



SCIENTIFIC PROGRAMME (SPINE)



SCIENTIFIC PROGRAMME - ROOM 1 / SABAH ROOM

DAY 1: 20 JUNE 2025

7.00 AM - 8.00 AM

MEET THE EXPERT - CERVICAL SPINE

Moderators

- Dennis Hey
- Byung-Won Choi

CASE 1 | CASE 2 | CASE 3

Expert Case Presenter

- Dong-Ho Lee (Korea)
- Jae-Jun Yang (Korea)
- Yasutsugu Yukawa (Japan)

Panelists

- Chi-Chien Niu
- Dong-Ho Lee
- Gabriel Liu
- Jae-Jun Yang
- Kyung-Soo Suk
- Sudhir Kumar Srivastava
- Yasutsugu Yukawa
- Yoshiharu Kawaguchi

8.00 AM - 9.00 AM

SYMPOSIUM: TRAUMA 1

Moderators

- Tariq Sohail
- Tsai-Sheng Fu

MANAGEMENT OPTIONS FOR SEVERE L5 BURST FRACTURES

- Sharif Ahmed Jonayed (Bangladesh)

CAN WE GET AWAY WITH SHORT SEGMENT FIXATION FOR LUMBOSACRAL FRACTURE FIXATION?

- Gusti Lanang N. A. Artha Wiguna (Indonesia)

WHEN SHOULD WE EXTEND OUR FUSION PAST L5/S1 IN LUMBAR FRACTURES

- Mohd Imran Yusof (Malaysia)

LONG-TERM RESULTS OF ANTERIOR VERTEBRECTOMY AND POSTERIOR INSTRUMENTATION VS POSTERIOR INSTRUMENTATION ALONE FOR LOWER LUMBAR FRACTURES

- Parthasarathy Srinivasan (India)

TRAUMATIC AND DEGENERATIVE DISC PROLAPSE: ARE THERE ANY DIFFERENCES IN SYMPTOMS AND CLINICAL MANAGEMENT?

- Asrafi Rizki Gatam (Indonesia)

9.00 AM - 9.30 AM

OPENING CEREMONY

9.30 AM - 10.00 AM

BREAK

10.00 AM - 10.30 AM

PLENARY (SPINE / PAED ORTHO)

Moderator

- K S Sivananthan

MENTORSHIP AND TRAINING IN THE TIMES OF GOOGLE, CHATGPT, AI AND VIRTUAL REALITY

- S Rajasekaran (India)

SCIENTIFIC PROGRAMME - ROOM 1 / SABAH ROOM

DAY 1: 20 JUNE 2025

10.30 AM - 11.30 AM

SYMPOSIUM: INFECTION 1 (APSS-ASSI)

Moderators

- RS Chahal
- Appaji Krishnan

INNOVATIONS IN EARLY DETECTION: IMAGING AND BIOMARKERS FOR SPINE INFECTIONS.

- Ajoy Prasad Shetty (India)

BIOLOGICS AND ANTIBIOTIC-COATED IMPLANTS: NEW FRONTIERS IN INFECTION CONTROL

- Priyank Patel (India)

CULTURE NEGATIVE SPONDYLODISCITIS - DOES IT AFFECT OUTCOME?

- Shah Alam (Bangladesh)

SURGICAL STRATEGY FOR SPINAL TUBERCULOSIS

- Kai Cao (China)

VACUUM-ASSISTED CLOSURE (VAC) IN MANAGING POSTOPERATIVE INFECTIONS

- Saumyajit Basu (India)

11.30 AM - 12.30 PM

SYMPOSIUM: INFECTION 2

Moderators

- Choon Ping Lau
- Md Anwarul Islam

ARTIFICIAL INTELLIGENCE IN SPINE INFECTIONS

- Appaji Krishnan (India)

MINIMALLY INVASIVE TECHNIQUES FOR INFECTION DEBRIDEMENT AND DRAINAGE

- RS Chahal (India)

ANTIBIOTIC THERAPY IN PYOGENIC SPONDYLODISCITIS - CURRENT GUIDELINES

- Arif Khan (Pakistan)

ENDOSCOPIC PROCEDURES IN PYOGENIC SPONDYLODISCITIS

- Choong Sing Loh (Malaysia)

POSTERIOR VERTEBRAL OSTEOTOMIES SPINE FOR TUBERCULOSIS

- Tariq Sohail (Pakistan)

12.30 PM - 1.00 PM

LUNCH SYMPOSIUM BY GLOBUS MEDICAL INC

1.00 PM - 2.30 PM

PRAYER

2.30 PM - 3.30 PM

SYMPOSIUM: CERVICAL SPINE 1 (APSS-KSSS)

Moderators

- Gururaj Sangondimath
- Jiwon Park

WHAT'S NEW IN CERVICAL DISC ARTHROPLASTY?

- Dennis Hey (Singapore)

SCIENTIFIC PROGRAMME - ROOM 1 / SABAH ROOM

DAY 1: 20 JUNE 2025

TECHNICAL TIPS AND PITFALLS OF ANTERIOR CERVICAL DECOMPRESSION SURGERY

- Jae-Jun Yang (Korea)

UPDATES ON TECHNICAL TIPS AND PITFALLS OF LAMINOPLASTY SURGERY

- Kyung-Chung Kang (Korea)

VARIOUS CONSIDERING SITUATIONS FOR IMPROVING SURGICAL OUTCOMES IN OPLL SURGERY

- Byung-Wan Choi (Korea)

FACTS AND PITFALLS IN THE MANAGEMENT OF IRREDUCIBLE ATLANTOAXIAL DISLOCATION

- Sudhir Kumar Srivastava (India)

3.30 PM - 4.10 PM

KEYNOTE

Moderators

- Dong-Ho Lee
- Abdul Halim Yusof

DECOMPRESSION TECHNIQUES FOR THE MANAGEMENT OF C1-C2 CORD COMPRESSION

- Jin-Sup Yeom (Korea)

CERVICAL KYPHOSIS: TREATMENT CONSIDERATION

- Wen-Tien Wu (Taiwan)

4.10 PM - 4.30 PM

BREAK

4.30 PM - 5.30 PM

SYMPOSIUM: CERVICAL SPINE 2

Moderators

- Jin-Sup Yeom
- Wen-Tien Wu

ARE ADJACENT SEGMENT PATHOLOGY AND PSEUDARTHROSIS FOLLOWING ACDF THE RESULTS OF KARMAIC FACTORS OR IATROGENIC CAUSES?

- Chi-Chien Niu (Taiwan)

POSTERIOR CERVICAL FORAMINOTOMY: BEYOND THE BASICS

- Dong-Ho Lee (Korea)

MANAGEMENT STRATEGIES FOR CERVICO-THORACIC TUBERCULOSIS: A SPINE EXPERT'S PERSPECTIVE

- Gururaj Sangondimath (India)

PERI-OPERATIVE AIRWAY COMPLICATIONS IN CERVICAL SPINE SURGERY

- Dipak Shrestha (Nepal)

RESPIRATORY COMPLICATION AFTER OCCIPITAL - CERVICAL FUSION - CAUSE AND ITS COPING PROCESS

- Yasutsugu Yukawa (Japan)

5.30 PM - 6.30 PM

MSS 17TH ANNUAL GENERAL MEETING (MSS MEMBERS ONLY)

7.00 PM - 9.30 PM

FACULTY DINNER (BY INVITATION ONLY)

SCIENTIFIC PROGRAMME - ROOM 2 / SARAWAK ROOM

DAY 1: 20 JUNE 2025

7.00 AM - 8.00 AM

MEET THE EXPERT - TRAUMA / INFECTION

Moderators

- Gaurav Dhakal
- Sharif Ahmed Jonayed

CASE 1 | CASE 2 | CASE 3

Expert Case Presenters

- Bhavuk Garg (India)
- Choong Hoon Foo (Malaysia)
- Priyank Patel (India)

Panelist

- Arif Khan
- Bhavuk Garg
- Choong Hoon Foo
- Dipak Shrestha
- Gusti Lanang
- Priyank Patel
- RS Chahal
- Shah Alam

8.00 AM - 9.00 AM

SYMPOSIUM: WOMEN IN SPINE

Moderators

- Orso Osti
- Jacob Oh

THE BURNING ISSUE OF PROTECTION FROM RADIATION:

STRATEGIES TO PROTECT YOURSELF, OT PERSONNEL AND THE PATIENT

- Rushama Tandon (India)

IS BEING A WOMAN SPINE SURGEON CHALLENGING? A YOUNG SURGEON'S PERSPECTIVE

- Saori Soeda (Japan)

SHE CUTS DEEP: WHY THE FUTURE OF SPINE NEEDS MORE WOMEN AT THE TABLE (AND IN THE OPERATING ROOM)?

- Anne Kathleen Ganai-Antonio (Philippines)

MIND THE (GENDER) GAP – NAVIGATING LEADERSHIP, BIAS AND BALANCE AS WOMEN IN SPINE SURGERY

- Nur Aida Faruk Senan (Malaysia)

AUTHORSHIP GAP IN SPINE SURGERY: HOW TO IMPROVE FIRST AND CORRESPONDING AUTHORSHIP AMONG WOMEN SURGEONS IN ASIA?

- Jiwon Park (Korea)

9.00 AM - 9.30 AM

OPENING CEREMONY (Proceed to Sabah Room)

9.30 AM - 10.00 AM

BREAK

10.00 AM - 10.30 AM

PLENARY (Proceed to Sabah Room)

10.30 AM - 11.30 AM

SYMPOSIUM: TUMOUR

Moderators

- Kenny Kwan
- John Chen

RECENT UPDATES SPINE METASTASIS MANAGEMENT

- Kin Cheung Mak (Hong Kong)

MANAGEMENT OF BLOOD LOSS IN TUMOUR SURGERY

- Naresh Kumar (Singapore)

MINIMAL INVASIVE SURGERY FOR SPINE METASTASIS

- Ronald Tangente (Philippines)

SCIENTIFIC PROGRAMME - ROOM 2 / SARAWAK ROOM

DAY 1: 20 JUNE 2025

SURGICAL STRATEGIES FOR PRIMARY TUMOUR OF THE SPINE

- Permsak Paholpak (Thailand)

POSTERIOR COLUMN RECONSTRUCTION AFTER EN-BLOC TOTAL SPONDYLECTOMY

- Jae-Yoon Chung (Korea)

11.30 AM - 12.30 PM

SYMPOSIUM: TECHNOLOGY IN SPINE SURGERY 1

Moderators

- Ho-Joong Kim
- Yu Wang

SEEING THE UNSEEN. WHAT ARE THE ADVANTAGES OF AR AND VR OR ARE THEY JUST A GIMMICK?

- Daisuke Sakai (Japan)

INCORPORATING AI ALGORITHMS AND DEVICES INTO OUR DAILY PRACTICE

- Kota Watanabe (Japan)

ARE WE JUST TALKING ABOUT ROBOTS?

THE EXPANDING ROLE OF ARTIFICIAL INTELLIGENCE IN SPINE SURGERY.

- Bhavuk Garg (India)

ENDOSURG TECHNIQUE APPLICATION IN CERVICAL SPINE SURGERY

- Xuexiao Ma (China)

INTRAOPERATIVE NEUROMONITORING IN SPINE SURGERY

- Ka Kin Li (Hong Kong)

12.30 PM - 1.00 PM

LUNCH SYMPOSIUM BY BAXTER HEALTHCARE

1.00 PM - 2.30 PM

PRAYER

2.30 PM - 3.30 PM

SYMPOSIUM: PAEDIATRIC DEFORMITY 1

Moderators

- Leok Lim Lau
- Nan Wu

EARLY ONSET SCOLIOSIS WHERE ARE WE NOW?

- Aju Bosco (India)

INFANTILE SCOLIOSIS - BRACING VERSUS CASTING

- Chang-Ju Hwang (Korea)

THE USEFULNESS AND ISSUES OF THE GROWING ROD METHOD FOR EARLY ONSET SCOLIOSIS

- Morio Matsumoto (Japan)

HIP VERSUS SPINE - WHERE DO WE BEGIN IN NEUROMUSCULAR SCOLIOSIS WITH HIP DISLOCATION

- Michael Johnson (Australia)

MUSCULAR DYSTROPHY - WHAT'S NEW?

- Sun-Kim Hak (Korea)

SCIENTIFIC PROGRAMME - ROOM 2 / SARAWAK ROOM

DAY 1: 20 JUNE 2025

3.30 PM - 4.10 PM

KEYNOTE

Moderators

- Kyung-Chung Kang
- Ki-Tack Kim

ARTIFICIAL INTELLIGENCE FOR SCOLIOSIS SCREENING AND IMAGING

- Jason Cheung (Hong Kong)

ADVANCES IN NEUROREGENERATION FOR SPINAL CORD INJURY: BRIDGING THE GAP BETWEEN SCIENCE AND CLINICAL PRACTICE

- Masaya Nakamura (Japan)

4.10 PM - 4.30 PM

BREAK

4.30 AM - 5.30 PM

SYMPOSIUM: MOST DIFFICULT CASE I EVER SEEN

Moderators

- Meng-Huang Wu
- Mitch Hansen

STERNUM-SPLITTING ANTERIOR APPROACH FOLLOWING POSTERIOR DECOMPRESSION AND FUSION IN PATIENTS WITH MASSIVE OSSIFICATION OF THE POSTERIOR LONGITUDINAL LIGAMENT IN THE UPPER THORACIC SPINE: REPORT OF 2 CASES

- Yoshiharu Kawaguchi (Japan)

OVER 100 DEGREE KYPHOSCOLIOSIS - HOW TO MANAGE AND PLAN THE SURGICAL RECONSTRUCTION?

- Yukihiro Matsuyama (Japan)

MY MOST DIFFICULT CASE OF SPINAL DEFORMITY

- Saumyajit Basu (India)

ANTERIOR-POSTERIOR COMBINED SURGERY IN THE CERVICAL OSSIFICATION OF POSTERIOR LONGITUDINAL LIGAMENT

- Kyung-Soo Suk (Korea)

REVISION OF SEVERE KYPHOSIS AT CERVICOTHORACIC JUNCTION SECONDARY TO NF-1: ONE OF THE MOST CHALLENGING CASES I HAD

- Hai Yong (China)



SCIENTIFIC PROGRAMME -ROOM 3 / KEDAH ROOM

DAY 1: 20 JUNE 2025

8.00 AM - 9.00 AM

FP 1: SPINE DEFORMITY

Moderators

- Nugroho Setyowardoyo
- Abdul Hadi Husin

(496) RISK FACTORS FOR PROXIMAL JUNCTIONAL KYPHOSIS IN ADULT SPINAL DEFORMITY PATIENTS WITH CONCURRENT OSTEOPOROSIS UNDERGOING LONG SEGMENT SPINAL FUSION SURGERY

- Honghao Yang

(595) IMPACT OF LATERAL INTERBODY RELEASE AND RIM CAGE PLACEMENT IN L5/S1 FOR ACHIEVING OPTIMAL LUMBAR LORDOSIS IN ADULT SPINAL DEFORMITY SURGERY

- Keiji Nagata

(751) THE ROLE OF EOS IMAGING SYSTEM TO EVALUATE AXIAL VERTEBRA ROTATION IN ADOLESCENT IDIOPATHIC SCOLIOSIS

- Vo Quang Dinh Nam

(988) OUTCOMES OF VCR IN PATIENTS WITH RIGID, HEALED POST TUBERCULAR DORSAL KYPHOSIS WITH MYELOPATHY DO THE BENEFITS MATCH THE RISKS AND COMPLICATIONS?

