

# The 23<sup>rd</sup> Annual Meeting of the Israel Spine Society



**19-21 April 2023 • Wednesday-Friday**  
**The Royal Beach Hotel Eilat, Israel**





# GENERAL INFORMATION

The 23<sup>rd</sup> annual meeting of the Israel Spine Society  
will be held on Wednesday-Friday,  
19<sup>th</sup> - 21<sup>th</sup> April, 2023  
The Royal Beach Hotel Eilat.

## Acting Committee

Gad J. Velan M.D.  
Chairman

Ran Harel M.D.  
Secretary

Ytzhak Engel M.D.  
Treasurer

Ory Keynan M.D.  
Educational Committee

Eyal Itshayek M.D.  
Committee Member

Nimrod Rahamimov M.D.  
Elected Chairman

## Conference Secretary

Mrs. Shanit Twito

## Official Language

The official language will be English.  
Certificate of attendance will be provided  
upon request. Throughout the duration of  
the meeting, exhibits stands will display  
spine surgery systems, pharmaceutical  
and medical products.

## Dress code

Casual



# תכנית כנס אחיות

## יום המישי, ה- 20 באפריל 2023

WELCOME & INTRODUCTION 09:05 - 09:20

ד"ר גד ולן ואדוארד בקרמן.

09:21 - 09:41

Robotic Assisted Spine Surgery with Mazor

ד"ר הראל ארזי, בי"ח שערי צדק.

09:42 - 10:07

הערך האנלגטי של המפגש הטיפולי

עדי שני RN.MA, אחות מתאמת מחקרים במחלקה האורתופדית ועמוד שדרה

במרכז הרפואי לגליל.

10:08 - 10:23

הצגת מקרה: ניתוח לתיקון עקמת - Case Study: Scoliosis correction surgery

מיי חמדאן RN.MA.ERP, בי"ח איכילוב סוראסקי מדיקל סנטר.

10:24 - 10:39

Spine Tumors and International MDT

שניידר מירב, סגנית אחות אחראית חדר ניתוח מרכז רפואי הלל יפה.

טקצ'מן אלכס, ראש צוות ניתוחי עמוד שדרה, מרכז רפואי הלל יפה.

10:40 - 11:10 הפסקת קפה

11:10 - 11:25

Resection of Extradural Spine Tumors by Minimal Invasive Techniqu

ספייב גבי R.N.B.M סגן אחות אחראית חדר ניתוח.

בי"ח איכילוב סוראסקי מדיקל סנטר.

11:26 - 11:41

Extreme lateral interbody fusion (XLIF)

מיכאל שטיין, ראש צוות אורתופדיה, בי"ח רפאל.

11:42 - 12:02

היסטוריה של סיעוד סב ניתוחי - History of Perioperative Nursing

קוסטה שטכמן פולישוק, אח אחראי חדר ניתוח כללי בית חולים איכילוב סוראסקי מדיקל סנטר.

12:03 - 12:18

Spine Intradural Tumors - גידולים אינטרהדורלים של עמוד שידרה -

ארתור אברהמוב RN.BM.ERP, ראש צוות ניתוחי עמוד שדרה, בי"ח שיבא תל השומר.

12:19 - 12:34

הצגת מקרה: ניתוח לתיקון עקמת - Case Study: Scoliosis correction surgery

אחמד קראקרה RN.BM.ERP, ראש צוות אורתופדיה ילדים

בי"ח איכילוב סוראסקי מדיקל סנטר.

12:35 - 12:50

גישה צווארית קידמית - Anterior Cervical Approach

ספיר מלול RN.BM.ERP, אח חדר ניתוח, בי"ח שיבא תל השומר.

12:51 - 13:06

קיבוע שברים בעמוד שדרה בשיטה מילעורית, כולל הזרקת צמנט.

דניס יוסוב O.R.N, B.S.N, M.E.M

אסתר בן זקן O.R.N, B.A

מרכז רפואי גליל.

DISCUSSION 13:07 - 13:12

13:12 - 14:12 הפסקת צהריים

# SCIENTIFIC PROGRAM

## WEDNESDAY - 19<sup>TH</sup> APRIL

19:30 WELCOME COCKTAIL

## THURSDAY - 20<sup>TH</sup> APRIL

08:30 - 08:35 WELCOME NOTE

Velan G.

### SESSION 1: LUMBAR

Moderators: Menachem S, Bassani R.

08:36 - 08:45

(1.1) THE SPINE EXPOSURE INDEX: EVALUATION OF EXTENT OF SOFT TISSUE DISRUPTION IN OPEN TLIF PROCEDURES.

Kimchi G, Shemesh S, Knoller N, Shtewe A, Harel R.

08:46 - 08:55

(1.2) FUSION'S LOCATION AND QUALITY WITHIN THE FIXATED SEGMENT FOLLOWING TRANSFORAMINAL INTER-BODY FUSION (TLIF).

