



Israel Radiological Association - איגוד הרדיולוגים בישראל -
מארח את

French Israel Association of Medical Imaging - AFIIM

Israel Radiological Association Annual Meeting

PROGRAM

Hotel Dan Eilat (on the Red Sea), Israel
26 - 28 October 2011
כ"ח - ל' בתשרי תשע"ב

President of the conference:
Prof. Moshe Graif, Chairman of ISRA

Organizing Committee:
**M. Amitai MD, H. Azoulay MD, A. Blachar MD, A. Blum MD, N. Hiller MD,
E. Konen MD, J.D. Laredo MD, D. Shaham MD, J. Sosna MD**

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

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

Michal Meidan Award:
R. Katz MD (Chairperson), A. Engel MD, N. Hiller MD, L. Kornreich MD

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

יושב ראש הכנס:
פרופ' משה גריף, יו"ר איגוד הרדיולוגים

חברי הוועדה המארגנת:
**פרופ' מ. גריף (נשיא הכנס), ד"ר ה. אזולאי, ד"ר מ. אמיתי, פרופ' א. בלום,
פרופ' ב. בלשר, ד"ר נ. הילר, פרופ' ז.ד. לרדו, פרופ' י. סוסנה, ד"ר א. קונן, ד"ר ד. שחם**

חברי הוועדה המדעית:
**פרופ' י. סוסנה (יו"ר), פרופ' א. אנגל, ד"ר א. בלשר, ד"ר ג. ברטל, ד"ר ד. גולדשר,
ד"ר נ. הילר, פרופ' ר. זיסין, ד"ר ת. סלע, ד"ר נ. פלד, ד"ר א. קונן, פרופ' ל. קורנריך,
ד"ר ד. שחם**

אתר הבית של איגוד הרדיולוגים:
www.israel-radiology.org.il

Dear Colleagues

We are pleased to forward to you the program for the forthcoming annual conference of the Israel Radiological Association to be held at the "Dan" Hotel, Eilat, Israel, October 26-28, 2011.

As in the past years we will host the members of the Israeli-French Association of Medical Imaging AFIMM and the representatives of the SFR (French Radiological Society).

The pre-conference course will take place on Wednesday, October 26, from 12:00-17:00. The significant infrastructure change that occurred in the last year in Israel in the field of MRI, raised the need for enhanced education in this respect - we hope that the refresher course this year will contribute to this matter.

We have numerous international guests lecturers this coming meeting and I would like to mention among them Leonard Berlin, Frank Miller, Claudia Henschke, David Yankelevitz, Diana Litmanovich and Matthew Cham from the USA, Gabriel Krestin from Holland, Allan Fox from Canada, Jean-Denis Laredo, Allan Blum, Laurence Bellaiche and Jean-Claude Sadik from France. The faculty will include prominent local lecturers from the fields of radiology and nuclear medicine such as Ilan Shelef, Tal Yonash-Kimchi, Ora Israel and Tamar Sella.

Our guest of honor for the year 2011 is Professor Uriel Kleinhaus, past chair of Radiology at the Rambam Medical Center in Haifa - Physician, 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 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. M. Graif

President of the Conference
Chairman of the Israel Radiological Society

חברים יקרים,

אנו שמחים ומתכבדים להעביר אליכם את חוברת הכנס השנתי של איגוד הרדיולוגים 2011, שיתקיים בין התאריכים 26-28 באוקטובר 2011, ימים רביעי - שישי, במלון "דן אילת".

ככשנים קודמות, יחברו אלינו חברי האגודה הצרפתית-ישראלית לרדיולוגיה (AFIIM), ונציגי האיגוד הרדיולוגי הצרפתי SFR.

תוכנית הכנס כוללת את קורס הרענון 'קדם כנס' ביום ד', בין השעות 12:00-17:00. השנה הקורס יוקדש לתכנים הקשורים ב-MRI, לאור ההרחבה הניכרת של התשתיות הלאומיות בתחום זה בשנה האחרונה.