- Vikas Hanasoge

(1029) SURGICAL CORRECTION OF THORACIC AND THORACOLUMBAR TB KYPHOSIS BY POSTERIOR ONLY APPROACH USING RAJASEKARAN'S KYPHOSIS CLASSIFICATION

- Guna Pratheep Kalanchiam

(1132) SELECTION OF LOWEST INSTRUMENTED VERTEBRA USING STABLE VERTEBRA ON PUSH PRONE TRACTION RADIOGRAPHS AS A NEW METHOD IN PATIENTS WITH LENKE TYPE 3 C AND 6 C

- Tinnakorn Pluemvitayaporn

(1304) SELECTING THE END VERTEBRAE AS THE LOWEST INSTRUMENTED VERTEBRAE OFFERS OPTIMAL CURVE CORRECTION IN ANTERIOR THORACOSCOPIC FUSION FOR ADOLESCENT IDIOPATHIC SCOLIOSIS

- Glenys Poon

(1306) POSTOPERATIVE SHOULDER IMBALANCE (PSI) IN AR AND NON AR CURVES AMONG LENKE TYPE 1 AND LENKE 2 IDIOPATHIC SCOLIOSIS (IS) PATIENTS UNDERGOING POSTERIOR SPINAL FUSION (PSF): A PROPENSITY SCORE MATCH STUDY

- Siti Mariam Mohamad

(1397) MID TERM OUTCOMES OF TREATMENT OF DYSTROPHIC KYPHOSCOLIOSIS IN NF1 WITH ONE STAGE POSTERIOR ONLY ALL PEDICLE SCREW TECHNIQUE USING STRATEGIC ANCHOR POINT METHOD

- Aju Bosco

(1401) ASSESSMENT OF MEDIAL SHOULDER, NECK, AND LATERAL SHOULDER BALANCE FOLLOWING POSTERIOR SPINAL FUSION (PSF) IN LENKE TYPE 1 AND 2 ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS) PATIENTS: A MULTICENTER ASIA PACIFIC SPINE SOCIETY (APSS) COLLABORATIVE STUDY

- Chris Chan Yin Wei

9.00 AM - 9.30 AM

OPENING CEREMONY (Proceed to Sabah Room)

9.30 AM - 10.00 AM

BREAK

10.00 AM - 10.30 AM

PLENARY (Proceed to Sabah Room)

10.30 AM - 11.30 AM

FP 2: BEST PAPER SESSION - CLINICAL

Moderators

- Anne Kathleen Ganai-Antonio
- Harwant Singh

Judges

- Orso Osti
- Yong Qiu
- Keith Luk
- Hee Kit Wong
- Yukihiro Matsuyama

(596) PREDICTORS OF ADULT SPINAL DEFORMITY PROGRESSION: THE ROLE OF PARASPINAL MUSCLE DEGENERATION IN A LONGITUDINAL COHORT STUDY

- Keiji Nagata

SCIENTIFIC PROGRAMME -ROOM 3 / KEDAH ROOM

DAY 1: 20 JUNE 2025

(1109) CLASSIFICATION OF THE OLIF CORRIDOR AND ITS UTILITY IN PREDICTING THE EASE OF SURGERY

- Venkata Ramesh Chandra Vemula

(1127) DEEP LEARNING BASED OBJECT DETECTION ALGORITHM USING MAGNETIC RESONANCE IMAGING FOR DIFFERENTIAL DIAGNOSIS OF PATHOLOGICAL VERTEBRAL FRACTURES CAUSED BY MALIGNANT METASTASIS IN PATIENTS WITH VERTEBRAL COMPRESSION FRACTURES: A RETROSPECTIVE MULTICENTER STUDY

- Joonghyun Ahn

(1149) COMPARISON OF MAJOR COMPLICATIONS FOLLOWING BIPOLAR SPINAL CORRECTION VERSUS TRADITIONAL POSTERIOR SPINAL FUSION FOR THE TREATMENT OF SCOLIOSIS IN CHILDREN WITH CEREBRAL PALSY.

- Michael Johnson

(1195) SHOULDER BALANCE AFTER POSTERIOR SPINAL FUSION (PSF) IN SCOLIOSIS SURGERY: A PROPENSITY SCORE MATCHED COMPARISON BETWEEN ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS) AND ADULT IDIOPATHIC SCOLIOSIS (ADIS)

- Van Jet Leong

(1263) ASSESSMENT OF VERTEBRAL BONE DENSITY IN ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS) USING COMPUTED HOUNSFIELD UNIT MEASUREMENT: AN ANALYSIS OF 119 PATIENTS TOMOGRAPHY

- Mohamed Irsyad Mohamed Haniffa

(1283) CROSS TIGHTENING CERVICAL MUSCLES FOR CERVICAL LAMINOPLASTY FOR PREVENTION OF AXIAL NECK PAIN AFTER SURGERY OF CERVICAL SPONDYLOTIC MYELOPATHY

- Takahiro Iizuka

(1363) COMPARATIVE ANALYSIS OF CLINICAL AND RADIOLOGICAL OUTCOMES IN PATIENTS UNDERGOING TRANSFORAMINAL LUMBAR INTERBODY FUSION USING HAMSTER OVARY CELL DERIVED RHBMP 2 AND ESCHERICHIA COLI CELL DERIVED RHBMP 2

- K Joshua

11.30 AM - 12.30 PM

FP 3: BEST PAPER SESSION - RAPIDFIRE

Moderators

- Saori Soeda
- Zairul Anuar Kamarul Bahrin

Judges

- S. Rajasekaran
- Hai Yong
- Gusti Lanang
- Yat-Wa Wong
- Shu-Hua Yang

(34) PRT1 (PELVIC RADIUS T1 ANGLE): A NOVEL RADIOLOGICAL PARAMETER OF SPINOPELVIC SAGITTAL BALANCE

- Yang Changwei

(630) A SINGLE STAGE USING HEMI TRANSVERSE RECTUS ABDOMINIS MUSCLE FLAP REDUCING WOUND COMPLICATIONS AND HOSPITAL STAY FOLLOWING TOTAL SACRECTOMY.

- Permsak Paholpak

(789) CRANIAL SCREW MALPOSITION AS A RISK FACTOR FOR UPPER INSTRUMENTED VERTEBRA FRACTURE IN ADULT SPINAL DEFORMITY

- Eliseo Albert C. Pagdato Jr.

(865) IMPLANTATION OF AN ACELLULAR, BIORESORBABLE, ULTRA PURIFIED ALGINATE GEL AFTER DISCECTOMY FOR LUMBAR INTERVERTEBRAL DISC HERNIATION: AN INTERIM ANALYSIS OF A FIRST IN HUMAN PILOT STUDY AND COMPARISON WITH A CONTROL COHORT STUDY

- Katsuhisa Yamada

(878) DEDICATED SPINE TEAMS ARE MORE EFFICIENT AND IMPROVES PERI OPERATIVE OUTCOMES IN IDIOPATHIC SCOLIOSIS SURGERY: A PROPENSITY SCORE MATCHED STUDY

- Masayoshi Iwamae

(894) THE UTILITY OF CERVICAL VERTEBRAL MATURATION INDEX (CVM) IN STAGING SKELETAL GROWTH AND CURVE PROGRESSION OF ADOLESCENT IDIOPATHIC SCOLIOSIS

- Samuel Tin Yan Cheung

SCIENTIFIC PROGRAMME -ROOM 3 / KEDAH ROOM

DAY 1: 20 JUNE 2025

(934) REVISITING THE TREATMENT ALGORITHM FOR ATLANTOAXIAL DISLOCATION AFTER 10 YEARS: A MULTI CENTER STUDY WITH MID TO LONG TERM FOLLOW UP

- Nanfang Xu

(983) COMPARATIVE OUTCOMES OF SURGICAL AND MEDICAL INTERVENTIONS IN PATIENTS WITH INDETERMINATE SPINAL INSTABILITY NEOPLASTIC SCORES

- Lou Ides A. Wooden

(1141) ANALYSIS OF NEUROMONITORING ALERTS IN PAEDIATRIC SPINAL SURGERY – ANALYSIS FROM THE PAEDIATRIC SPINE SURGERY REGISTRY (PSSR)

- Michael Johnson

(1151) AN INTELLIGENT COMPOSITE PREDICTION MODEL INCORPORATING GLOBAL, REGIONAL X RAYS AND CLINICAL PARAMETERS TO FACILITE AIS CURVE PROGNOSTICATION AND POPULATION SCREENING

- Graham Ka Hon Shea

(1153) THE MID TO LONG TERM NATURAL HISTORY OF DEGENERATIVE LUMBAR SPINAL STENOSIS AND PREDICTORS FOR CLINICAL DETERIORATION

- Graham Ka Hon Shea

(1154) A PREDICTIVE MODEL FOR IMMEDIATE POSTOPERATIVE X RAYS OF ADOLESCENT IDIOPATHIC SCOLIOSIS AFTER POSTERIOR SPINAL FUSION USING GENERATIVE NEURAL NETWORKS: SVV NET

- Nan Wu

(1246) ROLE OF MAGNETIC RESONANCE SPECTROSCOPY AS A DIAGNOSTIC MOLECULAR BIOMARKER IN PREDICTING EARLY CERVICAL SPONDYLOTIC MYELOPATHY

- Karthik Ramachandran

(1280) THE EFFECT OF INTRAVENOUS CORTICOSTEROIDS ON CLINICAL AND RADIOLOGICAL POSTOPERATIVE DYSPHAGIA IN ANTERIOR CERVICAL SPINE SURGERY: A RANDOMISED TRIAL.

- Selvin Prabhakar

(1377) VERTEBRAL BODY TETHERING (VBT) FOR PROGRESSIVE IDIOPATHIC SCOLIOSIS: LESSONS LEARNED FROM CONSECUTIVE CASES IN A SINGLE CENTRE

- John Nm Ruiz

12.30 PM - 2.30 PM

PRAYER

2.30 PM - 3.30 PM

FP 4: BEST PAPER SESSION - BASIC SCIENCE

Moderators

- Rushma Tandon
- Mohamad Zaki

Judges

- Yoshiharu Kawaguchi
- Kyu-Jung Cho
- Masaya Nakamura
- Sabarul Afian Mokhtar
- Mohd Imran Yusof

(232) PHILLYGENIN INHIBITS NEUROINFLAMMATION AND PROMOTES FUNCTIONAL RECOVERY AFTER SPINAL CORD INJURY VIA TLR4 INHIBITION OF THE NF KB SIGNALING PATHWAY

- Yu Zhang

(567) NEURONAL RESUSCITATION USING UMBILICAL CORD MESENCHYMAL STEM CELLS DELIVERED BY PVA/CHITOSAN SCAFFOLDS IN CANINE SPINAL CORD INJURY MODEL: CLINICAL AND HISTOPATHOLOGICAL EVALUATION OF NEUROREGENERATION

- Zikrina Abyanti Lanodiyu

(698) DEEP LEARNING ALGORITHM TO PREDICT HIP DISEASE ON LUMBAR SPINE X RAYS.

- Masashi Tsujino

(812) WHOLE GENOME SEQUENCING AND COMPARATIVE GENOMIC ANALYSIS OF MYCOBACTERIUM TUBERCULOSIS STRAINS FROM SPINAL TUBERCULOSIS PATIENTS IN SABAH, MALAYSIA

- Kai Ling Chin

SCIENTIFIC PROGRAMME -ROOM 3 / KEDAH ROOM

DAY 1: 20 JUNE 2025

(1152) IDENTIFYING MYELOID DERIVED SUPPRESSOR CELLS AND LIPOCALIN 2 AS THERAPEUTIC TARGETS FOR INTERVERTEBRAL DISC DEGENERATION

- Graham Ka Hon Shea

(1282) DEVELOPMENT OF A NEW TREATMENT FOR OSTEOPOROTIC VERTEBRAL FRACTURES USING ADIPOSE DERIVED STEM CELL SPHEROIDS

- Yuta Sawada

(1295) DYSREGULATION OF AMINO ACIDS DURING INTERVERTEBRAL DISC DEGENERATION UNTARGETED METABOLOME ANALYSIS

- Karthik Ramachandran

(1296) UNLOCKING THE IVD: UNVEILING ITS MICROBIAL LANDSCAPE WITH SHOTGUN METAGENOMICS

- Karthik Ramachandran

3.30 PM - 4.10 PM

FP 5: EMERGING TECHNOLOGIES

Moderators

- Rommel Tan
- Jayamalar Thuraijasingam

(134) DEVELOPMENT AND PRELIMINARY EXPERIMENTAL STUDY OF A NEW TYPE OF BI DIRECTIONAL SELF LOCKING LUMBAR FUSION CAGE

- Yimin Yang

(632) AN AUTOMATIC CLASSIFICATION METHOD FOR ADOLESCENT IDIOPATHIC SCOLIOSIS BASED ON ARTIFICIAL INTELLIGENCE

- Kai Yang

(638) IS NAVIGATION GUIDED OCCIPITAL CONDYLE SCREW PLACEMENT A SAFE AND EFFECTIVE OPTION IN OCCIPITOCERVICAL FIXATIONS: A FEASIBILITY STUDY USING 3 D PRINTED PATIENT SPECIFIC SPINE MODELS

- Aju Bosco

(737) FEASIBILITY OF LUMBOPELVIC MUSCLES VOLUME FOR ESTIMATING TOTAL MUSCLE VOLUME ON COMPUTED TOMOGRAPHY: AI BASED AUTOMATIC IMAGE ANALYSIS

- Yongsoo Choi

(862) PERIOPERATIVE COMPLICATIONS IN VERTEBRAL BODY TETHERING: PREVALENCE AND PREDICTIVE FACTORS

- Chan Kai Chun Augustine

(885) PERIOPERATIVE COMPLICATIONS OF MINIMALLY INVASIVE TRANSFORAMINAL LUMBAR INTERBODY FUSION (MI TLIF): 10 YEARS OF EXPERIENCE WITH MI TLIF

- Vishal Kundnani

(986) DOES ROBOTIC SPINE SURGERY ADD VALUE TO SURGICAL PRACTICE OVER NAVIGATION BASED SYSTEMS? A STUDY ON OPERATING ROOM EFFICIENCY

