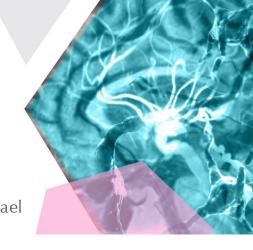




ANNUAL MEETING

May 19-21, 2021 • Galilion Hotel, Israel



Scientific Program (updated 11.5.21)

Wednesday, May 19, 2021

13:00 Registration, Light Lunch and Visit the Exhibition

13:40-13:50 OPENING REMARKS

Mony Benifla, Secretary, Israeli Neurosurgical Society

Yigal Shoshan, President, Israeli Neurosurgical Society

13:50-15:45 **SESSION I: TUMOR**

Chairs: Andrew Kanner Iddo Paldor

FREE PAPERS

13:50 A Plea for Reportable Distinct Interventional Neuroradiology Unit Under the Hospice

of Neurosurgical Division Reports

Leon Levi¹, Eitan Abergel², Eugenia Mahamid³, Diab Tarek³, Eran Meirowicz²,

Iddo Paldor¹, Gill E. Sviri¹

¹Neurosurgery, ²Interventional Neuroradiology, ³Neurointensive Care Unit, Rambam

Health Care Campus, Haifa, Israel

14:00 Intraoperative Neuromonitoring During Resection of Cranial Meningiomas and Its

Effect on the Surgical Workflow – A Single Center Experience

Omer Doron^{1,2}, Gil E. Sviri¹, Dana Peso¹, Muna Jubran³, Iddo Paldor¹

¹Neurosurgery, Rambam Health Care Campus, Haifa, ²Biomedical Engineering, Tel Aviv

University, Tel Aviv, ³Surgical Monitoring Services, Beit Shemesh, Israel

14:10 Retractorless Brain Surgery via Pterional Approach for Midline Anterior Skull Base

Meningiomas

Ariel Lutenberg¹, Rachel Alter², Moshe Attia^{1,2}

¹Neurosurgery, Sheba Medical Center, Ramat Gan, ²Sackler School of Medicine,

Tel Aviv University, Tel Aviv, Israel

14:20 MRI Radiomics Analysis of Histopathological Features in Brain Meningiomas

Shir Filo¹, Saleh Habiballah², Eliel Ben David³, Lior Gonen², Hanan Schoffman²,

Nevo Margalit², Tal Shahar²

¹The Edmond and Lily Safra Center for Brain Science, The Hebrew University of

Jerusalem, ²Neurosurgery, ³Radiology, Shaare Zedek Medical Center, Jerusalem, Israel







ANNUAL MEETING

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Wednesday, May 19, 2021 (cont'd)

FLASH TALKS

14:30 Demographic, Clinical and Radiological Parameters Impact on Lung Cancer Brain **Metastases Patients' Prognosis**

Simona Elgali¹, Judah Freedman¹, Ilan Shelef², Gal Ben-Arie², Israel Shenkman², Michael Friger³, Israel Melamed⁴, Tehila Kaisman-Elbaz^{1,4} ¹Faculty of Health Sciences, Ben-Gurion University of the Negev, ²The Institute of Radiology, Soroka University Medical Center, ³Dept of Public Health, Faculty of Health Sciences, Ben-Gurion University of the Negev, ⁴Dept of Neurosurgery, Soroka University Medical Center, Beer-Sheva, Israel

14:33 Gemistocytes in Newly Diagnosed Glioblastoma Multiforme: Clinical Significance and Practical Implications in the Modern Era

Yosef Laviv¹, Sharon Amramov¹, Andrew Kanner¹, Suzana Fichman², Alexandra Benouaich-Amiel³, Tali Siegal³, Shlomit Yust-Katz³ ¹Neurosurgery Dept, ²Pathology Dept, ³Neuro-Oncology Center, Davidoff Cancer Center, Beilinson Hospital, Rabin Medical Center, Tel Aviv University, Petah Tikva, Israel

Does Resection of Pituitary Adenomas Affect Quality of Life? 14:36

Yuval Grober¹, Marwa Nahas¹

¹Neurosurgery, Galilee Medical Center, Nahariya, Israel

14:39 A Role for a Zinc Receptor, ZnR/GPR39, in Glioblastoma Progression

Moumita Chakraborty¹, Yael Eskira^{1,2}, Israel Melamed², Michal Hershfinkel¹, Tehila Kaisman-Elbaz^{1,2}

¹Dept of Physiology and Cell Biology, Faculty of Health Sciences, Ben-Gurion University of the Negev, ²Dept of Neurosurgery, Soroka University Medical Center, Beer-Sheva, Israel

