

A sponsored activity by The Adams Super Center for Brain Studies Tel Aviv University and the Joseph Sagol Neuroscience Center at the Chaim Sheba Medical Center, Tel Hashomer



11th Annual Update Conference Series on

Clinical Neurology & Neurophysiology

Tel Aviv, Israel
February 17-18, 2015

Second Announcement

www.neurophysiology-conference.com



This meeting has been reviewed and approved for CME by the European Academy of Neurology.



THERAPATH
NEUROPATHOLOGY

Dear Colleague,

The conference will be held this year at the Sheraton Hotel in Tel Aviv on February 17-18, 2015. The conference will feature two parallel streams and a workshop on pain. Participants are invited to send abstracts and poster presentations. The scientific program is diverse and will satisfy all participants interested in clinical neurology and neurophysiology.

We look forward to your attending the 11th Annual Update Conference and we offer an enjoyable scientific program and entertaining social and cultural events.

Sincerely,

Joab Chapman
Michael Rubin

Course Directors

Joab Chapman, MD, PhD (Tel Aviv)

Michael Rubin, MD, F.R.C.P.(C) (New York)

Course Coordinators

Ilan Blatt, MD

Israel Steiner, MD

David Tanne, MD

Simon Vulfsons, MD

Auspices

Israel Neurological Association

Two day course provides an update of selected topics in neurology and clinical neurophysiology. This course is suitable for neurologists, neuroscientists, and general internists, gerontologists, psychiatrists and physiatrists, anesthesiologists and allied health professionals with a particular interest in patients with neurological disorders who wish to update their knowledge of the mechanisms and treatments of these disorders, and to improve their expertise in clinical neurophysiology as practiced in their private offices. A professional exhibition for the industry (pharmaceutical and imaging equipment) will take place adjacent to the conference halls.

Faculty

Nancy Agmon-Levine, Sheba Medical Center, Israel

Maria Arrango, Sheba Medical Center and Bogota University, Israel

Felix Benninger, Rabin Medical Center, Israel

Ilan Blatt, Chaim Sheba Medical Center, Israel

Pablo Blinder, Tel Aviv University, Israel

Hal Blumenfeld, Yale-New Haven Medical Center, USA

Natan M. Bornstein, Tel Aviv Sourasky Medical Center, Israel

Joab Chapman, Chaim Sheba Medical Center, Israel

Ruth Djaldetti, Rabin Medical Center, Israel

Dana Ekstein, Hadassah Medical Center, Israel

Aharon Finestone, Assaf HaRofeh Medical Center, Israel

Matthew E. Fink, Weill Cornell Medical Center, USA

Revital Gandelman-Marton, Asaf Harofeh Medical Center, Israel

Robert Gerwin, John Hopkins University, USA

Hen Hallevi, Carmel Medical Center, Israel

Salo Haratz, Chaim Sheba Medical Center, Israel

Anat Horev, Soroka Medical Center, Israel

Dimitrios Karussis, Hadassah Medical Center, Israel

John Kent, Rambam School of Pain Medicine, iSTOP, Israel

Ronen Leker, Hadassah Medical Center, Israel

Steven R. Levine, State University of New York (SUNY) Health Science Center, USA

Nicola Maggio, Chaim Sheba Medical Center, Israel

Miri Neufeld, Tel-Aviv Sourasky Medical Center, Israel

David Orion, Chaim Sheba Medical Center, Israel

Andrew Pachner, UMDNJ - New Jersey Medical School, USA

Raymond P. Roos, University of Chicago, USA

Jeffrey L. Saver, UCLA Stroke Center, USA

Erich Schmutzhard, Medical University of Innsbruck, Austria

Andreas Schulze-Bonhage, University Clinic Freiburg, Germany

Yehuda Shoefeld, Sheba Medical Center, Israel

Michael Sperling, Thomas Jefferson University Hospital, USA

Israel Steiner, Rabin Medical Center, Israel

David Tanne, Chaim Sheba Medical Center, Israel

Simon Vulfsons, Rambam Medical Center, Israel

Scientific Program*

Tuesday, February 17, 2015

Infectious Diseases

HALL A

Coordinator: *Israel Steiner*

Neuroinfections

09:00 Diagnosis and diagnostics
Israel Steiner, Israel

09:45 Malaria
Erich Schmutzhard, Austria

10:30 Coffee break

11:00 Prions
Raymond Roos, USA

11:45 Bacterial meningitis
Andrew Pachner, USA

12:30 HSE
Israel Steiner, Israel

13:15 Lunch

Issues of neurological infections

14:15 Drug induced opportunistic infections
Andrew Pachner, USA

15:00 Para ("post") infections
Israel Steiner, Israel

15:45 Coffee break

16:15 Intensive care for the treatment of NI
Erich Schmutzhard, Austria

17:00 Vaccinations in the modern era: Necessity, risks, prospects
Raymond Roos, USA