- Pirateb Sundaram

(1017) SINGLE POSITION PRONE LATERAL LUMBAR INTERBODY FUSION: A CASE SERIES

- Kuang Ting Yeh

(1330) TRANSFORMING SPINAL CARE: INNOVATIVE 3 D GAIT ANALYSIS APPROACH FOR TARGETED SPINAL CORD INJURY REHABILITATION

- Marish Gupta

(1518) THE USE OF PREOPERATIVE HALO-PELVIC TRACTION IN THE MANAGEMENT OF SEVERE SPINAL DEFORMITIES: A RETROSPECTIVE REVIEW

- Ingrid Ignacio

(1350) MRI SPINE REQUEST FORM ENHANCEMENT AND AUTO PROTOCOLING USING A SECURED INSTITUTIONAL LARGE LANGUAGE MODEL

- Tan Jiong Hao Jonathan

SCIENTIFIC PROGRAMME -ROOM 3 / KEDAH ROOM

DAY 1: 20 JUNE 2025

4.10 PM - 4.30 PM

BREAK

4.30 PM - 5.30 PM

FP 6: BEST PAPER SESSION - MSS

Moderators

- Aju Bosco
- Jayamalar Thurairajasingam

Judges

- Morio Matsumoto
- Jose Manuel Fernando Ignacio
- Ki-Tak Kim
- Gabriel Liu
- Ahmet Alanay

(401) IMPACT OF MYOSTEATOSIS ON PROGNOSIS IN MULTIPLE MYELOMA PATIENTS: A SUBGROUP ANALYSIS OF 182 CASES AND DEVELOPMENT OF A NOMOGRAM

- Junpeng Liu

(740) IS THERE ANY DIFFERENCE BETWEEN THE PROXIMAL VERSUS DISTAL LUMBAR LORDOSIS IN RELATION TO PELVIC INCIDENCE IN ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS) PATIENTS: AN ANALYSIS OF 822 CASES

- Ong Yu Yi

(754) COMPUTED TOMOGRAPHY VERSUS MAGNETIC RESONANCE IMAGING OF THE CERVICAL SPINE IN THE SPINAL CLEARANCE OF TRAUMA PATIENTS: A SYSTEMATIC REVIEW AND META ANALYSES

- Yong Jung Hahn

(829) REDUCING COSTS, PRESERVING OUTCOMES: A SYSTEMATIC REVIEW, META ANALYSIS, AND COST EFFECTIVENESS ANALYSIS OF ORAL TRANEXAMIC ACID IN SPINE SURGERY

- Zonglin He

(924) A NOVEL AND SAFE SURGICAL STRATEGY TO CORRECT EXTREMELY SEVERE POTTS DEFORMITY FROM PATHOLOGICAL TO PHYSIOLOGICAL KYPHOSIS: PREOPERATIVE HALO PELVIC TRACTION AFTER INTERNAL KYPHUS RESECTION COMBINED WITH FINAL POSTERIOR APPROACH CORRECTION

- Prof Kai Cao

(1123) INTERNATIONAL MULTICENTER VALIDATION OF GROWTH VELOCITY AND SCOLIOSIS PROGRESSION PREDICTION USING THE DISTAL RADIUS AND ULNA (DRU) CLASSIFICATION: AN APSS SCOLIOSIS FOCUS GROUP STUDY

- Hideyuki Arima

(1311) FACTORS ASSOCIATED WITH UPPER LIMB PALSYP FOLLOWING CERVICAL SPINE DEFORMITY SURGERY

- Satoshi Maki

(1403) SURGICAL MANAGEMENT OF KLIPPEL FEIL SYNDROME WITH BASILAR INVAGINATION: A RETROSPECTIVE REVIEW OF 16 CASES

- Nirdesh Hiremagalur Jagadeesh

SPINE RAPID FIRE PODIUM

DAY 1: 20 JUNE 2025

8.00 AM - 9.00 AM

RAPID FIRE 1

Moderator

- Marazuki Haji Perwira

(135) A NOVEL POSTERIOR COMPRESSION SCORE SYSTEM FOR OUTCOME PREDICTION IN LAMINOPLASTY TREATED OPLL PATIENTS: A PROPENSITY MATCHED ANALYSIS

- Leixin Wei

(298) COULD ENLARGED CERVICAL CANAL DIAMETER IN CONVENTIONAL PLAIN LATERAL RADIOGRAPHS INDICATE THE PRESENCE OF SYRINGOMYELIA? A PROPENSITY SCORE MATCHED STUDY

- Saturveithan Chandirasegaran

(332) ANTERIOR ATLANTOAXIAL MOTION PRESERVATION FIXATION TECHNIQUE FOR AXIS COMPLEX FRACTURES (ODONTOID PROCESS WITH HANGMAN'S FRACTURES) AND TECHNIQUE NOTES

- Qilin Lu

(499) LEVERAGING SMALL SAMPLE MACHINE LEARNING FOR RIGOROUS PREDICTION OF POSTOPERATIVE OUTCOMES IN CERVICAL SPONDYLOTIC MYELOPATHY PATIENTS: INSIGHTS FROM IMAGING PARAMETERS AND MODELING STRATEGIES

- Honghao Yang

(637) CERVICAL RANGE OF MOTION AFTER ACCF VERSUS LAMINOPLASTY FOR MULTILEVEL SPONDYLOTIC MYELOPATHY: A THREE DIMENSIONAL COMPARISON BASED ON CODA MOTION SYSTEM

- Kai Yang

(758) MANAGEMENT OF CERVICAL SPONDYLOTIC MYELOPATHY WITH OPLL: A RETROSPECTIVE ANALYSIS OF 60 CASES

- Prof. Md. Anowarul Islam

(886) SAFETY, EFFICACY, SURGICAL, AND RADIOLOGICAL OUTCOMES OF SHORT SEGMENT OCCIPITAL PLATE AND C2 TRANSARTICULAR SCREW CONSTRUCT FOR OCCIPITO CERVICAL INSTABILITY

- Vishal Kundnani

(941) CLINICAL STUDY ON THE NON OPERATIVE TREATMENT OF ATLANTOAXIAL ROTATORY FIXATION

- Yusuke Oshita

(969) "RISK FACTORS FOR MORTALITY IN PATIENTS WITH POST TRAUMATIC CERVICAL SCI: INSIGHTS FROM A LEVEL 1 TRAUMA CENTRE"

- Chetan Chaudhary

(995) DISTINCT CLINICAL CHARACTERISTICS IN THE THORACIC VERSUS CERVICAL OSSIFICATION OF THE POSTERIOR LONGITUDINAL LIGAMENT

- YunSeong Kim

(1271) 90 DAYS POST OPERATIVE OUTCOMES IN PATIENTS UNDERGOING NOVEL C3 DOME C7 REVERSE DOME OPEN DOOR LAMINOPLASTY – A RETROSPECTIVE STUDY OF CLINICAL OUTCOME DATA

- Seth Sim

(1277) HIRAYAMA DISEASE AND ITS MANAGEMENT – EXPERIENCE OF A TERTIARY CARE CENTRE

- Selvin Prabhakar

(1312) VIABILITY OF PEDICLE SCREWS IN THE SUBAXIAL SPINE: OSTEOMETRIC STUDY USING MULTIPLANAR RECONSTRUCTION CT SCANS (A PILOT STUDY)

- Romel P. Estillore

(1313) DEBULKING OF A NON DYSRAPHIC CERVICO OCCIPITAL INTRAMEDULLARY SPINAL CORD LIPOMA WITH EXTENSIVE MULTILEVEL KUROKAWA'S DOUBLE DOOR LAMINOPLASTY IN AN 8 YEARS OLD CHILD : A CASE REPORT & LITERATURE REVIEW.

- Abdul Waris Imran

SPINE RAPID FIRE PODIUM

DAY 1: 20 JUNE 2025

(1340) ACUTE SUB AXIAL CERVICAL SPINE INJURY PRESENTING WITH MYELOPATHIC FEATURE
OUTCOME OF A COHORT OF 32 PATIENTS AND PROPOSAL OF A NEW CLINICAL CLASSIFICATION

- Arkadip Chakraborty

(1364) COMPARISON OF STAND ALONE ANCHORED CAGE VS. PLATE AND CAGE SYSTEM IN
THREE LEVEL ANTERIOR CERVICAL DISCECTOMY AND FUSION FOR DEGENERATIVE CERVICAL
MYELOPATHY

- K Joshua

(1368) "IS STAND ALONE CAGE GOOD ENOUGH IN UNIFACETAL CERVICAL DISLOCATIONS": A
RETROSPECTIVE COMPARISON BETWEEN STANDALONE CAGE VERSUS CONVENTIONAL CAGE
PLATE TECHNIQUE

- Anil Kumar

9.30 AM - 10.00 AM

BREAK

10.00 AM - 11.30 AM

RAPID FIRE 2

Moderator

- Nur Aida Faruk Senan

(67) BIOMECHANICAL EVALUATION OF BIDIRECTIONAL SELF LOCKING FUSION APPARATUS IN
VITRO

- Bobo Zhang

(399) SHORT TERM SPINAL CORD STIMULATION VERSUS DEBRIDEMENT FOR THE TREATMENT
OF DIABETIC FOOT: A RETROSPECTIVE COHORT STUDY

- Junpeng Liu

(430) CLOSED REDUCTION AND PERCUTANEOUS PINNING OF DISLOCATIVE TYPE OF PAEDIATRIC
LATERAL CONDYLE FRACTURE OF HUMERUS FOUR CASES REPORT

- Fei Qiao

(431) CLOSED REDUCTION OF TWO SUB TYPES OF ROTATED HUMERUS LATERAL CONDYLE
FRACTURES ACCORDING TO NEW CLASSIFICATION IN CHILDREN

- Fei Qiao

(498) BIOMECHANICAL EVALUATION OF MULTIPLE PELVIC SCREWS AND MULTIROD
CONSTRUCT FOR THE AUGMENTATION OF LUMBOSACRAL JUNCTION IN LONG SPINAL FUSION
SURGERY

- Honghao Yang

(685) EFFICACY AND HIGH PATIENT SATISFACTION OF ULTRA MINIMALLY INVASIVE TRANS
SACRAL CANAL PLASTY (TSCP) IN ELDERLY PATIENTS WITH SYSTEMIC COMORBIDITIES

- Masatoshi Teraguchi

(701) MIS TLIF UNDER O ARM NAVIGATION AVOIDS VIOLATION OF THE SUPRADJACENT FACET
JOINT AND DELAYS ITS DEGENERATION

- Yuhao Yang

(949) OBJECTIVE FUNCTIONAL EVALUATIONS FOLLOWING ENDOSCOPIC SPINE SURGERY:
THE PROSPECTIVE USE OF SMART WEARABLE TECHNOLOGY

- Wilhelmina Wilma Wijaya

(1008) TRANSFORAMINAL INJECTION OF PLATELET RICH PLASMA VS STER OID FOR LUMBAR
DISC HERNIATION: SYSTEMATIC REVIEW AND META ANALYSIS OF RANDOMIZED CONTROLLED
TRIAL

- Muhammad Adam Darmawan

(1075) EFFECTIVENESS OF A DIGITAL REHABILITATION PROGRAM FOLLOWING ANTERIOR
CERVICAL DISCECTOMY AND FUSION SURGERY

- Siyi Cai

SPINE RAPID FIRE PODIUM

DAY 1: 20 JUNE 2025

(1092) OUTCOME OF POSTERIOR LUMBAR INTERBODY FUSION (PLIF) WITH CAGE AND BONE GRAFT IN THE TREATMENT OF DEGENERATIVE LUMBAR SPINAL CANAL STENOSIS.

- Jhuton Chandra Banik

(1144) BIOMECHANICAL IMPACT OF CEMENT AUGMENTATION ON PEDICLE SCREW FIXATION AND ADJACENT SEGMENT DISEASE IN MULTILEVEL LUMBAR FUSION: A FINITE ELEMENT ANALYSIS

- Hyung Youl Park

(1334) MODIFIED HYBRID MIS TLIF, WHAT WE DO?

- Md. Shah Alam

(1339) SURGICAL MANAGEMENT OF NEGLECTED, LATELY PRESENTED SUB AXIAL CERVICAL SPINE INJURY BY SINGLE ANTERIOR APPROACH; OUR OBSERVATION IN TERTIARY CARE HOSPITALS IN BANGLADESH

- Md. Shah Alam

(1354) THE CT EVIDENCE OF OSSIFICATION OF THE POLYCAPROLACTONE SCAFFOLD USED AS SPACER FOR LAMINAPLASTY A CASE REPORT

- Gaudencio T. Ligutom Iii, Md

(1355) LOVASTATIN LOADED NANOPARTICLES IN A THERMOSENSITIVE CHITOSAN HYDROGEL AS A SUSTAINED RELEASE SYSTEM FOR TREATING INTERVERTEBRAL DISC DEGENERATION

- Chih Wei Chen

(1384) CORRELATION OF INTRAOPERATIVE ULTRASOUND PULSATIONS TO RECOVERY AND PROGNOSIS IN PATIENTS WHO UNDERWENT SPINAL DECOMPRESSION SURGERIES IN A TERTIARY HOSPITAL

- Jhovals Kern C. Visto

(1410) IMPACT OF PATIENT POSITIONING ON SURGICAL OUTCOMES AND PATIENT SAFETY IN SPINAL SURGERIES: RESULTS OF A SYSTEMATIC REVIEW AND INDIAN EXPERT CONSENSUS

- Sabeela Sajid

11.30 AM - 12.30 PM

RAPID FIRE 3

Moderator

- Abdul Hadi Husin

(68) ENDOSCOPIC DECOMPRESSION FOR RADICULOPATHY IN SCOLIOSIS

- Koh Jun Rui Don

(199) PRELIMINARY RESULTS OF THE TREATMENT FOR FAILED BACK SURGERY SYNDROME BY FULL ENDOSCOPIC APPROACH AT SAINT PAUL GENERAL HOSPITAL, IN HANOI, VIETNAM

- Luong Minh Quang

(267) MANAGEMENT OF A SEVERE LUMBAR INFECTION (360° ABSCESS) USING SPINAL ENDOSCOPY: A CASE REPORT

- Jin Tang

(686) SURGICAL STRATEGIES FOR CERVICAL SPONDYLOTIC MYELOPATHY IN YOUNG OLD AND OLD OLD PATIENTS: A COMPARISON BETWEEN ENDOSCOPIC LAMINECTOMY AND DOUBLE DOOR LAMINOPLASTY

- Masatoshi Teraguchi

(695) INTRAOPERATIVE NEUROMONITORING USE IN POSTERIOR ENDOSCOPIC CERVICAL DECOMPRESSION: CAN IT REDUCE COMPLICATIONS?