בין האורחים הבינלאומיים ליאונרד ברלין, פרנק מילר, דויד ינקלביץ, קלאודיה הנשקה, דיאנה ליטמנוביץ ומתיו צ'אם מארה"ב, פרופ' גבריאל קרסטין מרוטרדם, פרופ' אלן פוקס מטורונטו וידידנו המוכרים מצרפת ז'אן-דניס לרדו, אלן בלום, לורנס בלאיש וז'אן-קלוד סאדיק. יחברו אליהם ממיטב המרצים המקומיים בתחום הרדיולוגיה והרפואה הגרעינית ביניהם אילן שלף, טלי יונש-קמחי, אורה ישראל ותמר סלע.

אורח הכבוד מישראל לשנת 2011 הוא פרופ' אוריאל קליינהאוז, לשעבר מנהל חטיבת הדימות במרכז הרפואי רמב"ם בחיפה. פועלו ודרכו 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 יינתן לפותר החידון הרדיולוגי בכנס.

במסגרת הכינוס תערכנה בחירות ליו"ר וועד איגוד הרדיולוגים.

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' משה גריף

נשיא הכינוס

יו"ר איגוד הרדיולוגים בישראל

Program at a Glance

| Wednesday October 26, 2011 | | Thursday October 27, 2011 | | | | Friday October 28, 2011 | | |
|-------------------------------|---|------------------------------|--|---|-----------------------------------|----------------------------|---|--|
| Hall A | | Hall A | Hall B | Hall C | Hall A | Hall B | | |
| | | 08:00-09:00 | Registration | | | 09:00-09:30 | Guest Lecturer: G. Krestin MD, (The Netherlands) | |
| | | 09:00-09:15 | Opening Remarks: M. Graif MD, Chairman of ISRA | | | | | |
| | | 09:15-09:45 | Guest Lecturer: G. Krestin MD, (The Netherlands) | | | 09:30-10:50 | Session 7 Abdominal Imaging - Part 2 | Session 8 Interventional Radiology |
| | | 09:45-10:15 | Guest Lecturer: L. Berlin MD, (USA) | | | | | |
| | | 10:15-10:45 | Guest Lecturer: C. Henschke MD, (USA) | | | | | |
| 11:00-12:00 | Registration and Light refreshments | 10:45-11:15 | <i>Coffee Break</i> | | | 10:50-11:15 | <i>Coffee Break</i> | |
| | | 11:15-11:45 | Guest Lecturer: F. Miller MD, (USA) | | | 11:15-11:35 | Guest Lecturer: A. Fox MD, (Canada) | |
| 12:00-13:00 | Refresher and Educational Course: MR Imaging | 11:45-13:30 | Session 1 Abdominal Imaging - Part 1 | Session 2 Breast Imaging | Session 3 Pediatric Imaging | 11:35-11:50 | Guest Lecturer: O. Israel MD, (Israel) | |
| 13:00-13:30 | <i>Light Lunch Break</i> | 13:30-14:30 | <i>Lunch Break</i> | | | 11:50-13:00 | Session 9 Abdominal Imaging - Part 3 and General Imaging | Session 10 Neuroradiology |
| 13:30-15:00 | Refresher and Educational Course MR Imaging | 14:30-14:45 | Professional overview M. Graif MD, Chairman of ISRA | | | 13:00-13:15 | Michael Meidan Award Ceremony Quiz Solutions and Awards Closing Remarks | |
| | | 14:45-15:10 | Guest Lecturer: D. Yankelevitz MD, (USA) | | | | | |
| 15:00-15:30 | <i>Coffee Break</i> | 15:10-16:10 | Session 4 Chest Imaging | Session 5 Musculoskeletal Imaging | | 13:15-13:45 | <i>Light Lunch</i> | |
| 15:30-17:00 | Refresher and Educational Course: MR Imaging | 16:10-16:30 | <i>Coffee Break</i> | | | | | |
| | | 16:30-17:35 | Session 6 Cardiovascular Imaging | | | | | |
| 17:00-19:00 | AFIM Workshop | | | | | | | |
| 19:30 | <i>WELCOME COCKTAIL RECEPTION</i> | 20:00 | <i>Gala Dinner</i> | | | | | |

ISRA 2011 Conference Program

**Refresher and Educational Course:
MR Imaging**

Hall A

Wednesday, October 26, 2011

11:00-12:00

Registration and light refreshments

12:00-12:30

Imaging of CNS neoplasms
Tal Yonash-Kimchi MD, Israel

12:30-13:00

Brain Perfusion: From physiology to imaging
Ilan Shelef MD, Israel

13:00-13:30

Light Lunch Break

13:30-14:00

MRI imaging of the heart and great vessels
Matthew Cham MD, USA

14:00-14:30

Images of some tumors and pseudotumors of the spine to know?
Jean-Denis Laredo MD, France

