

**The Third Annual
Update Symposium Series on**

Clinical Neurology and Neurophysiology

**Metropolitan Hotel
Tel Aviv, Israel
February 19-21, 2007**

Sessions on:

- Day 1 Parkinson's Disease
- Day 2 Chronic Pain and Headache
Neuro-Oncology- Jerome Posner, MD
- Day 3 Sleep Medicine

Workshops on:

- Treatment of Myofascial Pain
- Therapeutic Injections of Botulinum Toxin

**This conference is funded in part by
unrestricted educational grants from:**



THERAPATH
a specialty laboratory company



<http://www.neurophysiology-symposium.com>

CORNELL
UNIVERSITY
Joan and Sanford I. Weill Medical College

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



Course Description

Three day course to provide an update of selected topics in neurology and clinical neurophysiology, including Parkinson's disease, chronic pain and headache, neuro-oncology, CNS neoplasms and sleep disorders.

Course objectives include:

- Pathophysiology of Parkinson's disease
- Genetics and treatment options for Parkinson's disease
- Psychiatric and sleep disturbances in Parkinson's disease
- Deep brain stimulation
- Clinical approach to head pain
- Trigeminal neuralgia
- Facial pain and unusual headache disorders
- General pain syndromes
- Neuro-oncology
- Sleep related breathing disorders
- Neurology and sleep medicine
- Hands-on workshop for pain and movement disorders including treatment with botulinum toxin
- Pathophysiology and treatment of selected sleep disorders

This course is suitable for neurologists, neuroscientists, and general internists, gerontologists, psychiatrists and physiatrists, anesthesiologists, oncologists, pain and sleep medicine specialists 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.

Day 1 Monday, February 19, 2007



- Parkinson's Disease**
Session 1
C. Comella
M. Rabey
- 8:30-9:00** *E. Melamed*
New directions in treatment
of Parkinson's Disease
- 9:00-9:30** *H. Bergman*
The role of the basal ganglia
in Parkinson's Disease
- 9:30-10:00** *R. Inzelberg*
Genetics of
Parkinson's Disease
- 10:00-10:30** *O. Cohen*
Medical treatment for early
Parkinson's Disease
- 10:30-11:00** *I. Schlesinger*
Medical treatment for late PD
- 11:00-11:15** Coffee break
- Parkinson's Disease**
Session 2
E. Melamed
D. Paleacu
- 11:15-11:45** *N. Giladi*
Psychiatric manifestations
- 11:45-12:15** *Y. Aharon-Peretz*
Cognitive impairment
- 12:15-12:45** *C. Comella*
Sleep disturbances
- 12:45-13:15** *R. Djaldetti*
Sensory and autonomic
dysfunction
- 13:15-13:45** *M. Rabey*
Non-motor symptoms:
Application of a newly
validated international scale
- 13:45-14:45** Lunch
- Parkinson's Disease**
Session 3
M. Kushnir
M. Schwartz
- 14:45-15:30** *B. Bloem*
Gait and postural dysfunction
- 15:30-16:00** *S. Hassin-Baer*
Clinical aspects of deep brain
stimulation
- 16:00-16:30** Coffee break
- 16:30-17:00** *R. Spiegelmann*
Overview of deep brain
stimulation
- 17:00-17:30** *Z. Israel*
Physiological mechanisms of
deep brain stimulation
-
- 18:00-20:00** **Dinner Program**
Unusual movement disorders
in children and adults
N. Giladi, S. Hassin-Baer
-

Day 2 Tuesday, February 20, 2007

4

Chronic Pain and Headache
Session 1
Marina Dano

- 9:00-9:50** *Yaron River*
Pain, human suffering, music and the role of medicine
- 9:50-10:15** *Arieh Kuritzky*
How to prevent the recurrence of migraine
- 10:15-10:40** *Marina Dano*
Genetics of migraine
- 10:40-11:00** Coffee break

Trigeminal neuralgia, facial pain and unusual headache disorders
Session 2
Nevo Margalit

- 11:00-11:25** *Nevo Margalit*
The neurosurgical treatment of trigeminal neuralgia
- 11:25-11:50** *Ephraim Winocur*
Temporo-mandibular joint disorder and odontalgia
- 11:50-12:15** *Amnon Mosek*
The trigeminal autonomic cephalgias
- 12:15-12:40** *Bella Gross*
Basilar, ophthalmic and retinal migraine
- 12:40-13:30** Lunch