- Paem Sara

(702) LARGE CHANNEL ENDOSCOPY FOR HIGHLY MIGRATED LUMBAR DISC HERNIATION: SAFETY AND EFFECTIVENESS

- Xu Sun

SPINE RAPID FIRE PODIUM

DAY 1: 20 JUNE 2025

(760) FULL ENDOSCOPIC DECOMPRESSION: HOW MUCH SPACE DO WE NEED?

- Adithep Charoenyothakun

(817) CLINICAL EFFICACY OF BIPORTAL ENDOSCOPIC SPINAL SURGERY (BESS) FOR LUMBAR SPINAL STENOSIS

- Minyoung Kim

(908) INITIAL FUNCTIONAL OUTCOMES IN PATIENTS WHO UNDERWENT PERCUTANEOUS ENDOSCOPIC LUMBAR DISCECTOMY (PELD)

- Noreen Joyce Yeo

(944) TRANSARTICULAR PROCESS ENDOSCOPIC DISCECTOMY FOR LUMBOSACRAL DISC HERNIATION AND TRANSFORAMINAL ENDOSCOPIC LUMBAR DISCECTOMY: A NEW CONCEPT ?

- Dinh Ngoc Son

(1023) BIPORTAL ENDOSCOPIC SPINAL SURGERY VS. OPEN LAMINECTOMY FOR CANAL STENOSIS: A COMPARATIVE STUDY ON CLINICAL OUTCOMES AND COST ANALYSIS

- Margareth Ayu Caroline

(1303) UNIPORTAL VERSUS BIPORTAL ENDOSCOPIC SPINE SURGERY IN LUMBAR DEGENERATIVE CONDITIONS

- Ken Jeffrey O. Magcalas

(1131) POSTOPERATIVE KINETICS OF C REACTIVE PROTEIN, ERYTHROCYTE SEDIMENTATION RATE AND CREATINE KINASE TOTAL IN PERCUTANEOUS ENDOSCOPIC LUMBAR DISCECTOMY

- Suttinont Surapuchong

(1169) THREE CASES WITH LUMBAR DISCAL CYST, INCLUDING GAS HERNIATION, RECOVERED AFTER ENDOSCOPIC DECOMPRESSION SURGERY

- Yuh Watanabe

(1338) DISCOVERING THE POTENTIAL OF UBE – A PERSONAL PERSPECTIVE

- Eric Belarmino

(1331) RISK FACTORS AND CONSEQUENCES OF CAGE SUBSIDENCE AFTER SINGLE LEVEL POSTERIOR OR TRANSFORAMINAL LUMBAR INTERBODY FUSION: A RETROSPECTIVE MULTICENTER STUDY

- Hiroki Ushirozako

(468) IMPACT OF SCREW LOOSENING AFTER SINGLE LEVEL POSTERIOR LUMBAR INTERBODY FUSION ON HEALTH RELATED QUALITY OF LIFE

- Hiroki Ushirozako

(1353) COMBINED ENDOSCOPIC ENDONASAL TRANSORAL APPROACH TO THE ANTERIOR CRANIO CERVICAL AREA UP TO C4 WITHOUT SPLITTING OF THE SOFT PALATE, UVULA, TONGUE OR MANDIBLE: AN EVOLUTION OF TECHNIQUE

- Gaudencio T. Ligutom Iii, Md

1.00 PM - 2.30 PM

PRAYER

2.30 PM - 3.30 PM

RAPID FIRE 4

Moderator

- Rengsen Parthiban

SPINE RAPID FIRE PODIUM

DAY 1: 20 JUNE 2025

(333) INTRADURAL LUMBAR DISC HERNIATION WITH CAUDA EQUINA SYNDROME: CASE REPORT AND RECENT ADVANCES

• [Vijay Kumar Loya](#)

(705) CHARACTERISTICS OF STANDING AND SITTING SPINOPELVIC SAGITTAL ALIGNMENT IN PATIENTS WITH DIFFUSE IDIOPATHIC SKELETAL HYPEROSTOSIS

• [Xu Sun](#)

(722) INDIRECT DECOMPRESSION LATERAL LUMBAR INTERBODY FUSION RISK SCORE (ID LLIF RISK SCORE SYSTEM) TO PREDICT SUCCESSFUL INDIRECT DECOMPRESSION IN LATERAL LUMBAR INTER BODY FUSION

• [Narat Virojanawat](#)

(738) THE IMPACT OF PARASPINAL MUSCLE CHANGES ON BACK PAIN FOLLOWING SINGLE SEGMENT POSTERIOR LUMBAR LAMINECTOMY

• [Yongsoo Choi](#)

(777) BIOMECHANICAL STUDY OF INTRAOPERATIVE SUBSIDIENCE IN EXPANDABLE CAGE TRANSFORAMINAL LUMBAR INTERBODY FUSION FINITE ELEMENT ANALYSIS

• [Abdul Wasik](#)

(781) FULL ENDOSCOPIC VERSUS MICROSCOPIC LUMBAR DISCECTOMY FOR LUMBAR DISC HERNIATION – A SYSTEMATIC REVIEW & META ANALYSIS OF 4,186 CASES

• [Yong Jung Hahn](#)

(795) A 2 YEAR OUTCOMES AND COMPLICATIONS OF VARIOUS TECHNIQUES OF LUMBAR DISCECTOMY: A MULTICENTRIC PROSPECTIVE STUDY

• [Praveen Goparaju](#)

(826) COMPARATIVE ANALYSIS OF SAGITTAL ALIGNMENT FOLLOWING SHORT LEVEL LUMBAR INTERBODY FUSION IN DEGENERATIVE LUMBAR SPONDYLOLISTHESIS: A COMPARISON BETWEEN POSTERIOR AND LATERAL APPROACHES

• [Tae Hoon Kim](#)

(875) STUDY OF SAGITTAL LUMBAR PELVIC MORPHOLOGY IN ADOLESCENTS VS ADULTS ISTHMIC LUMBAR SPONDYLOLISTHESIS PATIENTS

• [Shuaijun Jia](#)

(907) RISK FACTORS FOR NONUNION FOLLOWING POSTERIOR LUMBAR INTERBODY FUSION AT L5 S1: IMPORTANCE OF BILATERAL BICORTICAL PURCHASE OF S1 PEDICLE SCREWS

• [Arnold Joseph Cagulada](#)

(912) LUMBAR LORDOSIS IN ASIAN PATIENTS – IMPLICATIONS TO ADULT DEFORMITY CORRECTION.

• [Foong, Bryan Chun Meng](#)

(960) CLINICAL AND RADIOGRAPHICAL EFFICACY OF SINGLE PRONE POSITION OBLIQUE LATERAL INTERBODY FUSION IN LUMBAR DEGENERATIVE DISEASE

• [Yung Hsueh Hu](#)

(996) FRESH LUMBAR SPONDYLOLYSIS IN PRESCHOOL AGE CHILDREN: A CASE SERIES

• [Yuta Tsukagoshi](#)

(1147) CLINICAL AND RADIOLOGIC OUTCOMES OF THE USE OF INTERLAMINAR DEVICE (COFLEX®) AMONG PATIENTS WITH LOW GRADE LUMBAR SPONDYLOLISTHESIS: A SINGLE CENTER STUDY

• [Katrina Ysabel Naraval](#)

(1182) ANALYSIS OF PELVIC INCIDENCE, SACRAL SLOPE AND PELVIC TILT IN PATIENTS WITH CHRONIC NON SPECIFIC LOW BACK PAIN

• [Saurabh Singh](#)

SPINE RAPID FIRE PODIUM

DAY 1: 20 JUNE 2025

(1197) PREVALENCE AND RISK FACTORS OF LOW BACK PAIN AMONG SPINE SURGEONS IN CHINA: A CROSS SECTIONAL SURVEY

- Dong Hu

(1254) CONGENITAL STENOSIS OF LUMBAR CANAL IS AN INDEPENDENT RISK FACTOR FOR DURAL TEARS FOLLOWING DISCECTOMY

- Kaustubh Ahuja

(1290) EXPLORING THE ROLE OF NON INVASIVE COMPLEMENT BIOMARKERS AS A PREDICTOR OF INTERVERTEBRAL DISC DEGENERATION – INSIGHTS FROM PLASMA PROTEOMICS

- Karthik Ramachandran

(1314) COMPARISON OF POST OPERATIVE OPIOID USE AND FUNCTIONAL OUTCOME IN ULTRASOUND GUIDED ESP BLOCK VS. LOCAL INFILTRATION IN LUMBAR FUSION SURGERY: A PROSPECTIVE MATCHED STUDY

- Aman Verma

(1386) OVERCOMING AGE BARRIERS: OBLIQUE LATERAL INTERBODY FUSION AS A SAFE SURGICAL OPTION FOR SUPER ELDERLY PATIENTS

- Hee Jung Son

3.30 PM - 4.10 PM

RAPID FIRE 5

Moderator

- Azizul Akram Salim

(666) CORRELATION OF SPINOPELVIC PARAMETERS IN LUMBAR PROLAPSED DISC IN ARMED POLICE PERSONNEL

- Umash Karki

(731) RISK FACTORS FOR EARLY (<5 YEARS) AND LATE (≥5 YEARS) CLINICAL ADJACENT SEGMENT PATHOLOGY (CASP) AFTER SINGLE/ DOUBLE LEVEL LUMBAR FUSION SURGERY – ARE THEY COMPARABLE?

- Sunkappa S R

(780) ANALYSIS OF LUMBAR PEDICLE MORPHOLOGY AND VERTEBRAL DIMENSIONS IN HIGH GRADE SPONDYLOLISTHESIS A COMPARATIVE STUDY

- Vibhor Abrol

(811) SHORT TERM OUTCOMES OF PERCUTANEOUS LASER DISC RECONSTRUCTION IN LUMBAR HNP: EVALUATION OF VAS, SF 36, AND MRI

- Bayu Sakti Jiwandono

(832) FEASIBILITY AND SAFETY OF PERCUTANEOUS TRANS KAMBIN POSTEROLATERAL LUMBAR INTERBODY FUSION (KLIF) WITH INDIRECT DECOMPRESSION: EARLY POSTOPERATIVE OUTCOMES.

- Niraj Vasavada

(833) COMPARISON OF EARLY CLINICAL AND RADIOLOGICAL OUTCOMES BETWEEN PERCUTANEOUS POSTEROLATERAL TRANS KAMBIN LUMBAR INTERBODY FUSION (KLIF) AND MINIMALLY INVASIVE TRANSFORAMINAL LUMBAR INTERBODY FUSION (MIS TLIF)

- Niraj Vasavada

(881) COMPARATIVE STUDY ON OUTCOMES OF CONVENTIONAL OPEN VERSUS MINIMALLY INVASIVE TRANSFORAMINAL INTERBODY FUSION SURGERY: A META ANALYSIS

- Hantz Filbert Siy

(942) THE ANATOMIES OF THE POSTERIOR LUMBAR SPINE FOR IMAGING THE ANTERIOR AND MIDDLE COMPONENTS THIS LANDMARK IS GOOD INDICATOR FOR PEDICLE SCREWING

- Yuki Mihara

(968) RELIABILITY AND VALIDITY OF THE BENGALI VERSION OF THE SRS 22 R QUESTIONNAIRE FOR IDIOPATHIC SCOLIOSIS IN BANGLADESHI POPULATION

- Sharif Ahmed Jonayed

SPINE RAPID FIRE PODIUM

DAY 1: 20 JUNE 2025

(987) PROSPECTIVE STUDY OF SURGICAL OUTCOMES OF LUMBAR SPINAL STENOSIS PATIENTS ASSOCIATED WITH OR WITHOUT KNEE OSTEOARTHRITIS

- Vikas Hanasoge

(1011) IMPROVEMENT IN ODI SCORES FOLLOWING EPIDUROLYSIS IN PATIENTS WITH LUMBAR CANAL STENOSIS: A CASE SERIES

- I Ketut Suyasa

(1059) DELAYED PRESENTATION OF CAUDA EQUINA SYNDROME TREATED WITH SURGERY WITH RECOVERY OF BOWEL AND BLADDER FUNCTION

- Kavinan Subramaniam

(1256) MACHINE LEARNING AND NEURAL NETWORKS IN SPINAL IMAGING: A SYSTEMATIC REVIEW OF DIAGNOSTIC ACCURACY FOR THORACO LUMBAR DEGENERATIVE PATHOLOGIES

- Leo Francis Diaz

(1317) MINIMALLY INVASIVE TRANSFORAMINAL INTERBODY FUSION IN DEGENERATIVE LUMBAR SPONDYLOLISTHESIS – IMPROVED POST OPERATIVE FUNCTIONAL AND RADIOLOGICAL OUTCOME AT FIVE YEARS FOLLOW UP

- Nur Aidurra Binti Zainudin

(1319) BONE CEMENT IN VERTEBRAL FRAGILITY FRACTURE: IS IT STILL USEFUL IN THE CURRENT ERA?

- Zairin Noor

(1327) MRI BASED VOLUMETRIC ASSESSMENT OF HERNIATED NUCLEUS PULPOSUS

- Vibhor Abrol

(1346) THORACIC KYPHOSIS AS A PREDICTIVE FACTOR FOR EARLY PROXIMAL JUNCTIONAL FAILURE FOLLOWING THORACOLUMBAR FUSION SURGERY

- Po Yuan Lin

4.10 PM - 4.30 PM

BREAK

4.30 PM - 5.30 PM

RAPID FIRE 6

Moderator

- Amir Fariz Zakaria

(367) IS THERE ANY SIGNIFICANT DIFFERENCE IN THE UPPER INSTRUMENTED TILT ANGLE BETWEEN LENKE 1 VE (FLEXIBLE) AND LENKE 1+VE (STIFF) ADOLESCENT IDIOPATHIC SCOLIOSIS PATIENTS?

- Nur Farah Anis Abd Halim

(759) SURGICAL INTERVENTION FOR HIGH GRADE SPONDYLOLISTHESIS: RATIONALITY OF REDUCTION

- Md. Anowarul Islam

(767) PERIOPERATIVE COMPLICATIONS IN POSTERIOR SPINAL FUSION SURGERY FOR NEUROMUSCULAR SCOLIOSIS

- Yuki Horiuchi

(788) COMPARISON OF RISK FOR UPPER INSTRUMENTED VERTEBRA FRACTURE BETWEEN UPPER AND LOWER THORACIC SEGMENTS IN ADULT SPINAL DEFORMITY

- Eliseo Albert C. Pagdato Jr.