14:42 **Clival Chordoma Manifesting as Apoplexy**

Rotem Hershkovitch¹, Andrew H. Kaye¹, Yakov Fellig², Samuel Moscovici¹ ¹Neurosurgery, ²Pathology, Hadassah-Hebrew University Medical Center, Jerusalem, Israel

14:45 **Choice of Surgical Approach for Craniopharyngiomal Resection**

Yuval Grober¹, Jean Soustiel¹, Tal Marshak²

¹Neurosurgery, ²E.N.T., Galilee Medical Center, Nahariya, Israel

14:48 **Primary CNS Lymphoma: The Great Masquerader**

Rotem Hershkovitch¹, Revital Saban², Jose Cohen¹, Sergi Spector¹, Andrew H. Kaye¹, Samuel Moscovici1

¹Neurosurgery, ²Hematology, Hadassah-Hebrew University Medical Center, Jerusalem, Israel

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ANNUAL MEETING

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Wednesday, May 19, 2021 (cont'd)

14:51 Primary Spinal Meningeal Melanocytoma in Association with Giant Blue Nevus

Saadit Sarah Houri¹, Wenad Najjar¹, Moatasem Shwekei¹, Yakov Fellig²,

Yigal Shoshan¹, Andres Vargas¹

¹Neurosurgery, ²Pathology, Hadassah Hebrew University Medical Center, Jerusalem, Israel

14:54 Volumetric Assessment of MRI Features and Survival Following Implantation of Gliadel Wafers for Recurrent Glioblastoma

Oz Haim, Ariel Agur, Or-Tal Efrat, Pablo Valdes Berrera, Zvi Ram, Rachel Grossman Neurosurgery, Tel Aviv Medical Center, Tel Aviv, Israel

14:57 Serum Derived Exosomal hTERT mRNA in Glioblastoma (GBM) and Meningiomas: A Potential Circulating Biomarker?

Sapir Lev^{1,2}, Orit Uziel^{3,4,5}, Einat Beery³, Meir Lahav^{3,4,5}, Ramez Abu Shakra⁶, Suzana Fichman^{5,7}, Andrew A. Kanner^{1,5}, Sagi Har Nof^{1,5}, Zvi Cohen^{5,8}, Tali Siegal^{6,9}

¹Department of Neurosurgery, Rabin Medical Center, Beilinson Campus, ²Division of Pediatric Neurosurgery, Schneider Children's Medical Center of Israel, Clalit Health System, ³Felsenstein Medical Research Center, Rabin Medical Center, Beilinson Campus, ⁴Institute of Hematology, Davidoff Cancer Center, Rabin Medical Center, Beilinson Campus, Petah Tikva, ⁵Sackler School of Medicine, Tel-Aviv University, Tel Aviv, ⁶Neuro Oncology Unit, Davidoff Cancer Center, Rabin Medical Center, Campus Beilinson, ⁷Department of Pathology; Rabin Medical Center, Campus Beilinson, Petah Tikva, ⁸Department of Neurosurgery, Sheba Medical Center, Ramat Gan, ⁹The Hebrew University of Jerusalem, Jerusalem, Israel

15:00 Discussion

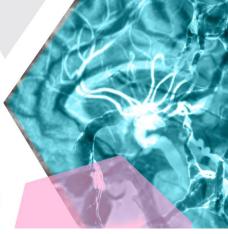






ANNUAL MEETING

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Wednesday, May 19, 2021 (cont'd)

15:05 **Panel Discussion**

Sponsored by Novocure

TTField for Malignant Brain Tumors

Moderator: **Yigal Shoshan**

Panelists: From Basic Research to Clinical Trials

Zvi Ram

Past and On-Going Clinical Trials

Rachel Grossman

Tumor-Treating Fields for the Treatment of Glioblastoma:

A Systematic Review and Meta-Analysis

Ohad Regev

Patient Compliance and Tolerance to Tumor Treating Fields -

The Neurooncologist Viewpoint

Leor Zach

15:45 Coffee Break and Visit the Exhibition

16:15 - 17:25 SESSION II – PEDIATRIC AND HYDROCEPHALUS

Chairs: Amir Kershenovich Jonathan Roth

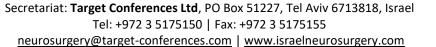
FREE PAPERS

16:15 Pediatric Thalamic Incidentalomas: International Retrospective Multicenter

<u>Danil Kozyrev</u>¹, Jehuda Soleman², Deki Tsering³, Robert Keating³, David Hersh⁴, Frederick Boop⁴, Pietro Spennato⁵, Giuseppe Cinalli⁵, Gianpiero Tamburrini⁶, Ulrich-Wilhelm Thomale⁷, Robert Bollo⁸, Sandip Chatterjee⁹,