General pain syndromes - Diagnosis and Treatment
Session 3
Amnon Mosek

- 13:30-13:55** *Vivian Drory*
Peripheral pain syndromes
- 13:55-14:20** *Elon Eisenberg*
Epidural steroid injection for sciatic pain - pros and cons
- 14:20-14:55** *Itay Goor-Aryeh*
Spinal cord stimulation and radio-frequency for the treatment of pain
- 14:55-15:20** *Maltsman Tseikhin Alexander*
How to deal with postherpetic neuralgia

Neuro-Oncology Update: 2007

Lectures by:
Jerome B. Posner, MD

- 15:45-16:30** Changing paradigms: Update on the treatment of brain tumors
- 16:30-17:15** Cerebral metastases: A therapeutic update
- 17:15-18:30** Neurologic complications of systemic cancers

19:00-21:00 Dinner Program
Neuro-oncology case presentations and management
Jerome B. Posner, MD

Day 3 Wednesday, February 21, 2007



Sleep Medicine
Session 1

9:00-10:00 A. Oksenberg
Sleep Medicine in Review:
Summary of the
developments in sleep
medicine since its inception

10:00-11:00 G. Pillar
Sleep Mechanisms and
Physiology:
Overview of neurophysiology
of normal human sleep

11:00-11:15 Coffee break

Common Sleep Disorders
Session 2

11:15-12:15 R. Peled
Obstructive Sleep Apnea
Syndrome and Stroke:
Clinical manifestations,
pathophysiology, cognitive,
cardiovascular and metabolic
complications, relation to
stroke

12:15-13:15 Y. Dagan
Circadian Rhythm Sleep
Disorders:
Light, hypothalamus,
behavior and sleep –
an overview of circadian
physiology and pathology
with clinical vignettes

13:15-14:15 Lunch

**Neurology and Sleep
Medicine**
Session 3

14:15-15:00 D. Shechter-Amir
Narcolepsy – who is the butler
that did it?
Latest developments in
the research of narcolepsy
and its pathophysiology

15:00-15:45 D. Paleacu
Restless Legs Syndrome – the
rarest most common
movement disorder.
Clinical manifestations,
pathophysiology, diagnosis
and treatment

15:45-16:00 Coffee Break

16:00-17:30 B. El-Ad
Parasomnias
1) REM Sleep Behavior
Disorder – a hallmark of
synucleopathies.
Clinical manifestations and
pathophysiology, relation to
certain dementias and
movement disorders
2) Non-REM parasomnias
Differential diagnosis and
legal aspects

17:30-18:00 Faculty
Questions and answers
Conclusion

Hands-on Workshops

Monday, 19 February, 2007

Treatment of Myofascial Pain

8:30-9:00 Registration and get-together

9:00-11:00 *Prof. Robert Gerwin*
The Myofascial Pain
Syndromes: Hands-on
workshop

11:00-11:30 Coffee break

11:30-13:30 *Prof. Robert Gerwin*
The Myofascial Pain
Syndromes: Hands-on
workshop

13:30-14:30 Lunch

14:30-16:00 Case presentations
Audience and faculty

Tuesday, February 20, 2007

Therapeutic Injections of Botulinum Toxin *C. Comella*

8:30-12:30 Botulinum Toxin Injection
Therapy
*M. Anca, S. Badarny,
T. Gurevich*

13:00-14:00 Lunch

Program is subject to minor changes.

Faculty

Judith Aharon-Peretz, MD

Director of Cognitive Neurology Unit
Rambam Medical Center, Haifa
Rappaport Faculty of Medicine
Technion, Haifa, Israel

Marietta Anca, MD

Department of Neurology
The Edith Wolfson Medical Center
Sackler Faculty of Medicine
Tel Aviv University, Tel Aviv, Israel

Samih Badarny, MD

Movement Disorders Clinic
Neurology Department
Carmel Medical Center
Rappaport Faculty of Medicine
Technion Institute of Technology
Haifa, Israel

Hagai Bergman MD, PhD

Dept. of Physiology
Hadassah Medical School
The Hebrew University
Jerusalem, Israel

Bastiaan Bloem, MD

Parkinson Center, Institute of Neurology
Radboud University
Nijmegen Medical Center, Netherlands