(792) RISK ANALYSIS IN DISTAL JUNCTIONAL KYPHOSIS AFTER CORRECTIVE OSTEOTOMY FOR KYPHOTIC DEFORMITY IN OSTEOPOROTIC VERTEBRAL FRACTURE

- Tomohiro Yamada

(801) EXPRESSION OF LADYBIRD HOMEBOX1 (LBX1) AND ESTROGEN RECEPTOR (ESR) RNA IN ADOLESCENT IDIOPATHIC SCOLIOSIS AND ITS CORRELATION WITH COBB ANGLE: A PRELIMINARY STUDY LBX AND ESR RNA EXPRESSION IN PATIENTS WITH AIS

- Zikrina Abyanti Lanodiyu

SPINE RAPID FIRE PODIUM

DAY 1: 20 JUNE 2025

(879) SURGICAL OUTCOMES OF RESIDUAL ADOLESCENT IDIOPATHIC SCOLIOSIS WITH LENKE TYPE 5 C IN MIDDLE AGED PATIENTS: A MATCH PAIR ANALYSIS WITH ADOLESCENT CASES

- Yu Suematsu

(946) THE EFFECT OF HYBRID SCREW INSERTION TECHNIQUE WITH PEDICLE AND LAMINAR SCREWS AT THE UPPER INSTRUMENTED VERTEBRA ON PREVENTION FOR PROXIMAL JUNCTIONAL KYPHOSIS

- Ho Joong Kim

(1062) EFFICACY OF INTRAOPERATIVE TAPING TECHNIQUE IN THE REDUCTION OF DEFORMITY IN ADOLESCENT IDIOPATHIC SCOLIOSIS SURGERY AND ITS IMPACT OF SURGICAL OUTCOMES

- Panyajarn Laohapornsvan

(1133) IS THERE A ROLE FOR PREOPERATIVE BONE HEALTH SCREENING IN ADOLESCENT IDIOPATHIC SCOLIOSIS? – A RETROSPECTIVE STUDY WITH MINIMUM 5 YEARS LONGITUDINAL FOLLOW UP

- Lau Adam Yiu Chung

(1142) ENROLLMENT, SURGICAL OUTCOMES, COMPLICATIONS AND COST ANALYSIS FROM THE MULTICENTRE PAEDIATRIC SPINAL SURGERY REGISTRY (PSSR) – 2 YEARS OF ENROLLMENT.

- Michael B Johnson

(1162) THE SMALLEST WORTHWHILE EFFECT AS A PROMISING ALTERNATIVE TO THE MINIMAL CLINICALLY IMPORTANT DIFFERENCE IN ESTIMATING PATIENT REPORTED OUTCOME MEASURES FOR ADULT IDIOPATHIC SCOLIOSIS

- Nan, Wu

(1194) OBLIQUE TRAJECTORY IN EXTREME LATERAL LUMBAR INTERBODY FUSION (OXLIF): A PRELIMINARY ANTEPISOAS LUMBAR INTERBODY FUSION (LIF) TECHNIQUE DESCRIPTION AND CLINICAL RESULTS IN 94 INTERVERTEBRAL SEGMENTS

- Loh Khin Yee Sammy

(1201) RADIOGRAPHIC VALIDATION OF POSE ESTIMATION FOR SPINAL AND LOWER LIMB ALIGNMENT IN ADOLESCENT IDIOPATHIC SCOLIOSIS

- Go Goto

(1305) THORACIC POSTERIOR DYNAMIC DEFORMITY CORRECTION (PDDC) IS BETTER THAN LUMBAR POSTERIOR DYNAMIC DEFORMITY CORRECTION FOR GROWTH MODULATION IN ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS)

- Glenys Poon

(1325) THE USE OF PROXIMAL FEMUR MATURITY INDEX FOR BRACE WEANING IN ADOLESCENT IDIOPATHIC SCOLIOSIS

- Jason Pui Yin Cheung

(1326) INCIDENCE OF PROXIMAL THORACIC “MAJOR” SCOLIOTIC CURVES AND ITS SIGNIFICANCE: AN ANALYSIS OF 970 PATIENTS

- Thum Ying Ying

(1357) SOLID ROD TETHER FOR THORACIC SCOLIOSIS? AN ANALYSIS OF PROGRESSIVE CURVE STRAIGHTENING AND OVERCORRECTION BEHAVIOR IN ANTERIOR SINGLE ROD FUSION FOR THORACIC SCOLIOSIS WITH MINIMUM 5 YEAR FOLLOW UP

- Gin Way Law

SCIENTIFIC PROGRAMME - ROOM 1 / SABAH ROOM

DAY 2: 21 JUNE 2025

7.00 AM - 8.00 AM

MEET THE EXPERT - ENDOSCOPY

Moderators

- Suthipas Pongmanee
- Abdul Halim Yusof

CASE 1 | CASE 2 | CASE 3

Expert Case Presenters

- Choong Sing Loh (Malaysia)
- Elmer Jose Arevalo Meceda (Philippines)

Panelists

- Choong Sing Loh
- Elmer Jose Arevalo Meceda
- Jae-Hung Shin
- Kang Taek Lim
- Rafael Bundoc
- Zenya Ito

8.00 AM - 9.00 AM

SYMPOSIUM: TRAUMA 2

Moderators

- Wongthawat Liawrungrueang
- Hishamuddin Bin Salam

LONG TERM RESULTS OF MIS VS OPEN FIXATION FOR THORACOLUMBAR FRACTURES

- Rommel Tan (Philippines)

ANTERIOR RECONSTRUCTION AND POSTERIOR INSTRUMENTATION VS POSTERIOR INSTRUMENTATION ALONE FOR THORACOLUMBAR BURST FRACTURES

- K S Sivananthan (Malaysia)

IMPLANT REMOVAL VERSUS IMPLANT RETENTION FOLLOWING MIS FOR THORACOLUMBAR FRACTURE

- Nugroho Setyowardoyo (Indonesia)

INCIDENCE OF FACET VIOLATION IN ROBOTIC VS COMPUTER NAVIGATED PEDICLE SCREW FIXATION IN THORACOLUMBAR FRACTURES

- Torphong Bunmaprasert (Thailand)

LONG TERM RESULTS OF ONE VS TWO BALLOON KYPHOPLASTY IN OSTEOPOROTIC COMPRESSION FRACTURES

- Gaurav Dhakal (Nepal)

9.00 AM - 9.30 AM

ORATION

Moderator

- Jae-Yoon Chung

SPINAL OSTEOTOMY AND INSTRUMENTATION FOR CORRECTION OF SEVERE/RIGID DEFORMITIES: HISTORICAL REVIEW AND CURRENT CONDITION

- Kuniyoshi Abumi (Japan)

9.30 AM - 10.00 AM

BREAK

10.00 AM - 11.00 AM

SYMPOSIUM: BASIC SCIENCES UPDATE

Moderators

- Sabarul Afian Mokhtar
- Naresh Kumar

IS DISC DEGENERATION RELATED TO SUBCLINICAL INFECTION?

- S Rajasekaran (India)

ARE WE APPROACHING TO SCOLIOSIS CORRECTION BY GENETICS?

- Nan Wu (China)

SCIENTIFIC PROGRAMME - ROOM 1 / SABAH ROOM

DAY 2: 21 JUNE 2025

DEVELOPING THE BEST IMPLANT MATERIAL FOR OSTEOPOROTIC BONE

- Yong-Soo Choi (Korea)

THE APPLICATION OF 3D-PRINTED MICROPOROUS LAMINAE IN KYPHOSIS CORRECTION SURGERY FOR ANKYLOSING SPONDYLITIS

- Yu Wang (China)

THREE DECADES OF MEDICAL INNOVATION AND TRANSLATION: AN ACADEMIC SPINE SURGEON'S PERSPECTIVE

- Kenneth Cheung (Hong Kong)

11.00 AM - 12.00 PM

SYMPOSIUM: ENDOSCOPY 1

Moderators

- Gian Karlo Dadufalza
- Wu Pang Hung

FULL-ENDOSCOPIC SPINE SURGERY IN LUMBAR STENOSIS: BRIDGING TECHNOLOGY AND CLINICAL EXCELLENCE

- Wongthawat Liawrungrueang (Thailand)

SHARING HARD LESSONS IN ENDOSCOPIC LUMBAR SPINE SURGERY

- Abdul Halim Yusof (Malaysia)

THINGS WE CAN DO WITH ENDOSCOPE IN CERVICAL PATHOLOGIES

- Kang Taek Lim (Korea)

THE SURGICAL TECHNIQUES OF FULLY ENDOSCOPE-ASSISTED ANTERIOR ODONTOID FRACTURE FIXATION WITH DOUBLE HERBERT 'S SCREWS.

- Suthipas Pongmanee (Thailand)

12.00 PM - 1.00 PM

LUNCH SYMPOSIUM BY MEDTRONIC INTERNATIONAL, LTD

1.00 PM - 1.30 PM

BREAK

1.30 PM - 2.30 PM

SYMPOSIUM: ENDOSCOPY 2

Moderators

- Richard Condor
- Nurul Azwa Mohd Noor

ANATOMICAL AND PHYSIOLOGICAL CONSIDERATIONS IN A SUCCESSFUL STENOTIC ENDOSCOPIC DECOMPRESSION

- Rafael Bundoc (Philippines)

PERCUTANEOUS ENDOSCOPIC LUMBAR DISCECTOMY

- Zenya Ito (Japan)

FULL ENDOSCOPIC EN-BLOC FLAVECTOMY FOR LUMBAR SPINAL STENOSIS

- Gian Karlo Dadufalza (Philippines)

TYPICAL HURDLES AND TIPS: ENDOSCOPE-ASSISTED LUMBAR INTERBODY FUSION

- Jae-Hung Shin (Korea)

HOW TO EXTEND BEYOND THE LUMBAR SPINE

- Hyeun Sung Kim (Korea)

SCIENTIFIC PROGRAMME - ROOM 1 / SABAH ROOM

DAY 2: 21 JUNE 2025

2.30 PM - 3.30 PM

SYMPOSIUM: ENDOSCOPY 3 (APSS-MSS-PSS)

Moderators

- Gian Karlo Dadufalza
- Rafael Bundoc

DISCOVERING THE POTENTIAL OF UBE: A PERSONAL PERSPECTIVE

- Eric Astelo Opay Belarmino (Philippines, PSS)

UNIPORTAL VS BIPORTAL ENDOSCOPY: WHICH IS BETTER?

- Wu Pang Hung (Singapore)

ENDOSCOPIC FUSION IN ELDERLY

- Nurul Azwa Mohd Noor (Malaysia)

UNILATERAL BIPORTAL ENDOSCOPIC TLIF: POSTEROLATERAL VS TRANS-KAMBIN APPROACH

- Richard Condor (Philippines)

ENDOSCOPIC SPINE SURGERY IN SPINE TUMOUR: CRANIOCERVICAL TO SACRUM

- Elmer Jose Arevalo Meceda (Philippines)

3.30 PM - 4.10 PM

KEYNOTE

Moderators

- Hyeung-Sung Kim
- Zenya Ito

AI IN ENDOSCOPIC SPINE SURGERY: TRANSFORMING PRECISION AND PATIENT OUTCOMES

- Meng-Huang Wu (Taiwan)

INTEGRATING ROBOTICS, AI, ENDOSCOPY, AND NAVIGATION IN MINIMALLY INVASIVE SPINE SURGERY: A CLINICAL PERSPECTIVE ON EVOLVING TECHNOLOGIES

- John Choi (Australia)

4.10 PM - 4.30 PM

BREAK

4.30 AM - 5.30 PM

SYMPOSIUM: TECHNOLOGY IN SPINE SURGERY 2

Moderators

- John Choi
- Torphong Bunmaprasert

EMERGING SPINE TECHNOLOGIES IN 2025 – WHY (WHEN) DO WE NEED THEM?

- John Chen (Singapore)

ADOPTING ROBOTICS INTO THE PRACTICE OF A MASTER SURGEON

- Lim Beng Saw (Malaysia)

SCIENTIFIC PROGRAMME - ROOM 1 / SABAH ROOM

DAY 2: 21 JUNE 2025

POWERED ROBOTIC EXOSKELETONS FOR SPINAL CORD INJURY: FROM EXPERIMENTATION TO IMPLEMENTATION

- Paul Aarne Koljonen (Hong Kong)

NAVIGATION AND ROBOTICS: IS IT ALL JUST ABOUT SAFER SCREWS PLACEMENT?

- Dinh-Ngoc Son (Vietnam)

PITFALLS AND COMPLICATIONS OF USING EMERGING TECHNOLOGIES

- Yue Seng Chooi (Malaysia)

7.00 PM - 8.00PM

WELCOME RECEPTION

8.00 PM - 10.30 PM

GALA DINNER



SCIENTIFIC PROGRAMME - ROOM 2 / SARAWAK ROOM

DAY 2: 21 JUNE 2025

7.00 AM - 8.00 AM

MEET-THE-EXPERT: DEFORMITY

Moderators

- Tomohiko Hasegawa
- Kin Cheung Mak

CASE 1 | CASE 2 | CASE 3

Expert Case Presenters

- Jacob Oh (Singapore)
- Mitsuru Yagi (Japan)
- Yu Wang (China)

Panelists

- Abhay Nene
- Jacob Oh
- Keith Luk
- Mitsuru Yagi
- Paul Taylor
- Yu Wang
- Yukihiro Matsuyama
- Yong-Chan Kim

8.00 AM - 9.00 AM

SYMPOSIUM: LUMBAR DEGENERATIVE DISEASE (APSS-MSS-AOSPINE)

Moderators

- Umesh Srikantha
- Zamzuri Zakaria

TACKLING THE OSTEOPOROSIS MENACE IN LUMBAR DEGENERATIVE DISEASE

- Kenny Kwan (Hong Kong)

C-ARM FREE TECHNIQUE FOR LUMBAR DEGENERATIVE DISEASE: FROM ENDOSCOPIC DECOMPRESSION TO DEFORMITY CORRECTION

- Masato Tanaka (Japan)

HOW UNSTABLE IS UNSTABLE IN ADULT DEGENERATIVE DEFORMITY?

- Abhay Nene (India)

ANTERIOR SURGERY IN ADULT DEFORMITY: LET'S ROLL THEM OVER!

- Mitch Hansen (Australia)

SURGERY FOR ADULT SCOLIOSIS: ARE WE SHOOTING OVER THE MARK?

- Chung Chek Wong (Malaysia)

9.00 AM - 9.30 AM

ORATION (Proceed to Sabah Room)

9.30 AM - 10.00 AM

BREAK

10.00 AM - 11.00 AM

SYMPOSIUM: ADULT SPINAL DEFORMITY 1

Moderators

- Kyu-Jung Cho
- Niraj B Vasavada

RISK STRATIFICATION AND PREDICTIVE ANALYTICS IN ADULT SPINAL DEFORMITY

- Paul Taylor (Australia)

IMPACTS OF OSTEOPOROSIS ON ADULT SPINAL DEFORMITY SURGERY OUTCOMES

- So Kato (Japan)

STRATEGY FOR PREVENTING ADULT SPINAL DEFORMITY

- Masayuki Miyagi (Japan)

PRE-OPERATIVE PLANNING FOR ADULT SPINAL DEFORMITY PATIENTS WITH HIGH AND LOW PELVIC INCIDENCE

- Yu Yamato (Japan)

PROXIMAL JUNCTIONAL FAILURE: HOW HAS IT EVOLVED AND IN WHAT WAYS?