Harishchandra Lalgudi Srinivasan¹, Shlomi Constantini¹, Jonathan Roth¹

¹Dept of Pediatric Neurosurgery, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel, ²Dept of Neurosurgery and Pediatric Neurosurgery, University and Children's Hospital of Basel, Basel, Switzerland, ³Division of Neurosurgery, Children's National Medical Center, Washington, D.C., ⁴Dept of Surgery, St. Jude Children's Research Hospital, Memphis, TN, USA, 5Dept of Neurosurgery, Santobono-Pausilipon Children's Hospital, Naples, ⁶Institute of Neurosurgery, Catholic University of the Sacred Heart, Milan, Italy, ⁷Pediatric Neurosurgery, Campus Virchow Klinikum, Charité Universitätsmedizin, Berlin, Germany, ⁸Division of Pediatric Neurosurgery, University of Utah School of Medicine, Salt Lake City, UT, USA, ⁹Dept of Neurosurgery, VIMS and Park Clinic, Kolkata, India









ANNUAL MEETING

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Wednesday, May 19, 2021 (cont'd)

16:25 **Neuropsychological Assessments and Cognitive Profile Mostly Associated**

with Shunt Surgery in Idiopathic Normal Pressure Hydrocephalus Patients:

Diagnostic and Predictive Parameters and Practical Implications

Mor Nimni, Yosef Laviv, Penina Weis, Chen Cohen

Neurosurgery, Rabin Medical Center, Beilinson Campus, Petah Tikva, Israel

FLASH TALKS

16:35 Posterior Fossa Teratoma, Just Another Hairbrained Cyst

Sappir Tzubery¹, Uri P. Hadelsberg², Eliel Ben-David³, John S. Winestone¹,

Jose E. Cohen², Nevo Margalit¹, Gustavo Rajz¹

¹Neurosurgery, Shaare Zedek Medical Center, ²Neurosurgery, Hadassah-Hebrew University Medical Center, ³Neuroradiology, Shaare Zedek Medical

Center, Jerusalem, Israel

16:38 Comparison of EVD-Related Infection Rate Between Bactiseal EVD to

Ventriclear EVD

Amir Khriesh¹, Idan Strul², Gill E. Sviri^{1,2}

¹Dept of Neurosurgery, Rambam Health Care Campus, ²Ruth Rappaport

Faculty of Medicine, Technion – The Israel Institute of Technology, Haifa, Israel

The Value of Long Lumbar Puncture and Transcranial Magnetic Stimulation 16:41

in the Prognosis of NPH Shunted Patients

Shady Hayek

Neurosurgery, Rambam Health Care Campus, Haifa, Israel

16:44 Case Study

Mousa Sabri Khweis

Neurosurgery, Shaare Zedek Medical Center, Jerusalem, Israel

16:47 Discussion

Invited Lecture 16:55

Sponsored by **Surgical Theater**

Augmented Reality in the OR-AR/XR

Robert Louis

Dept of Neurosurgery, Hoag Hospital, CA, USA







ANNUAL MEETING

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Wednesday, May 19, 2021 (cont'd)

47.25 40.20	CECCIONI III TOALINAA	AND BAICCELL ANEOLIC
17:25 - 18:30	SESSION III – TRAUMA	AND MISCELLANEOUS

Chairs: Guy Rosenthal **Uzi Ben David**

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17:25 MRI-Based Radiomics and Deep Learning for Pre-Operative Classification of

Peripheral Nerve Sheath Tumors

Marga Serafimova¹, Yuval Shapira¹, Moran Artzi²

¹Neurosurgery, ²Sagol Brain Institute, Tel Aviv Medical Center, Tel Aviv, Israel

17:35 Acquisition of Basic Micro Neurosurgical Skills Using CUSA in Low Cost

Readily Available Models: The Egg Model

Omer Doron^{1,2}, Iddo Paldor¹

¹Neurosurgery, Rambam Health Care Campus, Haifa, ²Biomedical Engineering,

Tel Aviv University, Tel Aviv, Israel

17:45 Shunt Following Decompressive Craniectomy – The Hadassah Experience

> Lea Kahanov, Waed Masalha, Uri Hadelsberg, Yigal Shoshan, Guy Rosenthal Neurosurgery, Hadassah-Hebrew University Medical Center, Jerusalem, Israel

17:55 Interactions of Brain, Blood, and CSF: A Novel Mathematical Model of

Cerebral Edema

Omer Doron^{1,2}, Ofer Barnea², Yuliya Zadka², Guy Rosenthal³

¹Neurosurgery, Rambam Health Care Campus, Haifa ²Biomedical Engineering, Tel Aviv University, Tel Aviv, ³Neurosurgery, Hadassah University Medical