14:30-15:00

Body MR practical approach: Overview of multiple organs
Frank Miller MD, USA

15:00-15:30

Coffee Break

15:30-16:00

MRI of sport injuries
Laurence Bellaiche MD, France

16:00-16:30

Bone marrow edema syndrome, transient osteoporosis and regional migratory osteoporosis
Allan Blum MD, France

16:30-17:00

MRI of the breast: State of the art
Tamar Sella MD, Israel

17:00-19:00

Third AFIM Workshop - Hands-on training

Renal artery doppler

Pre-registration is required

Jean-Michel Correas MD, France

19:30-22:00

Welcome Cocktail Reception

Thursday October 27, 2011

08:00-09:00

Registration

09:00-09:15 Opening Remarks - **M. Graif MD**, Chairman of ISRA

Hall A

09:15-09:45 Population imaging: A new paradigm for disease prediction
Guest Lecturer: G. Krestin MD, (The Netherlands)

09:45-10:15 Medical malpractice: America's infamous export to the world, status 2011
Guest Lecturer: L. Berlin MD, (USA)

10:15-10:45 Update on lung cancer screening
Guest Lecturer: C. Henschke MD, (USA)

10:45-11:15 *Coffee Break*

11:15-11:45 Essentials of liver imaging
Guest Lecturer: F. Miller MD, (USA)

11:45-13:30 **Session 1: Abdominal Imaging - Part 1**
Parallel Session

Hall A

11:45-11:54 Color-coded duplex sonography compared to MDCT for the diagnosis of crohn's disease relapse and complications
M. Shapira-Rootman, A. J Kreitenberg, D. Fischer, I. Maza, Y. Chowers, D. Gaitini
Rambam Health Care Campus, Haifa, Israel

11:54-12:03 Comparison of CT scanning and double balloon endoscopy in the evaluation of patients with suspected pathology in the gastrointestinal tract: Evaluation of potential benefit of CT in guiding subsequent double balloon endoscopy
D. Aharoni, M. Nadler, M. Hertz, M. Amitai
Sheba Medical Center, Tel- Hashomer, Israel

12:03-12:12 Radiological findings of superior mesenteric vein thrombosis in crohn's disease patients
M. Amitai, U. Kopylov, S. Ben-Horin
Sheba Medical Center, Tel- Hashomer, Israel

12:12-12:21 Appendicitis in adults with incidentally diagnosed MIDGUT malrotation: CT findings
A. Ben Ely, Y. Cohen-Sivan, R. Zissin, A. Osadchy, P. Gottlieb, L. Carpineta, G. Gayer
Assaf Harofeh MC, Zerifin, Israel

12:21-12:30 The yield of MRCP in evaluating patients with elevated liver enzymes
O. Benjaminov, N. Goldberg, F. Benjaminov-Sclarovsky, R. Tur-Kaspa
Beilinson Campus, Rabin Medical Center, Petah Tikva, Israel

12:30-12:39 Early and late graft pseudoaneurysm following pancreatic transplantation
A. Kessler, **D. Cohen**, N. Lubetzki, G. Rosen, Y. Kori, R. Nakash, M. Ben Haim
Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel

- 12:39-12:48 Revised whole-body computed tomography protocol for polytrauma patients using a triphasic injection - Single pass scan on 64-MDCT scanner
G. Yaniv, O. Portnoy, S. Bader, E. Konen, L. Guranda
Sheba Medical Center, Tel- Hashomer, Israel
- 12:48-12:57 Isolated spontaneous dissection of the celiac and superior mesenteric artery: A rare cause of epigastric pain
A. R. Zeina, **A. Levit-Kantor**, D. Hevron, U. Soimu, I. Portnoy, A. Nachtigal
Hillel Yaffe Medical Center, Hadera, Israel
- 12:57-13:06 The role of plain abdominal radiographs in the evaluation of patients with non-traumatic abdominal pain
A.R. Zeina, J. Ashkar, S. Abu-Mouch, A. Nachtigal
Hillel Yaffe Medical Center, Hadera, Israel
- 13:06-13:15 The Mickey Mouse sign: A useful sonographic finding in the diagnosis of torsion of the testicular appendages
A. Ben Ely, G. Cassia, R. Faingold
Montreal Children's Hospital, Canada
- 13:15-13:24 Ureteral stones: Correlation between Location and Shape
N. Berkovitz, Y. Siegel, A. Lindner, P. Gottlieb, T. Bdolah-Abram, L. Copel
Assaf Harofeh Medical Center, Zerifin, Israel