Oren Cohen, MD

Parkinson's Disease and
Movement Disorders Clinic
Sagol Neuroscience Center and
Department of Neurology
Chaim Sheba Medical Center, Tel-Hashomer
Sackler School of Medicine
Tel Aviv University, Tel Aviv, Israel

Cynthia L. Comella, MD

Movement Disorders Center
Department of Neurological Sciences
Rush-Presbyterian-St. Luke's Medical Center
Chicago, Illinois, USA

Yaron Dagan, MD, PhD

Director, Sleep Medicine Center
Assuta Medical Centers
Tel Aviv, Israel

Marina Dano MD

The Headache Clinic
Department of Neurology
Sourasky Medical Center, Tel Aviv, Israel

Ruth Djaldetti, MD

Movement Disorders Unit
Department of Neurology
Rabin Medical Center, Petah Tiqva
Sackler School of Medicine
Tel Aviv University, Tel Aviv, Israel

Vivian Drory, MD

Head of Neuromuscular Service
Department of Neurology
Sourasky Medical Center, Tel Aviv, Israel

Elon Eisenberg, MD

Director of Pain Relief Unit
Rambam Medical Center, Haifa, Israel

Baruch El-Ad, MD

Sleep Medicine Center
Technion – Israel Institute of Technology
Tel Aviv, Israel

Robert D. Gerwin, MD

Department of Neurology
Johns Hopkins University, Baltimore, MD, USA

Nir Giladi, MD

Director of the Movement Disorders Unit
Department of Neurology
Tel Aviv Sourasky Medical Center
Sackler School of Medicine
Tel Aviv University, Tel Aviv, Israel

Itay Goor-Aryeh, MD

Director of Pain Unit
Sheba Medical Center, Tel Hashomer, Israel

Bella Gross, MD

Head, Department of Neurology
North Galilee Medical Center, Naharia, Israel

Tatyana Y. Gurewich, MD

Movement Disorders Unit
Dept. of Neurology
Tel Aviv Sourasky Medical Center
Sackler School of Medicine
Tel Aviv University, Tel Aviv, Israel

Sharon Hassin, MD

Director, Parkinson's Disease and
Movement Disorders Clinic
Sagol Neuroscience Center and
Department of Neurology
Chaim Sheba Medical Center
Tel Hashomer, Sackler School of Medicine
Tel Aviv University, Tel Aviv, Israel

Zvi Israel, MD

Department of Neurosurgery
Hadassah University Hospital
Hebrew University Medical School
Jerusalem, Israel

Arieh Kuritzky, MD

Head, Headache Clinic
Department of Neurology
Rabin Medical Center, Tel Aviv, Israel

Moshe Kushnir, MD

Head, Neurology Unit
Kaplan Medical Center, Rehovot, Israel

Alexander Maltsman Tseikhin, MD

Center for Pain Medicine
Sourasky Medical Center, Tel Aviv, Israel

Nevo Margalit, MD

Department of Neurosurgery
Sourasky Medical Center,
Tel Aviv, Israel

Eldad Melamed, MD

Professor and Chairman
Department of Neurology
Rabin Medical Center-Beilinson Campus
Petah Tikva
Sackler School of Medicine
Tel Aviv University, Tel Aviv, Israel

Amnon Mosek, MD

Head, Headache Clinic
Department of Neurology
Sourasky Medical Center, Tel Aviv, Israel

Arie Oksenberg, PhD

Director, Sleep Disorders Unit
Loewenstein Hospital - Rehabilitation Center
Raana, Israel

Diana Paleacu, MD

Director, Neurology Service and Memory Clinic
Yehuda Abarbanel Mental Health Center
Sackler School of Medicine
Tel Aviv University
Tel Aviv, Israel

Ron Peled, MD

Director, Sleep Medicine Center
Technion – Israel Institute of Technology
Haifa, Israel

Giora Pillar, MD, PhD

Sleep Medicine Center
Technion – Israel Institute of Technology
Haifa, Israel

Jerome B. Posner, MD

George C. Cotzias Chair in Neuro-Oncology
Evelyn Few American Cancer Society Clinical
Research Professor
Weill Cornell Medical College
Department of Neurology
New York City, New York, USA

Jose Martin Rabey, MD

Professor and Chairman
Department of Neurology
Assaf Harofeh Medical Center, Zerifin
Sackler School of Medicine
Tel Aviv University
Tel Aviv, Israel