Center, Jerusalem, Israel

FLASH TALKS

18:05 The Living, Breathing, Human-Bovine-Shark Chimera

Lea Kahanov^{1,2}, Uri Hadelsberg², Samuel Moscovici², Allan Billig³

¹Neurosurgery, Hadassah-Hebrew University Medical Center, ²Neurosurgery, Hadassah Medical Center, ³Plastic and Reconstructive Surgery, Hadassah

Medical Center, Jerusalem, Israel

18:08 The Corkscrew Technique – A Minimally Invasive, Trans-Nasal Anterior Skull

Base Reconstruction Using a Wedge-Shaped Construct for Treatment of

Cerebro-Spinal Fluid Leak

Iddo Paldor¹, Yazid Badarny², Yazid Badarny¹, Samih Badarny³, Ziv Gil⁴,

Gill E. Sviri1

¹Neurosurgery, Rambam, ²Neurosurgery, Rambam Health Care Campus, Haifa, Israel, ³Neurology, Galilee Medical Center, Nahariya, ⁴Otolaryngology-Head and

Neck Surgery, Rambam, Haifa, Israel

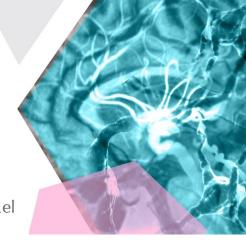






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Wednesday, May 19, 2021 (cont'd)

18:11	PSM and MRV Correlation Mousa Sabri Khweis Neurosurgery, Shaare Zedek Medical Center, Jerusalem, Israel
18:14	Cerebellar Liponeurocytoma with an Unusual Metastatic CSF Spinal Seeding <u>Uri Hadelsberg</u> , Lea Kahanov, Andres Vargas Neurosurgery, Hadassah Medical Center, Jerusalem, Israel
18:17	Spinal Intradural Microsurgical Operations in a New Department Ghassan Mansour Neurosurgery, Shaare Zedek Hospital, Jerusalem, Israel
18:20	Risk Factors for Complications Following Cranial Reconstruction Surgery After Decompressive Craniectomy
18:20	
18:20	After Decompressive Craniectomy Coral Franco ¹ , Amir Khriesh ² , Gill E. Sviri ^{1,2} ¹ Ruth Rappaport Faculty of Medicine, Technion – Israel Institute of
18:20	After Decompressive Craniectomy Coral Franco ¹ , Amir Khriesh ² , Gill E. Sviri ^{1,2}
18:20 18:23	After Decompressive Craniectomy Coral Franco ¹ , <u>Amir Khriesh</u> ² , Gill E. Sviri ^{1,2} ¹ Ruth Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, ² Dept of Neurosurgery, Rambam Health Care Campus, Haifa,
	After Decompressive Craniectomy Coral Franco ¹ , Amir Khriesh ² , Gill E. Sviri ^{1,2} ¹ Ruth Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, ² Dept of Neurosurgery, Rambam Health Care Campus, Haifa, Israel

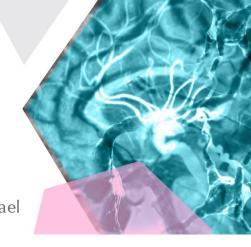






ANNUAL MEETING

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Thursday, May 20, 2021

08:00 Registration, Coffee and Visit the Exhibition

08:30- 10:25 SESSION IV – FUNCTIONAL NEUROSURGERY

Chairs: Zvi Israel

Ido Strauss

08:30 Past, Present and Future of Functional Neurosurgery

Zion Zibly

Dept of Neurosurgery, Sheba Medical Center, Israel

08:50 Posterior Subthalamic Area Deep Brain Stimulation for Essential Tremor – Local

Experience

Idit Tamir¹, Omer Zarchi¹, Jonathan Reiner², Hagai Bergman³

¹Neurosurgery, ²Neurology, Rabin Medical Center, Petah Tikva, ³Medical Neurobiology, The Hebrew University of Jerusalem, Jerusalem, Israel

08:55 Microelectrode Recording Guided Targeting of The Posterior Subthalamic Area

for Essential Tremor

Sami Heymann¹, Halen Baker², Shai Heiman-Gros², Hagai Bergman^{2,3}, Zvi Israel¹

¹Dept of Neurosurgery, Hadassah Hebrew University Medical Center, ²Dept of Medical Neurobiology (Physiology), Institute of Medical Research Israel Canada (IMRIC), The Hebrew University Hadassah Medical School, ³The Edmond and Lily Safra Center for Brain Research (ELSC), The Hebrew University of Jerusalem,

Jerusalem, Israel

09:00 MRI Guided Focused Ultrasound for Movement Disorders - Factors Associated

with Return of Tremor In 111 Consecutive Cases

Alon Sinai¹, Ilana Schlesinger^{2,3}, Maria Nassar², Menashe Zaaroor¹³,

Marius Constantinescu¹

¹Neurosurgery, Rambam Health Care Campus, ²Neurology, Rambam Health Care Campus, ³Faculty of Medicine, Technion – Israel Institute of Technology, Haifa,

