



# **The 21<sup>th</sup> Annual Meeting of the Israel Spine Society**

**22-25 April 2020 Wednesday-Saturday  
The Royal Beach Hotel Eilat Israel**

# SCIENTIFIC PROGRAM

## THURSDAY (23<sup>TH</sup> 2020)

08:30 - 08:35  
**WELCOME NOTE**  
G.Velan

**SESSION 1: CERVICAL SPINE**  
**CHAIRMEN: Y. SMORDJIK, M. MILGROM**

08:36 - 08:45  
**(1.1) ADVERSE EVENTS AND RISK ASSESSMENT OF CERVICAL SPINE MANIPULATION.**  
G. Almog

08:46 - 08:55  
**(1.2) A NEW APPROACH: A COMBINED IMAGE GUIDED CERVICAL RETRO-LAMINAR INJECTION FOR ACUTE CERVICAL RADICULAR PAIN.**  
U. Hochberg, S. Brill, M. Khashan, D. Ofir, K. Salame, Z. Lidar, G. Regev.

08:56 - 09:16  
**KEYNOTE LECTURE: HYBRID ANTERIOR CERVICAL FUSIONS VS CORPECTOMIES**  
H. Deutsch

09:17 - 09:26  
**(1.3) MULTI-LEVEL ANTERIOR CERVICAL CORPECTOMY AND FUSION**  
A. Zabatani, E. Sissman, N. Ackshota, A. Friedlander

09:27 - 09:36  
**(1.4) POST-OPERATIVE COMPLICATIONS IN ANTERIOR CERVICAL CORPECTOMY AND FUSION FOR THE TREATMENT OF MYELOPATHY DUE TO OSSIFICATION OF THE POSTERIOR LONGITUDINAL LIGAMENT**  
G. Kimchi, N. Knoller, R. Harel

09:37 - 09:57  
**KEYNOTE LECTURE: POSTERIOR CERVICAL MINIMALLY INVASIVE FUSION**  
H. Deutsch

09:58 - 10:25  
**DEBATE: DENS FRACTURE IN THE ELDERLY: COLLAR OR SURGERY?**  
Pro collar: O. Keynan  
Pro surgery: R. Lotan

10:26 - 10:31  
**DISCUSSION**

10:32 - 11:02  
**COFFEE BREAK**

**SESSION 2: TUMOR**  
**CHAIRMEN: N. RAHAMIMOV, A. KEREN**

11:03 - 11:12  
**(2.1) ADJACENT LEVEL FRACTURE FOLLOWING VERTEBRAL AUGMENTATION PROCEDURES – CAN PRE-OPERATIVE HOUNSFIELD UNIT VALUES PREDICT THE LEVEL?**  
A. Grundshtein, D. Nir, K. Salame, Z. Lidar, D. Ofir, M. Khashan, G. Regev

11:13 - 11:22  
**(2.2) IS ROUTINE BONE BIOPSY DURING OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES AUGMENTATION PROCEDURES IS COST-BENEFIT?**  
O. Hershkovich, O. Rudik, E. Daglen, R. Lotan

11:23 - 11:32  
**(2.3) THE TREATMENT OF PAINFUL VERTEBRAL FRACTURES UNDER LOCAL ANESTHESIA**  
S. Josh, L. Kaplan, S. Sagiv, J. Cohen

11:33 - 11:42  
**(2.4) SURGICAL TREATMENT OF ACUTE CORD COMPRESSION FOLLOWED BY RADIATION THERAPY VS. RADIATION THERAPY ALONE. OUTCOME AND COMPLICATIONS**  
M. Sakhnini, S. Gara, A. Friedlander, I. Caspi

11:43 - 11:52  
**(2.5) SPINAL AVF: SURGICAL CONSIDERATION WHEN ANGIOGRAPHY IS MISLEADING.**  
R. Harel, G. Kimchi, M. Bakon, N. Knoller

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11:53 - 11:58  
DISCUSSION

11:59 - 12:19  
**KEYNOTE LECTURE:** CURING THE AMERICAN  
OPIOID CRISIS  
P.L. Schneider

12:20 - 13:20  
LUNCH BREAK

**SESSION 3: MIS**  
**CHAIRMEN: Y. BRAZILAY, R. DEJBAROV**

13:21 - 13:30  
**(2.6) LONG TERM OUTCOMES OF MINIMALLY  
INVASIVE SPINAL DECOMPRESSION VS.  
LAMINECTOMY AND FUSION. ANALYSIS OF  
BACK AND LEG PAIN, CHRONIC ANALGESIC  
USE AND INTERVENTIONAL PAIN CLINIC  
TREATMENTS.**  
G. Regev, G. Lior, R. Ankori, D. Ofir, K. Salame,  
M. Khashan, , Z. Lidar