Essa A, Shehade M, Rabau O, Smorgick Y, Mirovsky Y, Anekstein Y.

08:56 - 09:05

(1.3) ANTERIOR TO PSOAS (ATP) FUSION OF THE LUMBAR SPINE: INITIAL LOCAL EXPERIENCE.

Menachem S, Keynan O.

09:06 - 09:15

(1.4) IMPACT OF SARCOPENIA AND MULTIFIDUS ATROPHY ON OUTCOMES FROM MINIMALLY INVASIVE DECOMPRESSION SURGERY FOR LUMBAR SPINAL STENOSIS.

Chua M, Regev G, Ofir D, Salame K, Lidar Z, Khashan M.

09:16 - 09:36

KEYNOTE LECTURE: COMPLICATIONS IN ANTERIOR LUMBAR SURGERY.

Bassani R.

09:36 - 09:46

DISCUSSION

09:47 - 10:40

DEBATE: ONE LEVEL DEGENERATIVE SPONDY L4-5 – HOW I DO IT AND WHY:

1. DECOMPRESSION ALONE

Akshota N.

2. DECOMPRESSION AND POSTERIOR FUSION

Hershkovich O.

3. INDIRECT DECOMPRESSION LATERAL

Menachem S.

4. INDIRECT DECOMPRESSION ANTERIOR

Bassani R.

5. DISCUSSION

10:40 - 11:10 COFFEE BREAK

### SESSION 2: DEFORMITY

Moderators: Baruch Y, Rabau O.

11:10 - 11:30

(2.1) THE ROLE OF TRACTION RADIOGRAPHS IN THE PREOPERATIVE PLANNING OF PAEDIATRIC SCOLIOSIS.

Koch J, Hershkovich O, Estefan M, Gutman N, Gessara A, Patel M.S, Grevitt M.P.

11:31 - 11:40

(2.2) ENHANCED RECOVERY AFTER SURGERY (ERAS) IN ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS): A META-ANALYSIS AND SYSTEMATIC REVIEW.

Koch J, Gadiya A.D, Patel M.S, Shafafy M, Grevitt M.P, Quraishi N.A.

11:41 - 12:14

DEBATE: VERTEBRAL BODY TETHERING VS FUSION FOR IDIOPATHIC SCOLIOSIS.

PRO VBT - Baruch Y.

PRO FUSION - Arzi H.

### SESSION 3: SPINE DIPLOMA

Moderators: Rahamimov N.

# SCIENTIFIC PROGRAM

12:15 - 13:00

SETTING INTERNATIONAL TRAINING STANDARDS IN SPINAL SURGERY: THE GLOBAL SPINE DIPLOMA.

Acaroglu E, Bransford R, Bass J.

13:00 - 14:00 LUNCH BREAK

## SESSION 4: CERVICAL

Moderators: Raz N, Shteivi M.A.

14:05 - 14:14

(4.1) ARTIFICIAL INTELLIGENCE (AI) BASED DIAGNOSTIC TOOL FOR MRI CHARACTERISTICS OF CERVICAL OSSIFIED POSTERIOR LONGITUDINAL LIGAMENT (C-OPLL).

Shemesh S, Kimchi G, Harel R.

14:15 - 14:24

(4.2) EARLY EXPERIENCE OF FULL-ENDOSCOPIC POSTERIOR CERVICAL FORAMINOTOMY FOR THE TREATMENT OF CERVICAL RADICULOPATHY.

Felzensztein D, Kogan D, Hendler E, Jackson S, Hasharoni A, Abushkara R, Melke B, Harnof S, Itshayek E.

14:25 - 14:34

(4.3) CHANGES IN CERVICAL SPINE ALIGNMENT WHILE USING A SMART PHONE.

Trior Y, Haddad E, Vider S, Keynan O.

14:35 - 14:44

(4.4) HALO VEST IN THE TREATMENT OF CERVICAL SPINE FRACTURES - THE LOST ART.

Stavsky M, Hamed A, Arzi H, Kutina B, Mizrahi C, Winestone J.A, Barzilay Y.

14:45 - 14:54

(4.5) TRAUMATIC POSTERIOR ATLANTOAXIAL DISLOCATION WITH AN ASSOCIATED FRACTURE: A SYSTEMATIC REVIEW.

Essa A, Khatib S, Beit Ner E, Smorgick Y, Mirovsky Y, Anekstein Y, Rabau O.

14:55 - 15:05

DISCUSSION

## SESSION 5: TUMORS

Moderators: Reynolds J, Ophir I.

15:06 - 15:26

**KEYNOTE LECTURE:** CURRENT CONCEPTS - PRIMARY EXTRADURAL TUMORS OF THE SPINE.

Reynolds J.

15:27 - 15:36

(5.1) FUNCTIONAL OUTCOMES FOLLOWING THE RESECTION OF INTRADURAL EXTRAMEDULLARY SPINAL TUMORS IN THE ELDERLY.

Kimchi G, Ben-Zaken S, Korn A, Knoller N, Harel R.