Israel

09:10 Endoscopic Assisted Single Level Laminectomy Selective Dorsal Rhizotomy for

the Treatment of Spasticity

Sapir Lev^{1,2}, Omer Zarchi^{1,2}, Ivan Novitski¹, Amir Kershenovich¹

¹Neurosurgery, Schneider Children's Medical Center of Israel, ²Neurosurgery,

Rabin Medical Center, Campus Beilinson, Petah Tikva, Israel







ANNUAL MEETING

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Thursday, May 20, 2021 (cont'd)

FREE PAPERS

09:20 **Ketamine Sedation During Asleep Deep Brain Stimulation Enables**

Microelectrode Recording from the Globus Pallidus Interna in Pediatric Patients

with DYT1 Dystonia

Michael Farberov¹, Shimon Firman², Hagai Bergman^{3,4}, Zvi Israel¹,

Shmuel Heymann¹

¹Dept of Neurosurgery, ²Dept of Anesthesia, Hadassah Hebrew University Medical Center, ³The Edmond and Lily Safra Center for Brain Research (ELSC), The Hebrew University of Jerusalem, ⁴Dept of Medical Neurobiology (Physiology), Institute of Medical Research Israel Canada (IMRIC), The Hebrew University Hadassah

Medical School, Jerusalem, Israel

Tumor Related Epilepsy in the Israeli Population 09:30

Idit Tamir¹, Lena Sulima², Shani Berkovitz¹, Felix Benninger³

¹Neurosurgery, Rabin Medical Center, Petah Tikva, ²Medicine, Tel Aviv University,

Tel Aviv, ³Neurology, Rabin Medical Center, Petah Tikva, Israel

09:40 Epilepsy Surgery in Infants up to Three Months of Age: A Multicenter,

Multinational Study

Jonathan Roth¹, Shlomi Constantini¹, Shimrit Siboni-Uliel²

¹Pediatric Neurosurgery, ²Pediatric Neurology, Tel Aviv Medical Center, Tel Aviv,

Israel

09:50 Use of Directional Stimulation in Parkinson's Disease: Hadassah Experience

Juan Leon, Zvi Israel

Dept of Neurosurgery, Hadassah Hebrew University Medical Center, Jerusalem,

Israel

FLASH TALKS

10:00 Intrathecal Baclofen Therapy for GAD (+) Stiff-Person Syndrome: A Case Series

of 5 Patients

Lior Ungar¹, Ruth Gur¹, Zion Zibly²

¹Dept of Neurosurgery and Pain Unit, ²Dept of Neurosurgery, Sheba Medical

Center, Ramat Gan, Israel

10:03 Pain Networks Connectivity Changes Following the Relief of Prolonged Cancer

Pain

Assaf Berger¹, Itamar Jalon², Tal Gonen², Dafna Ben-Bashat², Rotem Tellem³,

Uri Hochberg⁴, Talma Hendler², Ido Strauss¹

¹Neurosurgery, ²Sagol Brain Institute, ³The Palliative Care Service, ⁴Institute of Pain Medicine, Tel Aviv Medical Center, Sackler School of Medicine, Tel Aviv

University, Tel Aviv, Israel

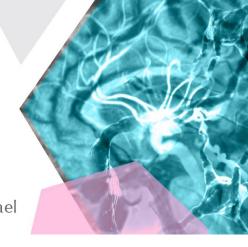






ANNUAL MEETING

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Thursday, May 20, 2021 (cont'd)

10:06 Circumferential Microelectrode Recording from A Single Probe

Waed Masalha¹, Haggai Bergman^{2,3}, Zvi Israel¹, Shmuel Heymann¹

¹Dept of Neurosurgery, Hadassah Hebrew University Medical Center, ²The

Edmond and Lily Safra Center for Brain Research (ELSC), The Hebrew University of Jerusalem, ³Dept of Medical Neurobiology (Physiology), Institute of Medical Research Israel Canada (IMRIC), The Hebrew University Hadassah Medical School,

Jerusalem, Israel

10:09 Post-Cervical Decompression C5 Palsy Syndrome: Suggested Functional

Reconstruction by Nerve Transfer Surgery

Marga Serafimova, Yuval Shapira

Neurosurgery, Tel Aviv Medical Center, Tel Aviv, Israel

10:12 Deep Brain Stimulation for Non-Movement Disorders

Saadit Sarah Houri¹, Sami Heymann¹, David Arkadir², Edi Linetsky², Hagai

Bergman³, Renana Eitan⁴, Zvi Israel¹

¹Neurosurgery, ²Neurology, ³Medical Neurobiology (Physiology), ⁴Psychiatry,

Hadassah Hebrew University Medical Center, Jerusalem, Israel

10:15 Facial Palsy – Is Acupuncture an Option?