11:45-13:30 **Session 2: Breast Imaging**
Parallel Session

Hall B

- 11:45-11:54 Outcome of 9G vacuum assisted MR guided biopsies in women with a personal history of breast cancer
T. Arazi-Kleinman, M. Sklair-Levy, E. Slonimsky, B. Maly, B. Uziely, E. Libson, **T. Sella**
Hadassah Hebrew University Medical Center, Jerusalem, Israel
- 11:54-12:03 The influence of neoadjuvany chemotherapy on breast density and background parenchymal enhancement on MRI
T. Arazi-Kleinman, N. Halpren, E. Carmon, T. Peretz-Yablonski, T. Sella
Hadassah Hebrew University Medical Center, Jerusalem, Israel
- 12:03-12:12 Imaging evaluation of breast after Intraoperative Radiotherapy (LORT) in early breast cancer patients
I. Goldman, T. Peysakhovich, A. Biterman, E. Shiloni, M. Steiner
Lynn Medical Center, Haifa, Israel
- 12:12-12:21 Near-infrared imaging of the breast using omocianine as a fluorescent dye results of a placebo-controlled, clinical, multicenter trial
A. Poellinger, T. Persigehl, M. Mahler, M. Bahne, S. L. Ponder, F. Diekmann, C. Bremer, T. Moesta
Charité Campus Virchow Klinikum, Berlin, Germany
- 12:21-12:30 Ultrasound guided percutaneous vacuum assisted **excision** of papillary lesions
T. Sella, T. Allweiss, E. Carmon, B. Maly
Hadassah Hebrew University Medical Center, Jerusalem, Israel

- 12:30-12:39 Automated whole-breast ultrasound vs. handheld physician dependent breast ultrasound: Preliminary report
M. Sklair-Levy, **A. Shalmon**, A. Rundstein
Sheba Medical Center, Tel- Hashomer, Israel
- 12:39-12:48 Skeletal findings on MRI of the breast
M. Sklair-Levy, A. Shalmon, A. Rundstein, I. Eshed
Sheba Medical Center, Tel- Hashomer, Israel
- 12:48-12:57 HGF/SF-Induced Ca²⁺ intake to breast tumor cells - A manganese enhanced MRI (MEMRI) study
G. Tsarfaty, I. Tsarfaty, S. Natan, E. Konen, T. Kushnir
Sheba Medical Center, Tel- Hashomer, Israel
- 12:57-13:06 Tumor to breast volume ratio as measured on MRI - A possible predictor of breast conservation versus mastectomy
R. Faermann, F. Sperber, S. Schneebaum, D. Barsuk
Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel
- 13:06-13:15 Comparison between mamography and breast ultrasound to breast MRI imaging in BRCA genes carriers
O. Halshtok-Neiman, M. Sklair-Levy, E. Fridman
Sheba Medical Center, Tel- Hashomer, Israel
- 13:15- 13:24 The clinical value of Digital breast tomosynthesis in addition to full-field digital mammography - the "combo" application
A. Grubstein, Y. Rapson, M. Cohen
Rabin Medical Center, Petah Tikva, Israel
- 13:24-13:33 Clinical assessment of the use of Digital Breast Tomosynthesis
Y. Rapson, A. Grubstein, M. Cohen
Rabin Medical Center, Petah Tikva, Israel

11:45-13:30 **Session 3: Pediatric Imaging**
Parallel Session

Hall C

- 11:45-12:05 MRE of Children
L. Kornreich MD (Israel)
- 12:05-12:14 Asymmetry of the odontoid-lateral masses interspaces in pediatric trauma CT, Do we need to further investigate?
A. Eran, D.M. Yousem, I. Izbudak
Rambam Health Care Campus, Haifa, Israel
- 12:14-12:23 Normal liver T2* values in the fetus
O. Goitein, **Y. Eshet**, T. Kushnir, C. Hoffmann, L. Raviv-zilka, A. Hamdan, Y. Salem, E. Di Segni, E. Konen
Sheba Medical Center, Tel- Hashomer, Israel
- 12:23-12:32 IVH in term neonates with HIE: A comparison study between neonates treated with and without hypothermia
N. Gorelik, R. Faingold, A. Daneman, M. Epelman
McGill University, Montreal, Canada

