MD, (USA)	
		09:00-09:15	Opening Remarks: J. Sosna MD Chairman of ISRA				
		09:15-09:45	Guest Lecturer: M. Zins MD, (France)		09:00-10:30	Session 9 Musculoskeletal Imaging	Session 10 Interventional Radiology
		09:45-10:15	Guest Lecturer: M. Zalis MD, (USA)				
		10:15-11:00	Session 1 Abdominal Imaging Part 1	Session 2 Pediatric Imaging Part 1	10:30-11:00	Coffee Break	
11:00-11:20	Guest Lecturer: J. L. Drape MD, (France)						
12:00-13:00	Refresher and Educational Course: Practical imaging From Head to Toe	11:00-11:30	Coffee Break		11:20-12:40	Session 11 General Imaging & Informatics	Session 12 Breast Imaging
		11:30-13:00	Session 3 Abdominal Imaging Part 2	Session 4 Pediatric Imaging Part 2			
13:00-13:30	Light Lunch Break	13:00-14:00	Lunch Break		12:45-13:30	Quiz Solutions Michael Meidan Award Closing Remarks	
13:30-15:00	Refresher and Educational Course: Practical imaging From Head to Toe	14:00-14:30	Guest Lecturer: J. W. Casselman MD, (Belgium)				
		14:30-15:35	Session 5 Chest Imaging	Session 6 Neuroradiology Part 1			
15:00-15:30	Coffee Break	15:35-16:00	Coffee Break				
15:30-17:00	Refresher and Educational Course: Practical imaging From Head to Toe	16:00-17:30	Session 7 Cardiovascular Imaging	Session 8 Neuroradiology Part 2			
17:00-19:00	AFIM Workshop						
19:30	Welcome Cocktail Reception	20:00	Gala Dinner				

EXHIBITORS:

Bayer Schering Pharma

Covidien

Dexcel pharma

DMS - Carestream Health

Eldan Electronic instruments

GE Healthcare

PHILIPS HEALTHCARE

SIEMENS Healthcare



82 Derech Menachem Begin, Tel Aviv 67138, Israel
Tel: 972-3-7610802/7 • Fax: 972-3-7610799