Moshe Elron

Neurosurgery, Galilee Medical Center, Nahariya, Israel

10:18 Discussion

10:25 Coffee Break and Visit the Exhibition

11:05 – 12:25 SESSION V – FUNCTIONAL NEUROSURGERY FOR NEUROPSYCHIATRY

Chairs: Renana Eitan

Idit Tamir

11:05 Evolution of Our Understanding of Neural Pathways Underlying

Neuropsychiatric Disease

Hagai Bergman

Edmond & Lily Safra Center for Brain Sciences, The Hebrew University of

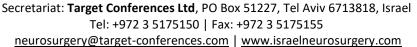
Jerusalem, Israel

11:25 Deep Brain Stimulation for Intractable Depression

Volker A. Coenen

University of Freiburg, Department of Stereotactic and Functional Neurosurgery, Germany

Germany



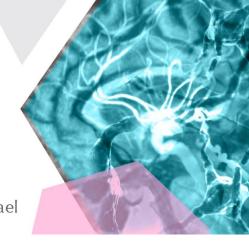






ANNUAL MEETING

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Thursday, May 20, 2021 (cont'd)

11:45 Lesioning the Brain: From Lobotomies to Focused Ultrasound

Garth Rees Cosgrove

Brigham and Women's Hospital, Dept of Neurosurgery, MA, USA

12:05 Deep Brain Stimulation for Intractable Obsessive-Compulsive Disorder

Renana Eitan

The Hebrew University of Jerusalem, Israel

12:25 -13:10 **Guest Lecture**

I Think Therefore I am Wrong

Haim Shapira

13:10-13:30 **SESSION VI - BEST PAPER AWARDS**

> Chairs: **Mony Benifla**

> > **Yigal Shoshan Rachel Grossman**

Best Paper Award Recipients

13:10 Sponsored by AstraZeneca

> Predicting EGFR Mutation Status by Deep Learning Approach in Patients with **Lung Cancer Brain Metastases**

Oz Haim¹, Ben Shofty¹, Shani Abramov¹, Claudia Fanizzi², Francesco Dimeco²,

Netanell Avisdris³, Ram Zvi¹, Moran Artzi³, Rachel Grossman¹

¹Neurosurgery, Tel Aviv Medical Center, Tel Aviv, Israel, ²Neurosurgery, Fondazione IRCCS Istituto Neurologico C. Besta, Milan, Italy, ³Sagol Brain

Institute, Tel Aviv Medical Center, Tel Aviv, Israel

13:20 Sponsored by **Tzamal Medical**

> **Prevalence and Characteristics of Cervical Ossified Posterior Longitudinal** Ligament (OPLL) in the Jewish Population: An Epidemiological Analysis

<u>Gil Kimchi</u>¹, Tomer Maimon¹, Liat Lerner Geva², Nachshon Knoller¹, Anton Peled¹,

Gal Yaniv³, Ran Harel¹

¹Neurosurgery, ²Gertner Institute of Epidemiology, ³Radiology, Sheba, Ramat Gan,

Israel

13:30 **Lunch and Visit the Exhibition**







ANNUAL MEETING

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Thursday, May 20, 2021 (cont'd)

14:30 - 15:45 SESSION VII – VASCULAR I

Chairs: Sagi Harnof

Moshe Attia

14:30 Invited Lecture

Surgery for Middle Cerebral Artery Aneurysms

Aaron Cohen-Gadol

Dept of Neurosurgery, Indiana University School of Medicine, IN, USA

FREE PAPERS

14:45 Flow-Diverter Stents in the Early Management of Acutely Ruptured Brain

Aneurysms: Effective Rebleeding Protection with Low Thromboembolic

Complications

Juan Leon¹, Moshe Gomori², Samuel Moscovici¹, Andrew H Kaye¹,

Yigal Shoshan¹, Sergey Spektor¹, José E. Cohen¹

¹Neurosurgery, ²Radiology, Hadassah Medical Center, Jerusalem, Israel

14:55 Solid vs Cystic Predominance in Posterior Fossa Hemangioblastomas: Implications

for Cerebrovascular Risks and Patient Outcome

Samuel Moscovici, Carlos Candanedo, Sergey Spektor, Jose E Cohen, Andrew Kaye

Neurosurgery, Hadassah Medical Center, Jerusalem, Israel

15:05 Acute Presentation of Normal Pressure Hydrocephalus (NPH) Following

Transcatheter Aortic Valve Implantation (TAVI): A Novel Interaction Between the

First and Third Circulations

Yosef Laviv¹, Mor Nimni¹, Nati Ben Shalom¹, Alon Eisen², Hana Vaknin-Assa²,

Sagi Harnof¹

¹Neurosurgery Dept, ²Cardiology Dept, Beilinson Hospital, Rabin Medical Center,

Tel Aviv University, Petah Tikva, Israel

15:15 Stroke and Endovascular Treatment in COVID 19 Patients: Descriptive Case Series