- Yong-Chan Kim (Korea)

SCIENTIFIC PROGRAMME - ROOM 2 / SARAWAK ROOM

DAY 2: 21 JUNE 2025

11.00 AM - 12.00 PM

SYMPOSIUM: ADULT SPINAL DEFORMITY 2 (APSS-JSSR)

Moderators

- So Kato
- Masayuki Miyagi

THE ROLE OF CERVICAL SAGITTAL ALIGNMENT IN SURGICAL PLANNING FOR ADULT SPINAL DEFORMITY

- Gabriel Liu (Singapore)

RISK FACTORS OF DISTAL JUNCTIONAL KYPHOSIS AFTER RECONSTRUCTION SURGERY FOR OSTEOPOROTIC VERTEBRAL FRACTURE

- Shinji Takahashi (Japan)

PREVENTION OF LUMBOSACRAL NONUNION IN ADULT SPINAL DEFORMITY

- Kyu-Jung Cho (Korea)

ADVANTAGE AND DISADVANTAGE OF SURGICAL TREATMENT FOR ADULT IDIOPATHIC SCOLIOSIS (ADIS) COMPARED WITH ADOLESCENT PATIENTS

- Hideki Shigematsu (Japan)

AUGMENTED AND MIXED REALITY APPLICATIONS IN SPINAL DEFORMITY SURGERY: ENHANCING PRECISION AND REDUCING FATIGUE

- Daisuke Sakai (Japan)

12.00 PM - 12.30 AM

LUNCH SYMPOSIUM BY BRAINLAB SALES MALAYSIA SDN. BHD

12.30 PM - 1.00 AM

LUNCH SYMPOSIUM BY AMGEN BIOPHARMACEUTICALS

1.00 PM - 1.25 AM

APSS GENERAL ASSEMBLY (FOR APSS MEMBER ONLY)

1.25 AM - 1.30 PM

ASIAN SPINE JOURNAL INTRODUCTION SESSION

- Sun-Kim Hak (Korea)

1.30 PM - 2.30 PM

SYMPOSIUM: ADULT SPINAL DEFORMITY 3

Moderators

- Yong-Chan Kim
- Yu Yamato

GOALS OF ADULT SPINAL DEFORMITY CORRECTION. DO WE NEED TO BE AGGRESSIVE ALL THE TIME?

- Umesh Srikantha (India)

SURGICAL TECHNIQUE FOR CORRECTION OF CORONAL IMBALANCE IN ADULT SPINAL DEFORMITY

- Mitsuru Yagi (Japan)

SURGICAL TECHNIQUE FOR PREVENTION OF LUMBOSACRAL NON-UNION IN ADULT SPINAL DEFORMITY

- Tomohiko Hasegawa (Japan)

SCIENTIFIC PROGRAMME - ROOM 2 / SARAWAK ROOM

DAY 2: 21 JUNE 2025

REVISION SURGICAL TECHNIQUE IN RIGID SAGITTAL MALALIGNMENT

- Chor Ngee Tan (Malaysia)

RECENT ADVANCES IN MINIMALLY INVASIVE TECHNIQUES FOR ADULT SPINAL DEFORMITY CORRECTION

- Niraj B Vasavada (India)

2.30 PM - 3.30 PM

SYMPOSIUM: PAEDIATRIC DEFORMITY 2 (SCOLIOSIS FOCUS GROUP) - SURGICAL TREATMENT FOR LENKE TYPE 5C CURVES

Moderators

- Shinji Takahashi
- Chih-Wei Chen

NATURAL HISTORY OF NON-OPERATIVE CASES AFTER SKELETAL MATURITY

- Hideki Shigematsu (Japan)

HOW DO I DETERMINE THE LIV LEVEL FOR LENKE 5?

- Yat Wa Wong (Hong Kong)

RISK FACTORS RELATED TO CORONAL IMBALANCE AFTER SURGERY

- Ajoy Prasad Shetty (India)

PREOPERATIVE PELVIC OLIQUITY: CAN WE IGNORE IT BEFORE SURGERY?

- Chih-Wei Chen (Taiwan)

LONG-TERM OUTCOMES OF LENKE TYPE 5C SURGERIES

- Leok Lim Lau (Singapore)

3.30 PM - 4.10 PM

KEYNOTE

Moderators

- Brian Hsu
- Jin-Hyok Kim

VERTEBRAL BODY TETHERING: FROM FUNDAMENTALS TO FUTURE INNOVATIONS

- Ahmet Alanay (Türkiye)

"TOUCHED VERTEBRA" AS LIV FOR LENKE 1A AIS CURVES: NANJING RULE VS LENKE-NEWTON RULE

- Yong Qiu (China)

4.10 PM - 4.30 PM

BREAK

4.30 AM - 5.30 PM

SYMPOSIUM: MINIMAL INVASIVE SPINE SURGERY 1 (ANTERIOR COLUMN RECONSTRUCTION FOCUS GROUP) - AVOIDANCE OF COMPLICATIONS IN LATERAL ACCESS SURGERY

Moderators

- Jason Cheung
- Dennis Hey

AS A LATERAL SURGEON, WHEN DO I STILL DO PLIFs/TLIFs?

- Hideyuki Arima (Japan)

SCIENTIFIC PROGRAMME - ROOM 2 / SARAWAK ROOM

DAY 2: 21 JUNE 2025

WHEN IS INDIRECT DECOMPRESSION FEASIBLE AND WHEN DO WE NEED A DECOMPRESSION?

- Worawat Limthongkul (Thailand)

AVOIDING PLEXUS OR OTHER NEUROLOGICAL INJURIES IN LATERAL SURGERY

- Reuben Soh (Singapore)

VASCULAR ACCESS: TROUBLESHOOTING AND AVOIDING INJURIES

- Brian Hsu (Australia)

DEALING WITH OSTEOPOROSIS AND TIPS FOR AVOIDING CAGE SUBSIDENCE

- Jacob Oh (Singapore)

7.00 PM - 8.00PM

WELCOME RECEPTION

8.00 PM - 10.30 PM

GALA DINNER



SCIENTIFIC PROGRAMME - ROOM 3 / KEDAH ROOM

DAY 2: 21 JUNE 2025

8.00 AM - 9.00 AM

FP 7: EMERGING TECHNOLOGIES

Moderators

- Alvin Pun
- Marazuki Haji Perwira

(644) PRENATAL COUNSELLING FOR SPINE ANOMALIES ALGORITHM OF MANAGEMENT FROM THE GENESIS TO TREATMENT

- Hriday Acharya

(725) ENABLING NEXT GENERATION SPINAL SURGERY WITH XR: APPELVISIONPRO'S POTENTIAL AND ONGOING CHALLENGES

- Wataru Narita

(828) THE UNSEEN WAVES: ULTRASONIC OSTEOTOMY DEVICES HAVE ADVERSE EFFECTS ON BONE HEALING AND CENTRAL NERVOUS SYSTEM FUNCTION

- Zonglin He

(888) COMPARATIVE PROSPECTIVE STUDY REPORTING INTRAOPERATIVE PARAMETERS, PEDICLE SCREW PERFORATION, AND RADIATION EXPOSURE IN NAVIGATION GUIDED VERSUS NON NAVIGATED FLUOROSCOPY ASSISTED MINIMAL INVASIVE TRANSFORAMINAL LUMBAR INTERBODY FUSION .

- Vishal Kundnani

(891) A DECADE WITH MICRO TUBULAR DECOMPRESSION": PERI OPERATIVE COMPLICATIONS AND SURGICAL OUTCOMES IN SINGLE AND MULTILEVEL LUMBAR CANAL STENOSIS

- Vishal Kundnani

(1116) COMPARATIVE COST EFFECTIVENESS AND SURGICAL TECHNIQUE COMPARATIVE ANALYSIS BETWEEN TWO ROBOT ASSISTED PLATFORMS IN MINIMALLY INVASIVE TRANSFORAMINAL INTERBODY FUSION (MIS TLIF).

- Tan Qing Hang

(1161) THE FLOW CHART AND CHECKLIST FOR TRANSCRANIAL MOTOR EVOKED POTENTIAL ALARM COULD REDUCE TRUE POSITIVE AND FALSE POSITIVE CASES: A PROSPECTIVE MULTICENTER STUDY

- Hideki Shigematsu

(1323) THE SINGAPORE SARCOPENIA INDEX: A CT BASED TOOL

- Joshua Decruz

(1351) IS CT NAVIGATION GUIDED OCCIPITAL CONDYLE SCREW PLACEMENT A SAFE AND EFFECTIVE OPTION IN OCCIPITOCERVICAL FIXATIONS: A FEASIBILITY STUDY USING 3 D PRINTED PATIENT SPECIFIC SPINE MODELS.

- Hideki Shigematsu

(1367) 3 D PRINTED PATIENT SPECIFIC SPINE MODELS AS SIMULATORS FOR DRY RUN SURGICAL SIMULATION: AN INNOVATIVE LOW COST ALTERNATIVE SOLUTION TO IMPROVE THE ACCURACY OF PEDICLE SCREW PLACEMENT IN COMPLEX SPINE DEFORMITY CORRECTION SURGERIES.

- Hideki Shigematsu

9.00 AM - 9.30 AM

ORATION (Proceed to Sabah Room)

9.30 AM - 10.00 AM

BREAK

10.00 AM - 11.00 AM

FP 8: CERVICAL SPINE DISORDERS

Moderators

- Kai Cao
- Azizul Akram Salim

SCIENTIFIC PROGRAMME - ROOM 3 / KEDAH ROOM

DAY 2: 21 JUNE 2025

(642) EXOSCOPIC MINIMALLY INVASIVE OPEN DOOR LAMINOPLASTY FOR CERVICAL MYELOPATHY

- Kentaro Yamane

(932) DIGITAL RISK PREDICTION MODEL FOR TRANSORAL SURGERY IN PATIENTS WITH ATLANTOAXIAL DISLOCATION AND SANDWICH FUSION

- Cheng Zhang

(1014) EFFICACY AND SAFETY OF PREOPERATIVE HALO VEST TRACTION FIXATION IN CORRECTIVE SURGERY FOR SEVERE CERVICAL KYPHOTIC DEFORMITIES.

- Howard Chen

(1058) MULTILEVEL DEVELOPMENTAL CERVICAL SPINAL STENOSIS – ITS DEFINITION IN MAGNETIC RESONANCE IMAGING

- Prudence Wing Hang Cheung

(1069) APPLICATION OF A THREE DIMENSIONAL SPATIAL PARAMETER BASED EVALUATION SYSTEM FOR ASSESSING REDUCTION DIFFICULTY IN POSTERIOR ATLANTOAXIAL SURGERY

- Cheng Zhang

(1125) TWO STAGED SURGERY FOR OSSIFICATION OF THE POSTERIOR LONGITUDINAL LIGAMENT THE SURGICAL STRATEGY OF ANTERIOR DECOMPRESSION SURGERY (ADS) AFTER POSTERIOR DECOMPRESSIVE SURGERY (PDS)

- Yoshiharu Kawaguchi

(1177) INTRA AND POST OPERATIVE MANAGEMENT OF CEREBROSPINAL FLUID LEAKAGE IN ANTERIOR SURGERY FOR CERVICAL OSSIFICATION OF THE POSTERIOR LONGITUDINAL LIGAMENT

- Xiongsheng Chen

(1178) HOW TO CHOOSE THE OPEN SIDE FOR UNILATERAL OPEN DOOR LAMINOPLASTY IN THE TREATMENT OF CERVICAL OSSIFICATION OF THE POSTERIOR LONGITUDINAL LIGAMENT?

- Yifan Tang

(1183) APPLICATION OF SELECTIVE LASER MELTING 3 D PRINTING POROUS TITANIUM ALLOY FUSION CAGE IN ANTERIOR CERVICAL DISCECTOMY AND FUSION OPERATION IN GOATS

- Dong Hu

(1236) ANALYSIS OF CLINICORADIOLOGICAL CHARACTERISTICS AND POSTOPERATIVE OUTCOME IN PATIENTS WITH CERVICOTHORACIC OPLL

- Ajoy Prasad Shetty

11.00 AM - 12.00 PM

FP9 : CERVICAL SPINE DISORDERS

Moderators

- Parthasarathy Srinivasan
- Rengsen Parthiban

(233) EFFECT OF LOW DOSE METHYLPREDNISOLONE IN PROMOTING NEUROLOGICAL FUNCTION RECOVERY AFTER SPINAL CORD INJURY: CLINICAL AND ANIMAL STUDIES

- Yu Zhang

(726) EVOLVING MINIMALLY INVASIVE TECHNIQUES IN CERVICAL MYELOPATHY: 3 CM INCISION OPEN DOOR LAMINOPLASTY AND EARLY CLINICAL DATA

- Wataru Narita

(884) ANTHROPOMETRIC EVALUATION FOR SURGICAL FEASIBILITY OF C1 C2 TRANS ARTICULAR (TAS) SCREW STABILIZATION IN INDIAN POPULATION

- Vishal Kundnani

(887) MINIMALLY INVASIVE MICROSCOPE ASSISTED STAND ALONE TRANSARTICULAR SCREW FIXATION WITHOUT GALLIE SUPPLEMENTATION IN THE MANAGEMENT OF MOBILE ATLANTOAXIAL INSTABILITY

- Vishal Kundnani

SCIENTIFIC PROGRAMME - ROOM 3 / KEDAH ROOM

DAY 2: 21 JUNE 2025

(1159) BIOMECHANICAL ANALYSIS COMPARISON OF DIFFERENT CERVICAL POSTERIOR FIXATION TECHNIQUES: A FINITE ELEMENT STUDY

- Wooseok Jung

(1222) OSTEONECROSIS OF CERVICAL SPINE IN PEDIATRIC PATIENT A RARE PRESENTATION OF SICKLE CELL DISEASE

- Hriday Acharya

(1294) THE ASSOCIATION OF MODIC CHANGE AND DISC ENDPLATE BONE MARROW COMPLEX CLASSIFICATION IN PATIENTS WITH CERVICAL DEGENERATIVE DISC DISEASE

- Shanmuganathan Rajasekaran

(1360) PREDICTORS OF OUTCOMES IN PATIENTS WITH DEGENERATIVE CERVICAL MYELOPATHY UNDERGOING SURGICAL TREATMENT: A PROSPECTIVE COHORT STUDY

- Aakash Jain

12.00 PM - 1.30 PM

BREAK

1.30 PM - 2.30 PM

FP 10: TUMOUR, INFECTION AND OTHER SPINAL DISORDERS

Moderators

- Saravanan Shanmugam
- Amir Fariz Zakaria

(641) DIFFUSE IDIOPATHIC SKELETAL HYPEROSTOSIS (DISH) IS A RISK FACTOR OF NEW ADJACENT COMPRESSION FRACTURE AFTER PERCUTANEOUS VERTEBROPLASTY

- Po-Wei Chen

(804) THE IMPACT OF SACRAL RESECTION ON PELVIC PARAMETERS – PELVIC INCIDENCE, SACRAL SLOPE AND PELVIC TILT

- Mohd Fikri Bin Razali

(825) THE ROLE OF CT HOUNSFIELD UNITS AS A PREDICTIVE FACTOR FOR PROGRESSION OF OSTEOPOROTIC THORACOLUMBAR FRACTURE AND ITS IMPLICATION FOR SURGICAL TREATMENT

- In-seok Son

(1006) ROLE OF MITOFUSIN 1 IN MITOCHONDRIAL QUALITY CONTROL AND THE ANTI INFLAMMATORY EFFECTS IN NUCLEUS PULPOSUS CELLS DURING INFLAMMATION INDUCED DEGENERATION

- Jae Won Shin

(1071) IMPACT OF RESTRICTED PROPHYLACTIC ANTIBIOTIC GUIDELINES ON SURGICAL SITE INFECTION RATES FOLLOWING SPINAL SURGERY: A NATIONWIDE COHORT ANALYSIS

- Hyung Youl Park

(1276) GLOBAL ALIGNMENT AND PROPORTION SCORE AS A PREDICTOR OF OUTCOMES IN PATIENTS WITH TUBERCULOSIS OF LUMBO SACRAL SPINE.