- 12:32-12:41 Lymphatic malformations - The experience at Schneider Children's Medical Center
L. Kornreich, D. Giloni, O. Konen, E. Raveh
Schneider Children's Medical Center, Israel
- 12:41-12:50 Can MRI/A in congenital heart disease in neonates and children replace diagnostic catheterization? One year experience
Y. Salem, O. Goitein, J. Jacobson, D. Mishali, J. Danieli, U. Katz, D. Almelech, E. Di Segni, E. Konen
Sheba Medical Center, Tel- Hashomer, Israel
- 12:50-12:59 Who should be reading chest radiographs for the pediatric emergency room?
M. Soudack, L. Raviv-Zilka, A. Ben-Shlush, J. M. Jacobson, M. Benacon, A. Augarten
Sheba Medical Center, Tel- Hashomer, Israel
- 12:59-13:08 Cyanotic spells following esophageal atresia repair
O. Volovelsky, D. Arbell, B. Z. Koplewitz
Hadassah Hebrew University Medical Center, Jerusalem, Israel
- 13:08-13:17 Pediatric bariatric surgery and the role of imaging: Preliminary experience at the Safra Children's Hospital
A. Ben Shlush, D. Yardeni, D. Goitein, A. Feigin, L. Raviv-Zilka, J. Jacobson, R. Bilik, M. Soudack
Sheba Medical Center, Tel- Hashomer, Israel

13:30-14:30 *Lunch Break*

- 14:30-14:45 Professional overview
M. Graif MD, Chairman of the Israel Radiological Association
- 14:45-15:10 Advanced imaging of lung nodules
Guest Lecturer: D. Yankelevitz MD, (USA)

15:10-16:10 **Session 4: Chest Imaging**
Parallel Session

Hall A

- 15:10-15:25 PE imaging in pregnancy
Guest Lecturer: D. Litmanovich MD, (USA)
- 15:25-15:34 Reflux of contrast into the inferior VENA CAVA on computerized tomographic pulmonary angiography: A re-direction to cardiac diseases
G. Aviram, **D. Cohen**, A. Steinvil, H. Shmueli, G. Keren, S. Banaj, S. Berliner, O. Rogowski
Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel
- 15:34-15:43 MRI assessment of tracheal collapsibility in healthy volunteers: A pilot study
D. Litmanovich, K. S. Lee, C. O'Donnell, M. E. Millett, A. A. Bankier, P. M. Boiselle
Boston, MA, USA
- 15:43-15:52 Thoracic Presentation of Gaucher's Disease
G. Sheynkman, I. Hadas-Halpern, D. Elstein, A. Zimran
Shaare Zedek Medical Center, Jerusalem, Israel

15:52-16:01 Late post-laparoscopic gastric banding pulmonary complications
A. Smolikov, **D. Klyuchareva**, A. Avriel, I. Shelef
Soroka University Medical Center, Beer Sheva, Israel

16:01-16:10 Quantitative d-dimer levels and likelihood of computer tomographic angiography detection of pulmonary emboli
E.J. Udoff
Rockdale Medical Center, NE Conyers, GA, USA

15:10-16:10 **Session 5: Musculoskeletal Imaging**
Parallel Session

Hall B

15:10-15:25 Essentials for imaging the degenerative hip
Guest Lecturer: L. Bellaiche MD, (France)

15:25-15:34 Imaging and clinical findings of local recurrences of Giant Cell Tumor (GCT) treated with intravenous bisphosphonates
I. Druckmann, S. Dadia, Y. Gortzak, G. Flusser
Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel

15:34-15:43 MRI of peripartum symphysiolysis
N. Shabshin, R. Thein, I. Gat, M. Dolitzky
Sheba Medical Center, Tel- Hashomer, Israel

15:43-15:52 Diagnosis and follow up of impending bisphosphonate-related femur fractures in the outpatient setting
M. Vasserman, A. Grinberg
Telradiology Center of the Maccabi Health Services, Israel