13:31 - 13:40  
**(2.7) MINIMALLY INVASIVE SURGERY FOR  
DECOMPRESSION OF CAUDA EQUINA  
SYNDROME**  
A. Grundshtein, B. Kuzmenko, M. Khashan,  
D. Ofir, K. Salame, G. Regev, D. Nir, Z. Lidar

13:41 - 13:50  
**(3.1) DOES TOBACCO SMOKING AFFECT  
THE POST-OPERATIVE OUTCOME OF MIS  
DECOMPRESSION OR DISK HERNIATION  
SURGERY IN THE LUMBAR SPINE?**  
D. Ofir, K. Salame, U. Hochberg, M. Khashan,  
G. Regev, Z. Lidar

13:51 - 14:00  
**(3.2) OUR INITIAL EXPERIENCE WITH XLIF  
CASES – CLINICAL AND RADIOLOGICAL  
OUTCOME**  
R. Masarwa, O. Uri, G. Gutman, L. Haimovich,  
Y. Folman, E. Behrbalk

14:01 - 14:06  
DISCUSSION

14:07 - 14:27  
**KEYNOTE LECTURE:** GETTING 100% FUSION  
RATES IN MINIMALLY INVASIVE POSTERIOR  
LUMBAR INTERBODY FUSION  
H. Deutsch

14:28 - 14:48  
**KEYNOTE LECTURE:** A SCEPTICS VIEW OF  
MIS SURGERY  
D. Orr

14:49 - 15:14  
**PANEL DISCUSSION: MIS VS. OPEN APPROACH  
FOR DEGENERATIVE SPINAL PATHOLOGIES**  
Moderator: A. Hasharoni  
Participants: D. Orr, H. Deutsch, G. Regev, N. Ohana

15:15 - 15:45  
COFFEE BREAK

**SESSION 4: TRAUMA & COMPLICATIONS**  
**CHAIRMEN: A. GEFTLER, N. AKSHOTA**

15:46 - 15:55  
**(3.3) ACUTE STRESS FRACTURES OF LUMBAR  
PEDICLES IN AN ADOLESCENT FEMALE  
ATHLETE: CASE REPORT AND OUR SURGICAL  
VIEW.**  
A. Shpigelman, O. Takxiro , K. Aslan

15:56 - 16:05  
**(3.4) VERTEBRAL OSTEOPOROTIC FRACTURES.  
A TREATMENT-BASED COMPARISON OF  
MORTALITY.**  
A. Zohar, I. Getzler, A. Suliman ,V. Alexandrovsky,  
B. Bernfeld, A. Bruskin

16:06 - 16:15  
**(4.1) PEDIATRIC SPINAL TRAUMA -  
AN 11 YEAR REVIEW IN A SINGLE LEVEL 1  
TRAUMA CENTER**  
S. Alexandra, E. Sharon, L.H. Iryna, K. Leon, S. Josh

# SCIENTIFIC PROGRAM

16:16 - 16:25

**(4.2) MANAGEMENT OF THORACOLUMBAR EXTENSION TYPE FRACTURES IN PATIENTS WITH SPINAL ANKYLOSING DISORDERS. CONCLUSIONS FROM A SERIES OF SIXTY PATIENTS**

G. Barkay, N. Ackshota, A. Shtewee, A. Friedlander

16:26 - 16:35

**(4.3) INTEGRITY OF THE TECTORIAL MEMBRANE IS A FAVORABLE PROGNOSTIC FACTOR IN ATLANTO-OCCIPITAL DISLOCATION**  
G. Kimchi, N. Knoller, R. Harel

16:36 - 16:45

**(4.4) SURGICAL SITE INFECTION RATE IN ROBOTIC ASSISTED SPINE SURGERY: A SINGLE CENTER'S EXPERIENCE AND COMPARISON TO LITERATURE**