of 7 Patients

Leah Morejon, Jose E. Cohen, Andrew H. Kaye

Neurosurgery, Hadassah Medical Center, Jerusalem, Israel

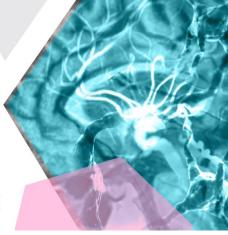






ANNUAL MEETING

May 19-21, 2021 • Galilion Hotel, Israel



Thursday, May 20, 2021 (cont'd)

15:25 Avoiding Injury to the Internal Carotid Artery in the Foramen Lacerum Region in

Endoscopic Endonasal Skull Base Surgery: Morphometric and Anatomical Study

Lior Gonen¹, Srikant Chakravarthi², Melanie Fukui², Nevo Margalit¹,

Alejandro Monroy-Sosa²

¹Neurosurgery, Shaare Zedek Medical Center, Jerusalem, Israel, ²Aurora Neuroscience

Innovation Institute, Aurora St. Luke's Medical Center, Milwaukee, WI, USA

15:35 Silk Vista Flow Diverter 21 mcc for the treatment of intracranial aneurysms:

technical review and report of 10 cases

Leah Morejon, Jose E. Cohen

Neurosurgery, Hadassah Medical Center, Jerusalem, Israel

SESSION VIII - VASCULAR II 15:45-16:45

Chairs: Israel Melamed

Jean F Soustiel

15:45 *Invited Lecture*

Flow Diversion in the Management of Intracranial Aneurysms

Robert Rosenwasser

Thomas Jefferson University, PA, USA

FLASH TALKS

16:00 **Encephaloduroarteriosynangiosis with Dural Inversion for Moyamoya Disease**

> in a Pediatric and Adult Population - A Single Center 20-Year Experience Anton Peled¹, Oded Goren^{1,2}, Kimchi Gil¹, Jacob Zauberman¹, Zeev Feldman¹,

Philipp Hendrix², Christoph Griessenauer²

¹Neurosurgery, Sheba Medical Center, Ramat Gan, Israel, ²Neurosurgery,

Geisinger Health System, Danville, PA, USA

16:03 Deep vs. Superficial Spontaneous Cerebellar Hemorrhages: Separated Vascular

Etiologies with Different Clinical Consequences

Samira Monayer, Noa Schwartz, Saeed Yassin, Yosef Laviv

Neurosurgery, Rabin Medical Center, Beilinson Campus, Petah Tikva, Israel

16:06 **Outcome of Chronic Subdural Hemorrhage Surgery Treated with Statins**

Amir Khriesh¹, Tomer Hasdai², Gill E. Sviri^{1,2}

¹Dept of Neurosurgery, Rambam Health Care Campus, ²Ruth Rappaport Faculty of

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

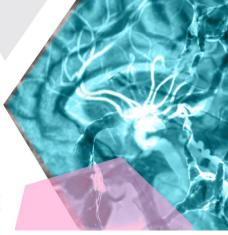






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Thursday, May 20, 2021 (cont'd)

16:09 Middle Meningeal Artery (MMA) Embolization as an Emerging Treatment Modality in Recurrent CSDH: A Case Series Describing Initial Single Institution Experience and a Review of Its Evolving Role

Omer Doron^{1,2}, Gil E. Sviri¹, Iddo Paldor¹, Eitan Abergel³

¹Neurosurgery, Rambam Health Care Campus, Haifa, ²Biomedical Engineering, Tel Aviv University, Tel Aviv, ³Invasive Neuroradiology, Rambam Health Care Campus, Haifa, Israel

16:12 Multidisciplinary Management of Giant Juvenile Nasopharyngeal Angiofibroma: A Technical Note

> Lior Gonen¹, Yaaqov Amsalem¹, Orit Nachtomi¹, Nevo Margalit¹, Uri Peleg² ¹Neurosurgery, ²Dept of Otolaryngology and Head-Neck Surgery, Shaare Zedek Medical Center, Jerusalem, Israel

16:15 **Current Trends in Pediatric Moyamoya: A Survey of International Practitioners** Harishchandra Lalgudi Srinivasan¹, Moran Hausman-Kedem², Edward R Smith³, Shlomi Constantini¹, Jonathan Roth¹

> ¹Pediatric Neurosurgery, ²Pediatric Neurology, Tel Aviv Medical Center, Tel Aviv, Israel, ³Pediatric Neurosurgery, Children's Hospital Boston, Boston, MA, USA

16:18 STA-MCA Microvascular Bypass: When, Why, and How?