15:52-16:01 Magnetic Resonance Imaging for the diagnosis of sacroiliitis in Israel: Our experience in the last 5 years
V. Tsehmaister Abitbol, M. Lidar, N. Shabshin, G. Flusser, I. Eshed
Sheba Medical Center, Tel-Hashomer, Israel

16:10-16:30 **Coffee Break**

16:30-17:35 **Session 6: Cardiovascular Imaging**

Hall A

16:30-16:39 Automated computer-assisted diagnosis of obstructive coronary atherosclerosis using 256 slice cardiac computed tomography
N. Blank, **T. Gaspar**, D.A. Halon, N. Peled, B.S. Lewis, R. Rubinshtein
Carmel Medical Center, Haifa, Israel

16:39-16:48 Constrictive pericarditis in the modern cardiology era: MRI assessment of diastolic filling pattern in patients and healthy subjects
A. Hamdan, F. Abu baker, O. Goitein, Y. Eshet, Y. Salem, E. Di Segni, E. Konen
Sheba Medical Center, Tel- Hashomer, Israel

16:48-16:57 Deformation dynamics and mechanical properties of the aortic annulus by four-dimensional computed tomography. Insights into the functional anatomy of the aortic valve complex and implications for transcatheter aortic valve therapy
A. Hamdan, V. Guetta, E. Konen, O. Goitein, A. Segev, E. Raanani, D. Spiegelstein, I. Hay, E. Di Segni, M. Eldar, E. Schwammenthal
Sheba Medical Center, Tel-Hashomer, Israel

- 16:57-17:06 Dobutamine stress MRI for the detection of myocardial ischemia: Initial clinical experience in Israel
A. Hamdan, O. Goitein, S. Matetzky, R. Goldkorn, E. Di Segni, M. Eldar, E. Konen
 Sheba Medical Center, Tel- Hashomer, Israel
- 17:06-17:15 High diagnostic Accuracy of 256-row CT Angiography for detection of obstructive coronary artery disease
 O. Pechersky, **T. Gaspar**, D. A. Halon, N. Peled, B. S. Lewis, R. Rubinshtein
 Carmel Medical Center, Haifa, Israel
- 17:15-17:24 LVOT area is smaller in women and correlates better with height than with body surface area
R. Sachner, A. Shiran, S. Adawi, R. Rubinstein, N. Peled, T. Gaspar
 Carmel Medical Center, Haifa, Israel
- 17:24-17:33 The LVOT is oval, leading to underestimation of LVOT and aortic valve area by echocardiography
R. Sachner, A. Shiran, S. Adawi, R. Rubinstein, N. Peled, T. Gaspar
 Carmel Medical Center, Haifa, Israel

20:00

Gala Dinner

Friday, October 28, 2011

- 09:00-09:30 How to manage research in Radiology
Guest Lecturer: G. Krestin MD, (The Netherlands)

Hall A

- 09:30-10:50 **Session 7: Abdominal Imaging - Part 2**
Parallel Session

Hall A

- 09:30-09:39 Percutaneous CT guided core biopsy of renal masses: Comparison of two techniques regarding acute bleeding
N. Berkovitz, O. Lysy, A. Lindner, A. Zisman, D. Leibovici, Y. Siegel, P. Gottlieb, L. Copel
 Assaf Harofeh Medical Center, Zerifin, Israel
- 09:39-09:48 Iliopsoas compartment pathology - A new perspective on a well known entity
I. Eshed, B. Liberman, Y. Inbar, M. M. Amitai, O. Portnoy, M. Hertz, S. Apter
 Sheba Medical Center, Tel- Hashomer, Israel
- 09:48-09:57 T2* MRI- evaluation of iron overload in major organs; First experience in End-Stage Renal Disease (ESRD) patients treated with erythropoietin and intravenous iron
 O. Goitein, **Y. Eshet**, H. Ghoti, L. R. Simone, R. Gaber, E. Rachmilewitz, T. Kushnir, E. Konen
 Sheba Medical Center, Tel- Hashomer, Israel
- 09:57-10:06 A New enhanced system for MRgFUS treatment of uterine fibroids
Y. Inbar, A. Siton, B. Khaitovich, D. Admon, J. Rabinovici
 Sheba Medical Center, Tel-Hashomer, Israel