Yaron River, MD

Department of Neurology
Bnei-Zion Medical Center, Haifa, Israel

Michael Rubin, MD

Professor of Clinical Neurology
Weill Cornell Medical College
New York, New York, USA

Miguel Schwartz, MD

Department of Neurology
Bnei Zion Medical Center
Haifa, Israel

Dalia Shechter-Amir, MD

Director, Sleep and Fatigue Medical Institute
Sheba Medical Center
Ramat Gan, Israel

Ilana Schlesinger, MD

Head of Movement Disorders Center
Rambam Healthcare Campus, Haifa, Israel

Roberto Spiegelmann, MD

Head, Stereotactic Radiosurgery Unit
Department of Neurosurgery
Chaim Sheba Medical Center, Tel Hashomer
Sackler School of Medicine
Tel Aviv University, Tel Aviv, Israel

Ephraim Winocur, DMD

Director of Orofacial Pain and TMD
Goldshleger School of Dental Medicine
Tel Aviv University, Tel Aviv, Israel

General Information

Venue: The conference will take place at the Metropolitan Hotel and Conference Center, 11 Trumpeldor St., Tel Aviv, Israel.

Date: February 19-21, 2007

Language: The conference will be conducted in English.

Registration Fee of \$475 includes participation in all scientific sessions and workshops, syllabus, lunches and coffee breaks, and two dinners. The fee is valid until Dec. 31, 2006. After that the fee is \$550. On-site registration is \$595.

Accommodation: Rooms are available at the conference center for \$85 per night for a single room and \$98 for a double room for 2 people. Prices are for B/B and include 15% service charge. Suites are available upon request at \$140 per night. Reservations must be accompanied by a non-refundable deposit of \$85.

Cancellation Policy: Cancellations received before December 30, 2006 are subject to a service charge of \$40. Cancellations received after December 30, 2006 but before January 31, 2007 are subject to a cancellation fee of \$100. No refunds will be made on cancellations received after January 31, 2007. A one-night hotel cancellation fee may be charged for cancellations after January 31, 2007.

Course Directors

Joab Chapman, M.D., Ph.D. (Tel Aviv)
Michael Rubin, M.D., F.R.C.P.(C) (New York)

Course Secretary

Aron S. Buchman, M.D.

Conference Secretariat:

ISAS International Seminars
POB 574, Jerusalem, Israel 91004
Tel: +972-2-6520574, Fax: +972-2-6520558
e-mail: seminars@isas.co.il

<http://www.neurophysiology-symposium.com>

A B S T R A C T S

**Deadline for 300 word abstracts
January 15, 2007. Send abstracts to
Secretariat by email.**

Tours

TOUR #1 Sunday, February 18

Nazareth, Tiberias, Capernaum

Highlight: Nazareth (Church of the Annunciation and the Church of St. Joseph), the ruins at Capernaum, Tabgha and the Church of the Multiplication of the Loaves and the Fishes, Tiberias and the Baptismal site on the Jordan River (Yardenit). **Price: \$90**

TOUR #2 Monday, February 19

The North Depart Tel Aviv, Israeli's first modern city built of sand dunes. Continue north through the orange groves of Sharon to Netanya. Follow the coastal road through the greenery (previous swamps) of Hadera to King Herod's ancient Roman port city of Caesaria. Tour ancient port, hippodrome, Crusader buildings and experience the museum and film taking you back 2000 years. Pass Zicron Yaakov and hear about the vineyards and city Rothschild built nearly 100 years ago. Tour Haifa, pass Carmel Mountains, Stella Maris, Bahai Gardens and exit Haifa north towards Acco. Break for lunch (not included). Visit Crusader sites. Visit UNESCO Heritage site of the underground city where the Knights of the Round Table may have eaten. Visit ancient port city, the market place and if there is time, visit the citadel prison where the British jailed Israel's Lehi and pre-state fighters. Return to Tel Aviv about 18:00. **Price: \$97**