A. Katz, Y. Barzilay, A. Hamad, Y. Wiener, H. Arzi

16:46 - 16:55

**(4.5) DISC HERNIATION FOLLOWING POSTERIOR LUMBAR DECOMPRESSION- A LESS FAMILIAR POSTOPERATIVE COMPLICATION**

E.S. Arazi, O. Uri, M. Abo Hosen, O. Besor, Y. Folman, E. Behrbalk

16:56 - 17:05

**(4.6) COMPRESSIVE EPIDURAL HEMATOMAS IN PATIENTS WITH EPIDURAL CATHETERS REQUIRING FULL ANTICOAGULATION**

A. Hamad, M. Jaber, H. Arzi, J. Winston, Y. Hen, Y. Barzilay

17:06 - 17:15

**(4.7) INTRA-DISCAL DRAIN INSERTION FOR CULTURE AND DRAINAGE OF PYOGENIC SPONDYLODISCITIS: A ONE-STEP DIAGNOSTIC AND THERAPEUTIC PROCEDURE**

T. Ackerman, J. Singer-Jordan, A. Shani, N. Rahamimov

17:16 - 17:21

DISCUSSION

## FRIDAY (24<sup>TH</sup>, 2020)

08:30 - 08:50

**KEYNOTE LECTURE: CREATING THE NASS SPINE REGISTRY**

P.L. Schneider

### SESSION 5: SCOLIOSIS

CHAIRMEN: A. AMITAI, Y. ANEKSTEIN

08:51 - 09:11

**KEYNOTE LECTURE: ROLE OF LIMITED SURGERY IN ADULT DEFORMITY**

D. Orr

09:12 - 09:21

**(5.1) "LESS IS MORE" – SIGNIFICANT CORONAL CORRECTION OF AIS DEFORMITY PREDICTS THORACIC HYPOKYPHOSIS**

O. Hershkovich, W.W. Yoon, A. D'Souza, P.R.P. Rushton, I.S. Onosi, E. Bayley, M.P. Grevitt

09:22 - 09:31

**(5.2) GROWING CONSTRUCTS FOR LARGE DEFORMITIES IN YOUNG KIDS, WHERE IS THE MAGEC?**

S. Josh, S. Krishna, S. Sagiv, S. Eiylon, L. Kaplan

09:32 - 09:41

**(5.3) APIFIX MID-C SYSTEM DEVELOPMENTAL HISTORY IN MANAGING MODERATE ADOLESCENT IDIOPATHIC SCOLIOSIS**

M.A. Millgram, U. Arnin, E. Ashkenazi, Y. Floman

09:42 - 09:51

**(5.4) THE ROLE OF TRACTION RADIOGRAPHS IN THE PREOPERATIVE PLANNING OF PAEDIATRIC SCOLIOSIS**

O. Hershkovich, W.W. Yoon, E. Bayley, A.H. Kulkarni, M.P. Grevitt

09:52 - 10:12

**KEYNOTE LECTURE: WHAT SPINAL MEASUREMENTS REALLY MATTER**

D. Orr

# SCIENTIFIC PROGRAM

10:13 - 10:18

DISCUSSION

SESSION 6: MISCELLANEOUS

CHAIRMEN: A. BRUSKIN, G. GUTMAN

12:37 - 13:37

BUSINESS MEETING

13:38 - 14:38

LUNCH BREAK

10:19 - 10:28

(6.1) LUMBOSACRAL TRANSITIONAL  
VERTEBRA ASSOCIATION WITH LUMBAR SPINE  
PATHOLOGY

Y. Smorgick, S. Tal, E. Shalmon, Y. Anekstein,  
Y. Mirovsky

10:29 - 10:38

(6.2) SPORT ACTIVITY AFTER THORACOLUMBAR  
SPINAL OPERATION - SURVEY OF SPINE  
SURGEONS – PRELIMINARY RESULTS

A. Keren, K. Dallasheh, Y. Mohamad, M. Raichel

10:39 - 10:48

(6.3) INTRA-VENOUS STEROIDS FOR  
TREATMENT OF LUMBO-SACRAL  
RADICULOPATHY SECONDARY TO  
INTERVERTEBRAL DISC HERNIATION: A  
RETROSPECTIVE STUDY OF 229 PATIENTS

D. Kovarsky, A. Shani, A. Rod, D. Ciubotaru,  
N. Rahamimov

10:49 - 10:58

(6.4) LYTIC SPONDYLOLISTHESIS OPERATIVE  
TREATMENT, A SINGLE CENTER TWO YEARS  
EXPERIENCE

Y. Chechik, Y. Smorgick, E. Shalmon, Y. Anekstein,  
Y. Mirovsky,

10:59 - 11:04

DISCUSSION

11:05 - 11:35

COFFEE BREAK

11:36 - 12:36

GUEST LECTURE - RAN BAR-ZIK

MEDICAL SECURITY - PHYSICIAN, DEFEND  
THYSELF (lecture will be held in Hebrew)

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[www.spine.org.il](http://www.spine.org.il)