- 10:06-10:15 Imaging urethral diverticuli in women - Is double balloon urethrography necessary?
O. Portnoy, I. Eshed, M.M. Amitai, J. Golomb
Sheba Medical Center, Tel-Hashomer, Israel
- 10:15-10:24 Endorectal coil MRI in patients with elevated PSA and negative biopsies: How reliable is a normal study?
T. Sella, E. Ben-David, A. Zisman, D. Pode
Hadassah Hebrew University Medical Center, Jerusalem, Israel
- 10:24-10:35 Evaluation of angiomyolipoma: Correlation between doppler ultrasound and angiography
M. D. Stern, Z. Dotan, Y. Kleinbaum, S. Katscherginsky, U. Rimon
Sheba Medical Center, Tel- Hashomer, Israel
- 10:35-10:44 The effect of surgicel on the CT findings after partial nephrectomy
A. Wandel, S. Elias, A. Sidi, A. Tsvian
Wolfson Medical Center, Holon, Israel
- 10:44-10:53 Clinical presentation and CT findings of abscess formation caused by dropped gallstone
A. Osadchy, R. Zissin
Meir Medical Center, Kfar-Saba, Israel

09:30-10:50 **Session 8: Interventional Radiology**
Parallel Session

Hall B

- 09:30-09:39 Irreversible Electroporation (IRE) ablation: Is all the damage non-thermal?
L. Appelbaum, M. Faroja, E. Ben David, J. Sosna, I. Nissenbaum, S.N. Goldberg
Hadassah Hebrew University Medical Center, Jerusalem, Israel
- 09:39-09:48 Irreversible Electroporation (IRE) ablation: Creation of large volume ablation zones in in-vivo porcine liver using electrode arrays
E. Ben David, L. Appelbaum, M. Faroja, J. Sosna, I. Nissenbaum, S.N. Goldberg
Hadassah Hebrew University Medical Center, Jerusalem, Israel
- 09:48-09:57 Colorectal cancer liver metastases: Percutaneous tumor ablation with Computed-Tomography-guided High-Dose-Rate Brachytherapy (CT-HDRBT)
F. Collettini, A. M. Lutter, D. Schnapauff, A. Poellinger, T. Denecke, P. Wust, B. Hamm, B. Gebauer
Charité Medical Center, Campus Virchow Klink, Berlin, Germany
- 09:57-10:06 Extra-abdominal inoperable desmoid tumor treated with percutaneous cryoablation: Early multicentre experience
F. Cornelis, X. Buy, B. Bui, J.E. Kurtz, J. Palussière, A. Gangi
Institut Bergonié, Bordeaux, France
- 10:06-10:15 The limited role of MRI in long-term follow-up of patients with Takayasu's arteritis
Y. Eshed, R. Pazner, O. Goitein, P. Langevitz, C. Hoffmann, I. Eshed, E. Konen
Sheba Medical Center, Tel- Hashomer, Israel
- 10:15-10:24 Body and extremities CT venography: Unusual diagnoses and clinical implications
T. Weinstein, A. Bass, I. Rabin, S. Strauss, E. Heldenberg, P. Gottlieb, L. Copel
Assaf Harofeh Medical Center, Zerifin, Israel

- 10:24-10:33 PTA the other way: Safari technique
R. Rozenberg, I. Kogan, M. Leiderman, A. Engel, A. Hoffman, S. Nitecki,
 T. Karram, A. Ofer
 Rambam Health Care Campus, Haifa, Israel
- 10:33-10:42 Mid term follow-up of inoperable renal tumor treated with cryotherapy
 associated with antiangiogenic therapy: Preliminary results
F. Cornelis, Y. Le Bras, A. Ravaud, N. Grenier
 CHU Bordeaux, Bordeaux, France
- 10:42-10:51 US-guided, video assisted trans-diaphragmatic RFA for primary & secondary
 liver malignancies – Can it be done?
A. Kessler, N. Neshet, Y. Paz, M. Ben Haim
 Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel

10:50-11:15 **Coffee Break**

- 11:15 - 11:35 Acute Stroke Imaging
Guest Lecturer: A. Fox MD, (Canada)
- 11:35 - 11:50 Clinical Applications of SPECT CT
Guest Lecturer: O. Israel MD, (Israel)

11:50 - 13:00 **Session 9: Abdominal Imaging - Part 3 & General Imaging**
Parallel Session