- Arkadip Chakraborty

(1293) DOES THE LENGTH OF THE INTERMEDIATE PEDICLE SCREW INFLUENCE OUTCOME IN UNSTABLE THORACOLUMBAR BURST FRACTURES? – A PROSPECTIVE RANDOMISED STUDY

- Karthik Ramachandran

(1300) IS POSTERIOR FIXATION ALONE WITHOUT ANTERIOR FUSION AN EFFECTIVE TREATMENT OF ANDERSSON LESION IN ANKYLOSING SPONDYLITIS?

- Samir Dalvie

(1329) SURVIVAL IN METASTATIC SPINE DISEASE EXPERIENCE OF A SINGLE CENTRE TESTING THE PREDICTIVE ABILITY OF MODERN DAY SCORING SYSTEMS.

- Rohan Gala

(1359) CLINICAL COMPARISON OF SPINAL HEMANGIOBLASTOMAS ASSOCIATED WITH VON HIPPEL LINDAU DISEASE AND SPORADIC SPINAL HEMANGIOBLASTOMAS

- Tomohiko Hasegawa

SCIENTIFIC PROGRAMME - ROOM 3 / KEDAH ROOM

DAY 2: 21 JUNE 2025

2.30 PM - 3.30 PM

FP 11: TUMOUR, INFECTION AND OTHER SPINAL DISORDERS

Moderators

- Asrafi Rizki Gatam
- Brian Teo Yian Young

(398) ANALYSIS OF THE EFFICACY OF SEPARATION SURGERY FOR SEVERE NEUROLOGICAL COMPRESSION IN MULTIPLE MYELOMA: A RETROSPECTIVE ANALYSIS OF 35 CASES

- Junpeng Liu

(470) SAFETY AND EFFICACY OF ANTERIOR COLUMN RECONSTRUCTION WITH BONE CEMENT (PMMA) IN SPINAL METASTASIS SURGERY

- Yuan Shun Lo

(603) CAN CONTINUOUS LOCAL ANTIBIOTIC PERFUSION CONTROL SURGICAL SITE INFECTION AFTER SPINAL INSTRUMENTED SURGERY WITH IMPLANT RETENTION? A RETROSPECTIVE MULTICENTER STUDY

- Hiroshi Takahashi

(628) PATHOMECHANISM OF SACROILIAC JOINT DISORDER AS AN INDICATION FOR POSTERIOR SACROILIAC JOINT FUSION SURGERY: INSIGHTS FROM POSTOPERATIVE OUTCOMES

- Daisuke Kurosawa

(1019) TREATMENT STRATEGIES FOR THORACOLUMBAR BURST FRACTURE: A SIX YEAR RETROSPECTIVE STUDY OF CLINICAL AND RADIOLOGICAL OUTCOME IN 320 PATIENTS

- NESTA Enggra

(1057) POSTERIOR FIXATION WITH VERTEBROPLASTY FOR OSTEOPOROTIC VERTEBRAL FRACTURES AT THE THORACOLUMBAR JUNCTION: A COMPARATIVE STUDY OF THE PERCUTANEOUS AND CONVENTIONAL OPEN PEDICLE SCREW FIXATION

- Ryo Sasaki

(1107) NOVEL USE OF COMBINED SPINAL AND ERECTOR SPINAE PLANE BLOCK FOR LONG SEGMENT THORACOLUMBAR FUSION: A FIRST IN MALAYSIA

- Teh Kai Hean

(1258) NEED OF ANTERIOR COLUMN RECONSTRUCTION IN SPINAL TUBERCULOSIS: OBLIGATION OR OVERKILL?

- Aman Verma

(1348) ANALYSIS OF THE INCIDENCE OF POSTOPERATIVE COMPLICATIONS AND RISK FACTORS IN PALLIATIVE SURGERY FOR METASTATIC SPINAL TUMORS

- Yuki Okamura

3.30 PM - 4.10 PM

FP 12: LUMBAR DEGENERATIVE DISEASE

Moderators

- Paul Aarne Koljonen
- Hezery Harun

(693) THE PATIENT REPORTED OUTCOMES OF POSTOPERATIVE PROSTAGLANDIN E1 DERIVATIVE IN LUMBAR SPINE SURGERY: A RANDOMIZED, DOUBLE BLIND, CONTROLLED TRIAL

- Worawat Limthongkul

(727) IS CONGENITAL LUMBAR SPINAL CANAL STENOSIS A CONTRAINDICATION FOR INDIRECT DECOMPRESSION BY LATERAL LUMBAR INTERBODY FUSION (LLIF)?

- Thada Nashinoros

(735) MORPHOLOGY OF RETROPERITONEAL VASCULAR CORRIDOR FOR ANTERIOR TO PSOAS ACCESS TO L2 S1 INTERVERTEBRAL DISC: AN MRI STUDY WITH CLINICAL CORRELATION

- Erwin Ardian Noor

SCIENTIFIC PROGRAMME - ROOM 3 / KEDAH ROOM

DAY 2: 21 JUNE 2025

(773) EFFECT OF FACET JOINT DEGENERATION TO CLINICAL AND RADIOLOGICAL OUTCOMES AFTER OBLIQUE LUMBAR INTERBODY FUSION (OLIF).

- Worawat Limphongkul

(852) COMPARISON OF CLINICAL AND RADIOLOGICAL OUTCOMES OF ULTRASONOGRAFI AND FLOROSCOPY GUIDED ON LUMBAR SELECTIVE NERVE ROOT BLOCK: A RANDOMIZED CLINICAL TRIAL NON BLINDED

- Muh Tri Nugroho Fahrudin

(974) TREATMENT SATISFACTION SURVEY IN PATIENTS TREATED WITH CONSERVATIVE THERAPY FOR OSTEOPOROTIC VERTEBRAL FRACTURES

- Yuto Kobayashi

(1012) 'CAN THEY GO HOME?' : A NOVEL EARLY SCORING SYSTEM FOR PREDICTING COMMUNITY HOSPITAL ADMISSION AFTER LUMBAR FUSION

- Ramkumar Mohan

(1299) IS AGE JUST A NUMBER? A STUDY OF PERIOPERATIVE MORBIDITY AND LONG TERM OUTCOMES OF LUMBAR SPINE SURGERY IN 103 PATIENTS AGED ABOVE 70 YEARS WITH DEGENERATIVE LUMBAR DISORDERS

- Samir Dalvie

(1388) GLOBAL ALIGNMENT AND PROPORTION SCORE AS A PREDICTOR OF OUTCOMES IN PATIENTS UNDERGOING LUMBAR DECOMPRESSION AND FUSION SURGERIES

- Arkadip Chakraborty

4.10 PM - 4.30 PM

BREAK

4.30 PM - 5.30 PM

FP 13: LUMBAR DEGENERATIVE DISEASE

Moderators

- Keiji Nigata
- Thuraikumar A/L Kanniah

(719) BIOMARKERS IN CEREBROSPINAL FLUID OF PERSISTENT NEUROPATHIC PAIN AFTER LUMBAR STENOSIS SURGERY

- Kihyun Kwon

(834) TECHNICAL REPORT: MINIMALLY INVASIVE TUBULAR TRANS ISTHMUS OBLIQUE APPROACH FOR UPPER LUMBAR DISC HERNIATION

- Niraj Vasavada

(1020) PREVALENCE AND IMPACT OF INCIDENTAL THORACIC SPINAL STENOSIS IN PATIENTS UNDERGOING LUMBAR FUSION SURGERY

- Jeremy Lim Tze En

(1238) LOCAL VANCOMYCIN POWDER IMPREGNATED WITH AUTOGENOUS BONE GRAFT AND BONE SUBSTITUTE MAY DECREASE DEEP SURGICAL SITE INFECTION IN ELECTIVE LUMBAR INSTRUMENTED FUSION SURGERY FOR DEGENERATIVE DISEASES: A PROSPECTIVE RANDOMIZED TRIAL

- Shih-Tien Wang

(1240) LOWER PREOPERATIVE HOUNSFIELD UNIT VALUES AS A RISK FACTOR FOR POOR 5 YEAR CLINICAL OUTCOMES AFTER LUMBAR SPINE SURGERY

- Hiroshi Taniwaki

(1270) LEARNING CURVE AND OUTCOMES OF O ARM MINIMALLY INVASIVE TRANSFORAMINAL LUMBAR INTERBODY FUSION

- Karthik Ramachandran

(1297) AN 'INTEGRATED TOTAL ENDPLATE SCORE' TO IDENTIFY PRECLINICAL DISCS AT RISK FOR DEGENERATION - AN ANALYSIS BASED ON FLASH SEQUENCE

- Shanmuganathan Rajasekaran

(827) RECONSTRUCTION SURGERY FOR IATROGENIC FLATBACK (≤ 3 LEVEL FUSION): INDICATIONS FOR PEDICLE SUBTRACTION OSTEOTOMY

- XiongJie Li

SPINE RAPID FIRE PODIUM

DAY 2: 21 JUNE 2025

8.00 AM - 9.00 AM

RAPID FIRE 7

Moderator

- Choong Hoon Foo

(265) EVALUATING THE EFFICACY AND SAFETY OF HALO FEMORAL TRACTION AND HALO GRAVITY TRACTION TECHNIQUES IN SEVERE KYPHOSCOLIOSIS WITH SPINAL CORD RISK CLASSIFICATION (SCRC) TYPE 3 OVER THE APEX.

- Yuan Shun Lo

(266) THE IMPACT OF SAGITTAL VERTICAL AXIS (SVA) ON PELVIC INCIDENCE VARIATION AND TRANSLATION MECHANISM IN ADULT SAGITTAL DEFORMITY

- Yuan Shun Lo

(500) PROXIMAL JUNCTIONAL KYPHOSIS/FAILURE PREDICTION BASED ON IMAGING FEATURES: THE ROLE OF MRI BASED VERTEBRAL BONE QUALITY, CT BASED HOUNSFIELD UNITS, AND SAGITTAL VERTICAL AXIS IN ADULT DEGENERATIVE SCOLIOSIS

- Honghao Yang

(663) A STUDY ON THORACIC MORPHOMETRY USING CT AND THE INCIDENCE OF PROXIMAL JUNCTIONAL FRACTURES AT DIFFERENT LEVELS IN ADULT SPINAL DEFORMITY PATIENTS

- Shin Oe

(676) INITIAL RESULTS OF IDIOPATHIC SCOLIOSIS TREATMENT BY CONVEX CORRECTION TECHNIQUE

- Nhan Trung Nguyen

(732) A SIMPLE PROTOCOL TO IMPROVE THE EFFICIENCY OF SUPINE SIDE BENDING FILM IN ADOLESCENT IDIOPATHIC SURGERY

- Weera Chaiyamongkol

(809) MANAGEMENT OF EARLY ONSET SCOLIOSIS BY TRADITIONAL DUAL GROWING RODS

- Nguyen Hoang Trung

(913) SURGICAL TREATMENT OF SCOLIOSIS IN NEUROFIBROMATOSIS TYPE 1: A SINGLE CENTER EXPERIENCE

- Yiming Zheng

(931) TREATMENT OF DEGENERATIVE LUMBAR SCOLIOSIS WITH EXTREME LATERAL INTERBODY FUSION SURGERY

- Hoang Huu Duc

(945) THE RELATIONSHIP BETWEEN FAILURE OF PELVIC RESTORATION AND HAMSTRING TIGHTNESS AFTER ADULT SPINE DEFORMITY SURGERY.

- Ho Joong Kim

(1083) PERIOPERATIVE OUTCOMES OF POSTERIOR SPINAL FUSION USING 3 ROD TECHNIQUE IN SEVERE ADOLESCENT IDIOPATHIC SCOLIOSIS (COBB ANGLE $\geq 90^\circ$) WITH LENKE 5 AND 6 CURVE TYPES

- Zhi Sean Teng

(1103) PERIODIC PADDING ADJUSTMENT WITH RIGO CHENEAU ORTHOSIS RESULTS IN CURVE REGRESSION IN MILD ADOLESCENT IDIOPATHIC SCOLIOSIS

- Francis Pekdasen M. Solang

(1150) TRANSIENT NEGATIVE SAGITTAL BALANCE AFTER ADULT SPINAL DEFORMITY CORRECTION: RISK FACTORS AND PREVENTION

- Truc Vu

(1166) POST OPERATIVE MEDIAL/ LATERAL SHOULDER AND NECK IMBALANCE AND ITS PREDICTORS IN LENKE TYPE 5 IDIOPATHIC SCOLIOSIS (IS) PATIENTS WHO UNDERWENT SELECTIVE LUMBAR FUSION

- Jo Yi Cheong

(1181) ACTIONABILITY OF MOLECULAR FINDINGS IN SPINAL DEFORMITIES

- Nan Wu

SPINE RAPID FIRE PODIUM

DAY 2: 21 JUNE 2025

(1199) THE USE OF INTRAOPERATIVE CROSSBAR BALANCING TO PREVENT POSTOPERATIVE CORONAL DECOMPENSATION IN ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS) PATIENTS WITH MAJOR LUMBAR (LENKE TYPE 5 AND 6) CURVES

- Leong Van Jet

(1237) CURVE MAGNITUDE AND VERTEBRAL ROTATION INFLUENCES THE MRI PREDICTABILITY OF PEDICLE DIMENSIONS IN ADOLESCENT IDIOPATHIC SCOLIOSIS – AN ANALYSIS OF 1,860 PEDICLES

- Ajoy Prasad Shetty

(1247) CHANGES IN SPINOPELVIC PARAMETERS IN CHILDREN WITH LENKE TYPE 1 AND 2 ADOLESCENT IDIOPATHIC SCOLIOSIS AFTER POSTERIOR SPINAL INSTRUMENTATION AND FUSION

- Arun Prakas P J

(1289) VERSATILITY OF DOMINO CONNECTOR IN SEVERE KYPHOSCOLIOSIS DEFORMITY CORRECTION AND OSTEOTOMY REDUCTION

- Ajoy Prasad Shetty

(1310) SCOLIOSIS CARE : DOES SURGEON GENDER MATTERS?