*Subject to change

Tuesday, February 17, 2015

**Cerebrovascular
Disease & Stroke**

HALL B

Coordinator: *David Tanne*

- 09:00** Greetings and introduction
David Tanne, Israel
- 09:10** Pathologies of the cerebral venous system – characteristics and treatment modalities
Anat Horev, Israel
- 09:35** DWI MRI as the test modality of choice for suspected stroke
Ronen Leker, Israel
- 10:00** Pre-hospital stroke care, including neuroprotection and thrombolysis
Jeffrey L. Saver, USA
- 10:30** Coffee break
- 11:00** Rapidly improving stroke symptoms: A controversial exclusion criteria for t-PA
Steven R. Levine, USA
- 11:30** Aneurysmal subarachnoid hemorrhage – 30 years of advances
Matthew E. Fink, USA
- 11:55** Carotid artery stenosis – to stent or not to stent?
David Orion, Israel
- 12:20** Neurovascular ultrasound advanced assessment
Salo Haratz, Israel
- 12:45** Synaptic plasticity in the ischemic brain: Neurocoagulation and beyond
Nicola Maggio, Israel
- 13:15** Lunch
- 14:15** Endovascular recanalization therapy for acute ischemic stroke (including current stent retriever trials)
Jeffrey L. Saver, USA

Tuesday, February 17, 2015

14:45 Pregnancy-associated stroke – An emerging public health crisis

Matthew E. Fink, USA

15:15 Understanding the role of microinfarcts and vascular structure in dementia

Pablo Blinder, Israel

15:45 Coffee break

16:15 Post-stroke cognitive impairment

Natan M. Bornstein, Israel

16:45 Case presentations and discussion by faculty members

Moderators: Hen Hallevi, David Tanne, Steven R. Levine

Workshop

HALL C

Radicular pain, somatic referred pain – similarities and differences

Coordinators: Robert Gerwin, Simon Vulfsons

Patients with pain radiating from the neck to the shoulder and down the arm, and patients with thoracic or lumbar pain radiating into the trunk or into the hip and down the leg, present diagnostic challenges, for the causes of these pain syndromes is more complex than one might think.

The differential diagnosis of these pain syndromes is complex and necessitates advanced clinical skills both in history taking and performing a detailed physical examination. Of primary concern is the issue of differentiating somatic referred pain from radicular or neurogenic pain. Somatic referred pain is mediated through the spinal cord, and the segments follow the innervation patterns of the muscles (myotomes) and dermatomes. Thus radiating pain can derive from somatic trigger points and/or nerve root compression and these conditions may coexist. Imaging and auxiliary tests can assist in the diagnosis but can in no way substitute for good clinical practice.

Tuesday, February 17, 2015

As an example, if we approach the problems of cervicalgia and referred pain into the arm, we can look at the scalene and levator scapulae muscles. We need to be able to include the C5-6 innervated muscles that refer into the arm, as well as the C 7-8 muscles, and we make the point that one of the first signs of radiculopathy can be myofascial trigger points in the muscle distribution of the compressed nerve.

In this one day workshop we will learn to differentiate between radicular pain and somatic referred pain. Specifically we will discuss the classification of radiating pain, history taking for radiating pain and the physical examination skills necessary to differentiate between the various radiating pain states. We will discuss and practice treatment options for these syndromes.

09:00 Case study: Cervicalgia with radiating pain - emphasis on history taking
Robert Gerwin, USA

09:45 Case study: Low back radiating pain - emphasis on physical examination
Simon Vulfsons, Israel

10:30 Coffee break

11:00 The T4 syndrome
John Kent, Israel

11:45 Treating the neck is treating the arm
Robert Gerwin, USA

12:30 Lower back radiating syndromes
Aharon Finestone, Israel

13:15 Wrap up and summary

13:30 Lunch

Wednesday, February 18, 2015

Infectious Diseases

HALL A

Coordinator: *Israel Steiner*

Possible infectious etiology in neurological conditions of unknown etio-pathogenesis