> Lea Kahanov, José E. Cohen, Samuel Moscovici, Sergey Spektor Neurosurgery, Hadassah Medical Center, Jerusalem, Israel

16:21 Traumatic Intracranial Aneurysms; The Role and Importance of Early Cerebral

Angiography

Michael Farberov, Saadit Sarah Houri, Lea Morejon, Samuel Moscovici, Guy Rosenthal, Yigal Shoshan, Jose Cohen

Dept of Neurosurgery, Hadassah Hebrew University Medical Center, Jerusalem,

Israel

16:24 Discussion

16:30 **Invited Lecture**

Surgery for Brainstem Cavernous Malformations

Gill E. Sviri

Rambam Health Care Campus, Israel

16:45 Coffee Break and Visit the Exhibition







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Thursday, May 20, 2021 (cont'd)

17:15 - 18:30 SESSION IX - AVM'S

Chairs: Shady Jahshan

Andrew Kaye

17:15 Invited Lecture

Preoperative Embolization of Brain AVMS - A 30-Years Series

Hans Henkes

Katharinenhospital Stuttgart, Germany

17:30 *Invited Lecture*

Surgery for Cerebral AVM'S - Technical Nuances

Aaron Cohen-Gadol

Dept of Neurosurgery, Indiana University School of Medicine, IN, USA

17:45 Panel Discussion

AVM Management

Moderator: Iddo Paldor

Panelists: Aaron Cohen-Gadol, USA

Hans Henkes, Germany Yigal Shoshan, Israel Andrew Kaye, Israel Robert Rosenwasser, USA

Gill E. Sviri, Israel

18:15 *Invited Lecture*

Vascular Complications of Posterior Fossa Surgery

Sagi Harnof

Dept of Neurosurgery, Rabin Medical Center, Beilinson Campus, Israel

18:30 End of Day's Sessions

19:15 *Dinner*

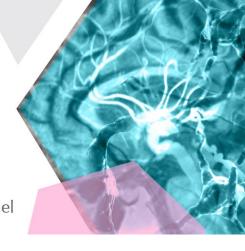






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Friday, May 21, 2021

EDUCATION DAY FOR RESIDENTS

08:00	Registration, Coffee and Visit the Exhibition		
08:30 - 10:30	SESSION X – TRIGEMINAL NEURALGIA I		
	Chairs: Zvi Israel Zion Zibly		
08:30	Trigeminal Neuralgia – The Clinical Syndrome Zvi Israel Dept of Neurosurgery, Hadassah Medical Center, The Hebrew University of Jerusalem		
08:45	Medical Management of Trigeminal Neuralgia Joanna Zakrzewska Royal National ENT & Eastman Dental Hospitals, UK		
09:05	TN: Surgically Relevant Anatomy Roberto Spiegelmann Dept of Neurosurgery, Sheba Medical Center, Tel Hashomer		
09:25	TN: Which Treatment Modality for Which Patient? Zion Zibly Dept of Neurosurgery, Sheba Medical Center, Tel Hashomer		
09:40	Balloon Compression for TN Ruth Gur Institute of Pain Management, Sheba Medical Center, Tel Hashomer		
09:55	Radiofrequency Rhizolysis for TN Zvi Israel Dept of Neurosurgery, Hadassah Medical Center, The Hebrew University of Jerusalem		
10:10	Radiosurgery for TN Trigeminal Tractotomy for TN Ido Strauss Dept of Neurosurgery, Tel Aviv Sourasky Medical Center		
10:30	Coffee Break, Hotel Check-Out and Visit the Exhibition		

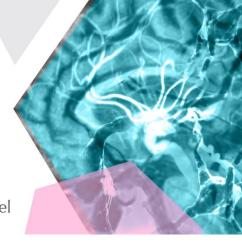






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Friday, May 21, 2021 (cont'd)

11:10 - 12:10	SESSION X -	TRIGEMINAL	NEURALGIA II
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Chairs: Sagi Harnof
Andrew Kaye

11:10 Microvascular Decompression for TN: How I Do It

Sagi Harnof

Dept of Neurosurgery, Rabin Medical Center, Beilinson Campus

11:30 Complications of MVD Surgery

Andrew Kaye

Dept of Neurosurgery, Hadassah University Medical Center, Israel

11:45 How Would You Manage This Case?

Case Presentations

12:10 CLOSING REMARKS & FEEDBACK

Light Lunch







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ACKNOWLEDGEMENTS

The Organizing Committee wishes to acknowledge the following companies whose generous support has made this Meeting possible:

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