Hall A

- 11:50-11:59 The utility of tablet computer technology for the on-call CT interpretation
M. Abu Gazala, R. Shreter, R. Rozenberg, R. Shreiber, A. Eran, L. Guralnik,
 D. Fischer, A. Engel
 Rambam Healthcare Campus, Haifa, Israel
- 11:59-12:08 Spectral characterization and material separation with dual-energy CT:
 Evaluation of scanning techniques
M. Gabai, I. Leichter, S. Mahgerefteh, J. Sosna
 Hadassah Hebrew University Medical Center, Jerusalem, Israel
- 12:08-12:17 PACS implementation improves patient care perception and communication
 between radiologists and referring physicians
G. Bartal, M. Ayal, Z. Rosenbaum, A. Makori
 Meir Medical Center, Kfar-Saba, Israel
- 12:17-12:26 Iterative Reconstruction (IR): A useful technique for radiation dose reduction
D. Aharoni, S. Raskin, M. Amitai, Y. Eshet, A. Hamdan, E. Konen, O. Goitein
 Sheba Medical Center, Tel-Hashomer, Israel
- 12:26-12:35 Can MRCP data predict spontaneous passage of stones in the bile ducts
O. Karaaslan, J. Sosna, L. Appelbaum, A. Khlayleh, M. Adeeleh, Z. Bahouth, Y. Azraq
 Hadassah Hebrew University Medical Center, Jerusalem, Israel
- 12:35-12:44 Giant colon diverticulum: A rare manifestation of a common disease
A.R. Zeina, M. Amitai, I. Maltar, O. Benjaminov, A. Nachtigal
 Hillel Yaffe Medical Center, Hadera, Israel

11:50 -13:00 **Session 10: Neuroradiology**
Parallel Session

Hall B

- 11:50-11:59 The importance of preoperative detection of vertebral anomalies in neck surgery
N. Berkovitz, I. Bekerman, T. Sigal, P. Gottlieb, M. Vaiman
Assaf Harofeh Medical Center, Zerifin, Israel
- 11:59-12:08 Idiopathic intracranial hypertension: Imaging before lumbar puncture
I. Shelef, A. Horev
Soroka University Medical Center, Beer-Sheva, Israel
- 12:08-12:17 Improvement of intracranial hemorrhage imaging with a novel 3D image reconstruction algorithm
R. Shreter, R. Shreiber, A. Eran, M. Zaaroor
Rambam Medical Center, Haifa, Israel
- 12:17-12:26 Progression of multiple sclerosis demonstrated by brain MRI disease burden related curves
S. Tal, S. Miron, Y. Nissan, A. Achiron
Assaf Harofeh Medical Center, Zerifin, Israel
- 12:26-12:35 Common sites and etiology of intern misinterpretation of head CT scans in the emergency department at a Level I trauma center
G. Yaniv, O. Mozes, M. Bakon, G. Grienberg, E. Konen, C. Hoffmann
Sheba Medical Center, Tel- Hashomer, Israel
- 12:35-12:44 Automatic carotid calcium burden estimation as a tool for stroke risk prediction
S. Hashoul, T. Gaspar, N. Peled
Carmel Medical Center, Haifa, Israel
- 12:44-12:53 Difficulties in evaluating tumor burden of plexiform neurofibromas in patients with neurofibromatosis type I using semi-automated method
L. Pratt, D. Helfer, S. Constantini, L. Joskowicz, D. Ben Bashat, M. Artzi, L. Ben-Sira
Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel

13:00-13:15 **Michal Meidan Award Ceremony,
Quiz Solutions and awards,
Closing Remarks**

13:15-13:45 **Light Lunch**

EXHIBITORS:

Bayer Schering Pharma

Dexcel pharma

DMS – Carestream Health

Eldan Electronic instruments

Getter Bio-Med

GE Healthcare

PHILIPS HEALTHCARE

SIEMENS Healthcare



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

Prestige

Looking good & Taking care
of your Health and Safety

Introducing our newest innovation in x-ray protection,
the **PRESTIGE** lead-free apron:

- > The lightest .5mm Pb equivalent apron, guaranteed!
- > No-lead aprons
- > Environmentally-friendly
- > Verified by the The Johns Hopkins University School of Medicine to provide 0.50 mm radiation protection levels.