09:00 MS

Joab Chapman, Israel

09:45 ALS

Raymond Roos, USA

10:30 Coffee break

11:00 Movement disorders

Ruth Djaldetti, Israel

11:45 GBS

Israel Steiner, Israel

12:30 Inflammatory epilepsies

Felix Benninger, Israel

13:15 Lunch

The neurology of ASIA

14:15 The neurology of vaccinations

Dimitrios Karussis, Israel

15:00 Vaccinations and narcolepsy

Maria Arrango, Israel

15:45 Coffee break

16:15 The ASIA syndrome

Yehuda Shoenfeld, Israel

17:00 What animal models of vaccination teach us

Nancy Agmon-Levine, Israel

Wednesday, February 18, 2015

Epilepsy

HALL B

Coordinator: *Ilan Blatt*

- 09:00** Impaired consciousness in epilepsy: Mechanisms, networks, functional imaging
Hal Blumenfeld, USA
- 09:45** Aggression in epilepsy: Ictal, post-ictal and interictal
Miri Neufeld, Israel
- 10:30** **Coffee break**
- 11:00** Novel treatments of epilepsy: Thermal ablation, responsive neurostimulation (RNS)
Michael Sperling, USA
- 11:45** Newer-generation pharmacologic treatments of epilepsy
Ilan Blatt, Israel
- 12:30** Transcutaneous vagus nerve stimulation - principles and preliminary evidence for efficacy and tolerability
Andreas Schulze-Bonhage, Germany
- 13:15** **Lunch**
- 14:15** Investigational therapies for epilepsy: From TMS and TDCS to CBD
Dana Ekstein, Israel
- 15:00** Seizure-related impaired consciousness: Clinical implications and driving
Hal Blumenfeld, USA
- 15:45** **Coffee break**
- 16:15** Epilepsy and suicidality
Revital Gandelman-Marton, Israel
- 17:00** Refractory epilepsy case presentations and discussion
Michael Sperling, USA

General Information

Venue: Sheraton Hotel, Tel Aviv, Israel

Date: February 17-18, 2015

Language: The conference will be conducted in English.

Registration Fee of \$550 includes participation in all scientific sessions and full day workshop, syllabus, night tour and dinner (February 17), 2 lunches and coffee breaks. The fee is valid until December 25, 2014. After that the fee is \$645.

Night Tour and Dinner: Tuesday, February 17
Depart Sheraton Hotel at 18:00
Additional Tickets: \$95

Payment: Payment should be made by one of the following methods:

- Check made payable to "ISAS International Seminars"
- Credit card via the conference website.
- Bank transfer to: ISAS International Seminars Ltd.
Bank Leumi Branch #780
19 King David St., Jerusalem, Israel
Account Number 9400/87
SWIFT Account: LUMIILIT
IBAN Code: IL 690107800000000940087

Local and Israeli bank charges and commissions are the responsibility of the participant and must be paid at source in addition to the registration and accommodation fees.

Please make sure the name of the conference and of each participant are indicated on the bank transfer and that fully completed registration forms are submitted together with a copy of the bank transfer.

Cancellation Policy: All cancellations must be received via fax, email or post.

Registration cancellations received before January 15, 2015 are subject to a service charge and bank fee of \$60. No refunds will be made on cancellations received after January 15, 2015.

Refunds will be processed within two months after the conference.

Abstracts for poster presentation should be submitted in WORD format (300 words) by email to seminars@isas.co.il and by fax to +972-2-6520558. Presenters will be notified of acceptance by December 30, 2014.

Submission deadline: November 20, 2014

Exhibition: A commercial exhibition will be held within the framework of the conference. Exhibitors will be provided with an unprecedented opportunity to promote innovative products, pharmaceuticals, equipment and technologies to a discerning international professional audience. For further information contact the Secretariat at meetings@isas.co.il

Letters of Invitation: Upon request, the Secretariat will send a personal invitation to participate in the conference. Such an invitation is only meant to help visitors raise travel funds or obtain a visa and is not a commitment to provide financial support.

Climate: The weather in February is cool with possible rain, temperatures ranging from 6-14°C / 45-60°F.

Transportation from Airport: Ben-Gurion International Airport is located 20 minutes from Tel Aviv. Taxi service and a modern airport train provide fast and economic transportation into Tel Aviv.

Important Notes: ISAS International Seminars, and their agents, shall not be responsible for and shall be exempt from all liability in respect of any loss, damage, injury, accident, delay or inconvenience to any person, or his/her luggage or any other property for any reason whatsoever, for any tourist services provided. Personal travel and health insurance is recommended.

Conference Secretariat:

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www.neurophysiology-conference.com

Hotel Accommodations and Tours

For details and registration:
www.neurophysiology-conference.com/hotels-tours

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