15:37 - 15:46

(5.2) DUAL PRIMARY MALIGNANCY IN A SINGLE PATIENT.

Vodovozov D, Saliman A, Alexandrovsky V, Shpigelman A.

15:47 - 15:56

**KEYNOTE LECTURE:** CURRENT CONCEPTS - METASTATIC DISEASE OF THE SPINE.

Reynolds J.

15:57 - 16:30 COFFEE BREAK

## FRIDAY - 21<sup>ST</sup> APRIL

## SESSION 6: LUMBAR II

Moderators: Hershkovich O, Akshota N.

08:30 - 08:39

(6.1) REDUCTION OF SURGICAL SITE INFECTION WITH A TIMED ALCOHOLIC PREPARATION IN SPINE SURGERY.

Schroeder J.E, Einav O, Kaplan L, Gagiv S, Shawan A, Sendman O, Oster Y.

08:40 - 08:49

(6.2) THE USE OF ENDOSCOPIC ASPIRATION IN THE IDENTIFICATION OF BACTERIAL PATHOGENS CAUSING DISCITIS.

Peretz A, Olshatn-Pops K, Cohen J, Einav O, Kaplan L, Schroeder J.

# SCIENTIFIC PROGRAM

08:50 - 08:59

(6.3) DIAGNOSTIC UTILITY OF VERTEBRAL BIOPSIES OBTAINED IN KYPHOPLASTY PROCEDURES.

Kimchi G, Asprilla J, Maimon T, Shemesh S, Knoller N, Harel R.

09:00 - 09:10

(6.4) PREDICTORS OF RECURRENT OSTEOPOROTIC FRACTURES.

Shahwan A, Kaplan L, Sagiv S, Jose Cohen J, Einav O, Schroeder J.

09:11 - 09:20

(6.5) RADIATION EXPOSURE AND PROCEDURE DURATION ANALYSIS OF KYPHOPLASTY USING DUAL FLUOROSCOPIC GUIDANCE.

Romem R, Engel I, Segal D, Behrbalk R, Schleifer D, Koch Y, Ohana N, Baruch Y.

09:21 - 09:30

(6.6) MACHINE LEARNING-GENERATED POSTERIOR VERTEBRAL ELEMENT CLUSTERS DISTINGUISH OCCULT OSTEOPOROTIC FRACTURES FROM NORMAL VERTEBRAE USING CT SCANS ONLY.

Murad H, Abdullah L, Haj S, Arnon-Sheleg E, Rahamimov N.

09:31 - 09:40

(6.7) PERCEIVED AND OBJECTIVE MEASURES OF STRESS AND THEIR ASSOCIATIONS WITH PAIN AND PLACEBO ANALGESIA: PRELIMINARY RESULTS FROM CHRONIC BACK PAIN PATIENTS.

Shani A, Treister R, Granot M, Rahamimov N.

09:41 - 09:50

(6.8) NOL EXAMINATION DURING SPINAL SURGICAL PROCEDURES.

Grach M, Vodovozov D, Saliman A, Alexandrovsky V, Shpigelman A.

09:51 - 10:00

DISCUSSION

10:00 - 10:30 COFFEE BREAK

SESSION 7: LUMABR DEGEN

Moderators: Shpigelman A, Djabarov R,

10:30 - 10:50

(7.1) TIMING OF PREGNANCY AND CHILDBIRTH AFTER LUMBAR DISCECTOMY: A RETROSPECTIVE STUDY.

Felzensztein D, Kogan D, Hendler E, Jackson S, Hasharoni A, Abushkara R, Melke B, Harnof S, Itshayek E.

10:51 - 11:00

(7.2) CHANGES IN NERVE CONDUCTION VELOCITY IN PATIENTS WITH LOW BACK PAIN AND RADICULAR PAIN IN DIFFERENT POSITION – SLR AND SUPINE POSITION.

Vodovozov D, Saliman A, Alexandrovsky V, Shpigelman A.

11:01 - 11:10

(7.3) SCHOBER TEST AND ITS MODIFICATIONS REVISITED - WHAT ARE WE ACTUALLY MEASURING?

Hershkovich O, Grevitt M, Lotan R.

11:11 - 11:20

(7.4) INTRAVENOUS TRANEXAMIC ACID REDUCES BLOOD LOSS IN MULTILEVEL SPINE SURGERIES.

Lotan R, Lengenova S, Rijini N, Hershkovich O.

11:21 - 11:30

(7.5) ENDOSCOPIC LUMBAR SPINAL SURGERY: LEARNING CURVE AND OVERVIEW OF TRANSFORAMINAL DISCECTOMY TECHNIQUE.

Artomonov A, Lee E, Djabarov R.

11:31 - 11:40

DISCUSSION

11:41 - 12:41 GUEST LECTURE

איך להיות אדם בעידן הבינה המלאכותית?  
ד"ר יובל דרור

12:42 - 13:32

BUSINESS MEETING