TOUR #3 Thursday, February 22

Jerusalem and surrounding hills

Depart Tel Aviv via ancient port city of Jaffa (which served Jerusalem 3000 years ago and is named after Noah's son Jaffet). Continue south to Mikve Yisrael, Israel's first agricultural institution established in 1870 by Frenchman Karl Netter, and financed by Adolf Cremieux and the French "Alliance". Pass the city of Ramle, the only city in Israel established by Moslems. Here in a monastery, Napoleon lived for several weeks. Enter the corridor leading to Jerusalem. Pass through biblical Emek Ayalon, the monastery of Latrun and hear the story of "Jesus and the good thief". Continue up through Shaar Ha-Gai, the only approach to Jerusalem which in the 1948 War of Independence was under constant siege. See the burned out military transports enroute, the water aqueducts and pipelines, the Burma road – the alternative road

to Jerusalem. Pass Golan-Globus Cinema City, and the Castel fortress overseeing the entry into Jerusalem. Hear the battles of Abdul Heider Husseini and the Palmach fighters. Pass through the churches of Ein Kerem, pass Yad Va-Shem Memorial to the six million Holocaust victims. Pass Mt. Hertzl, the Knesset and tour Israel's new Supreme Court Bldg. After lunch (not included) visit the Old-City of Jerusalem and tour by foot, Mt. Zion, King David's Tomb, Room of the Last-Supper, Dormision Church, Zion Gate, the three Old City Quarters: Armenian, Jewish and Christian. Visit the Cardo, the Western Wall, Via Dolorosa, Church of the Tomb, and exit the Old City via Jaffa Gate to the bus. Return to Tel Aviv via Jerusalem's northern highway passing the Prophet Samuel's Tomb and other sites.

Price: \$85

Optional overnight in Jerusalem Price: \$90/105

TOUR #4 - Friday, February 23

Massada and Dead Sea

Travel via Jordan Valley. Massada (fortress of King Herod and the last stronghold of the Zealots) with its magnificent views and fascinating excavations, Ein Gedi Spa, a dip in the Dead Sea (weather permitting).

Note: Comfortable shoes and head covering are recommended. Bring a swimsuit and towel.

Ascent/descent to and from Massada by cable car. Return to Jerusalem 16:00. Price: \$95

TOUR #5 Wednesday, February 21

Tel Aviv-Jaffa (half-day)

Jaffa the ancient port city. Tour the port, the shuk, Mosque Hasan Bek, and experience ancient history from biblical Joshua, Romans, Greek, Macabbeans, Napoleon and visit the Jaffa/Tel Aviv's Etzel Museum upto 1948 with the War of Independence. Afterwards tour the first homes of Tel Aviv in the Suzanne Dalal Center. Witness the rejuvenation project of this almost 100 year old section of Tel Aviv. **Price: \$49**

Note: All tours require a minimum of 11 participants, modest attire and walking shoes. Lunches and entrance fees are not included. Tours depart at 07:30 from the Metropolitan Hotel. All tours must be pre-paid.

Registration Form - Neurophysiology 2007

To register from homepage see: <http://www.neurophysiology-symposium.com>

Please type or print in block letters and return to:

ISAS International Seminars, POB 574, Jerusalem 91004, Israel

Tel: 972-2-6520574, Fax: 972-2-6520558, e-mail: register@isas.co.il

Surname:

First Name:

Place of Work:

Mailing Address:

City:

Country:

Postal Code:

Tel:

e-mail:

(IN BLOCK LETTERS)

Please reserve accommodation at the Tel Aviv Metropolitan Hotel:

single room double room* suite

check in date

check out date

of nights

I will share my room with *

*** It is the sole responsibility of the participants to find a roommate. In the absence of a roommate, single occupancy price will be charged.**

Registration - Conference and workshop

\$.....

Hotel Accommodations

\$.....

Tour 1 seat(s)

\$.....

Tour 2 seat(s)

\$.....

Tour 3 seat(s)

\$.....

Tour 4 seat(s)

\$.....

Tour 5 seat(s)

\$.....

Overnight in Jerusalem-Feb. 22 single room double room*

\$.....

TOTAL

\$.....

Enclosed please find my check payable to ISAS Int'l Seminars.

Bank transfer (copy enclosed) to ISAS International Seminars Ltd.: Bank Leumi, 19 King David St., Jerusalem, Israel - Account Nr. 780/812900/40; Swift Account: LUMIILITINT

Charge my credit card: VISA DINERS MC AMEX

Card number:

Expiry Date:

Signature:



PCO and Secretariat

P.O.B. 574, Jerusalem 91004, Israel, Tel: +972-2-6520574, meetings@isas.co.il