- Wooi Eileen

9.30 AM - 10.00 AM

BREAK

10.00 AM - 11.00 AM

RAPID FIRE 8

Moderator

- Hezery Harun

(364) PRECISE EXECUTION OF PERSONALIZED SURGICAL PLANNING USING THREE DIMENSIONAL PRINTED GUIDE TEMPLATE IN SEVERE AND COMPLEX ADULT SPINAL DEFORMITY PATIENTS REQUIRING THREE COLUMN OSTEOTOMY: A RETROSPECTIVE, COMPARATIVE MATCHED COHORT STUDY

- Honghao Yang

(366) A MAGNETIC RESONANCE IMAGING (MRI) STUDY OF THE SPINAL CORD'S ANATOMICAL LOCATION IN ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS) PATIENTS

- Rhy Wong

(466) A MODIFIED METHOD FOR RECONSTRUCTION OF POSTERIOR TIBIAL TENDON AFTER RESECTION OF JUVENILE PAINFUL TYPE II ACCESSORY NAVICULAR

- Jie Wen

(469) THE IMPACT OF SAGITTAL VERTICAL AXIS (SVA) AND AGE ON PELVIC INCIDENCE VARIATION AND TRANSLATION MECHANISM IN ADULT SAGITTAL DEFORMITY

- Yuan Shun Lo

(606) COULD THE MODIFIED UNDERARM BRACE (OMC BRACE) SUPPRESS THE PROGRESSION OF SCOLIOSIS MORE THAN THE CONVENTIONAL OMC BRACE?

- Takahiro Mui

(640) PHYSIOLOGICAL ROTATION PATTERNS OF THE THORACOLUMBAR SPINE ACROSS DIFFERENT AGES: A DETAILED ANALYSIS USING UPRIGHT CT

- Ryo Mizukoshi

(766) AXIAL PARAMETERS AS PREDICTORS FOR CORONAL CORRECTION AND VERTEBRAL DEROTATION IN VERTEBRAL BODY TETHERING

- Chan Kai Chun Augustine

(823) SURGICAL STRATEGY ORIENTED CLASSIFICATION FOR THE PATIENTS WITH SEVERE DYNAMIC SAGITTAL IMBALANCE

- Billy Francis Yu Hung

(824) DECISION OF PEDICLE SUBTRACTION OSTEOTOMY VERTEBRA IN SURGICAL CORRECTION FOR ANKYLOSING SPONDYLITIS WITH THORACOLUMBAR KYPHOSIS

- Xiong Jie Li

SPINE RAPID FIRE PODIUM

DAY 2: 21 JUNE 2025

(849) PATIENTS WITH A T1 SLOPE $\geq 40^\circ$ DEVELOP DETERIORATING ALIGNMENT IN THE NON FUSED VERTEBRAE FIVE YEARS AFTER SURGERY.

- Yusuke Murakami

(854) THE SAFETY AND EFFICACY OF THE POSTEROANTERIOR APPROACH FOR DEBRIDEMENT AND RECONSTRUCTION IN TREATING CONSECUTIVE MULTI SEGMENT NON HEALED THORACOLUMBAR TUBERCULOSIS KYPHOSIS

- Zhenhai Zhou

(953) EARLY SURGICAL OUTCOME OF EARLY ONSET SCOLIOSIS CORRECTION WITH THE GUIDED GROWTH TECHNIQUE (A MODIFIED SHILLA TECHNIQUE)

- To Van Quynh

(1098) GROWING ROD SURGERY FOR EARLY ONSET SCOLIOSIS IN CHILDREN: MID TERM OUTCOMES FROM A TERTIARY CENTER IN TAIWAN

- Han Jin, Liu

(1110) KYPHOSIS CORRECTION FOR OSTEOPOROTIC VERTEBRAL FRACTURES (OVF) AFTER PERCUTANEOUS CEMENT VERTEBROPLASTY WITH MINIMALLY INVASIVE STABILIZATION (PCV MIST)

- Teng Zhi Sean

(1191) PERIODIC PADDING ADJUSTMENT WITH RIGO CHÊNEAU ORTHOSIS RESULTING IN CURVE REGRESSION IN PATIENTS WITH MODERATE ADOLESCENT IDIOPATHIC SCOLIOSIS

- Melissa Ann Galope

(1255) EVALUATION OF SAGITTAL SPINOPELVIC ALIGNMENT IN A MULTIETHNIC MALAYSIAN POPULATION USING THE EOS LOW DOSE RADIATION IMAGING SYSTEM

- Afif Abdul Latiff

(1267) THE TIMING OF BRACE WEANING FOR ADOLESCENT IDIOPATHIC SCOLIOSIS USING THE THUMB OSSIFICATION COMPOSITE INDEX CLASSIFICATION

- Melissa Ann Galope

(1315) PERIOPERATIVE OUTCOME AND COMPLICATIONS IN ADOLESCENT IDIOPATHIC SCOLIOSIS: PROPENSITY SCORE MATCHING STUDY OF BMI IN AIS PATIENTS

- Josephine Rebecca Chandren

(1332) TRANSFORMATIVE SURGICAL SOLUTIONS FOR ADOLESCENT IDIOPATHIC SCOLIOSIS: ACHIEVING OPTIMAL OUTCOMES WITH MINIMAL INSTRUMENTATION

- Md. Shah Alam

(1375) FEASIBILITY AND OUTCOMES OF POSTERIOR ONLY HEMIVERTEBRA RESECTION, DEFORMITY CORRECTION AND SHORT SEGMENT FUSION IN CONGENITAL KYPHOSCOLIOSIS USING 3 D PRINTED PATIENT SPECIFIC SPINE MODELS AS DRY RUN SURGICAL SIMULATORS.

- Aju Bosco

11.00 AM - 12.00 PM

RAPID FIRE 9

Moderator

Thuraikumar A/L Kanniah

(635) THREE DIMENSIONAL ANALYSIS OF PELVIC BALANCE IN LUMBOSACRAL DEFORMITY

- Kai Yang

(683) 3 D PRINTED VERTEBRAL BODY FOR SPINAL RECONSTRUCTION IN PATIENTS WITH CONGENITAL SPINAL DEFORMITY

- Chuang Qian

(741) SELECTIVE THORACIC FUSION (STF) IN AIS: 5 YEAR OUTCOMES IN LENKE 1 B/1 C AND 2 B/2 C PATIENTS USING ALL PEDICLE SCREW CONSTRUCTS

- Tan Shun Herng

(803) DO RADIOLOGICAL MEASUREMENTS CORRELATE WITH PATIENT PERCEIVED POST OPERATIVE SHOULDER IMBALANCE FOLLOWING POSTERIOR SPINAL FUSION FOR AIS?

- Anand Kumar Ramalingam

SPINE RAPID FIRE PODIUM

DAY 2: 21 JUNE 2025

(818) A STAGED OLIF APPROACH CAN MINIMIZE CONSTRUCT LENGTHS IN ADULT SPINAL DEFORMITY A CASE SERIES AND LITERATURE REVIEW

- Guna Pratheep Kalanchiam

(831) KEY CONSIDERATIONS FOR THE PREVENTION OF PROXIMAL JUNCTIONAL KYPHOSIS FOLLOWING ADULT SPINAL DEFORMITY SURGERY: A LITERATURE REVIEW

- Zikrina Abyanti Lanodiyu

(836) BIOMECHANICAL EFFECTS OF CEMENT AUGMENTATION AND VERTEBROPLASTY ON ADJACENT SEGMENT STABILITY IN MULTILEVEL SPINAL FUSION : FINITE ELEMENT ANALYSIS

- Jaewan Shin

(845) ADOLESCENT IDIOPATHIC SCOLIOSIS TENDS TO BE ASSOCIATED WITH THE FLATTENED THORAX AND THE SHIFTED HEART

- Yuki Mihara

(847) A CASE OF DISTAL JUNCTIONAL FAILURE IN TRADITIONAL GROWING ROD FOR EARLY ONSET SCOLIOSIS

- Tan Shihui

(859) THE VALIDATION AND RESPONSIVNESS ASSESSMENT OF TRADITIONAL CHINESE VERSION OF THE EARLY ONSET SCOLIOSIS SELF REPORT QUESTIONNAIRE (EOSQ SELF)

- Prudence Wing Hang Cheung

(868) ASSOCIATION BETWEEN SCOLIOSIS AND IRRITABLE BOWEL SYNDROME: A BI DIRECTIONAL MENDELIAN RANDOMIZATION STUDY

- Shuaijun Jia

(889) POSTERIOR APPROACH SINGLE LEVEL APICAL SPINAL OSTEOTOMY IN PEDIATRIC PATIENTS FOR SEVERE RIGID KYPHOSCOLIOSIS: LONG TERM CLINICAL AND RADIOLOGICAL OUTCOMES

- Vishal Kundnani

(898) CLINICAL OUTCOMES OF ROBOT ASSISTED PEDICLE SCREW INSTRUMENTATION FOR ADOLESCENT IDIOPATHIC SCOLIOSIS

- Dinh Ngoc Son

(967) SINGLE STAGE VERTEBRAL COLUMN RESECTION (VCR) AND RECONSTRUCTION: A STANDARD OPTION IN CORRECTION OF KYPHO SCOLIOTIC DEFORMITY DUE TO HEMIVERTEBRAE

- Md. Anowarul Islam

(971) SINGLE STAGE POSTERIOR VERTEBRAL COLUMN RESECTION (PVCR) FOR THE CORRECTION OF RIGID & SEVERE SPINAL DEFORMITY AN ANALYSIS OF 28 CASES

- Sharif Ahmed Jonayed

(976) DOES HI POAD TECHNIQUE WORK FOR CONGENITAL SCOLIOSIS: A SINGLE CENTRE CASE SERIES

- Akashdeep Singh Bali

(1065) THE ASYMMETRIC PEDICLE SUBTRACTION OSTEOTOMY (APSO) RADIOLOGICAL AND CLINICAL OUTCOMES OF THE APSO IN CORRECTION OF COMBINED GLOBAL SAGITTAL AND CORONAL IMBALANCE

- Kunal Chanji

(1184) ANTI OSTEOPOROSIS IS IMPERATIVE IN PREVENTION OF PROGRESS OF ANKYLOSING SPONDYLITIS

- Zhengi Zhu

(1261) ONE STAGE POSTERIOR ONLY L5 VERTEBRAL COLUMN RESECTION FOR SPONDYLOPTOSIS: CASE SERIES

- Yanzhe Wei

SPINE RAPID FIRE PODIUM

DAY 2: 21 JUNE 2025

1.00 PM - 1.30 PM

BREAK

1.30 PM - 2.30 PM

RAPID FIRE 10

Moderator

- Jin Aun Tan

(497) DISTAL INSTRUMENTATION RELATED PROBLEMS FOLLOWING LONG INSTRUMENTED SPINAL FUSION FOR DEGENERATIVE LUMBAR SCOLIOSIS: A RETROSPECTIVE COHORT STUDY

- Honghao Yang

(563) A POSTERIOR ONLY APPROACH FOR TREATMENT OF ADOLESCENT IDIOPATHIC SCOLIOSIS USING PEDICLE SCREW FIXATION OUR EXPERIENCE

- Shahzaib Riaz Baloch

(597) ROLE OF SOMATOSENSORY EVOKED POTENTIAL (SSEP) IN ENHANCING INTRAOPERATIVE NEUROMONITORING FOR SPINAL DEFORMITY SURGERY RESULTS FROM A PROSPECTIVE MULTICENTER STUDY

- So Kato

(802) LONG TERM RESULTS AFTER ADULT SPINAL DEFORMITY SURGERY TIMING AND FREQUENCY OF REVISION SURGERY FOR MECHANICAL COMPLICATIONS

- Hideyuki Arima

(806) THE CHANGES OF MUSCLE CHARACTER DURING TREATMENT OF ADOLESCENT IDIOPATHIC SCOLIOSIS

- Vo Van Khoa

(808) USE OF POSTERIOR DECOMPRESSION INSITU INSTRUMENTED FUSION WITH FIBULA STRUT GRAFTS IN TREATMENT OF HIGH GRADE SPONDYLOLISTHESIS L5/S1 REPORT OF 4 CASES WITH MINIMUM 5 YEARS FOLLOW UP

- Amanda Weng Yee Leong

(899) POSTOPERATIVE SAGITTAL ALIGNMENT CHANGES IN ADOLESCENT IDIOPATHIC SCOLIOSIS PATIENTS WITH THORACIC LORDOSIS.

- Shuzo Kato

(952) CHANGES IN THE PREVALENCE TREND OF IDIOPATHIC SCOLIOSIS AND ITS CORRELATION WITH THE BIRTH RATE IN THE REPUBLIC OF KOREA: AN ANALYSIS OF DATA FROM THE SCHOOL SCOLIOSIS SCREENING PROGRAM

- Jun Hyun Kim

(990) A THREE YEAR LONGITUDINAL COHORT STUDY ON THE PERIPUBERTAL CHANGES IN BONE QUALITIES AND MICROARCHITECTURE PHENOTYPE TRAJECTORY AND ITS CLINICAL IMPLICATIONS IN GIRLS WITH ADOLESCENT IDIOPATHIC SCOLIOSIS

- Kenneth Guangpu Yang

(1001) SINGLE STAGE DEFORMITY CORRECTION IN ANKYLOSING SPONDYLITIS: A CASE REPORT

- Ivan Alexander Liando

(1004) HARDWARE FAILURE IN SPINOPELVIC FIXATION IN ADULT DEGENERATIVE SCOLIOSIS: SINGLE CENTER RETROSPECTIVE STUDY

- Saikrishna B. Rengerla

(1129) A COMPARATIVE ANALYSIS OF 4 , 12 AND 24 HOUR INTERVALS OF DRAIN CLAMPING REDUCES POSTOPERATIVE BLOOD LOSS FOLLOWING POSTERIOR SPINAL SURGERY IN ADOLESCENT IDIOPATHIC SCOLIOSIS: A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL

- Tinnakorn Pluemvitayaporn

SPINE RAPID FIRE PODIUM

DAY 2: 21 JUNE 2025

(1185) THE IMPACT OF HALO PELVIC TRACTION ON DEFORMITY CORRECTION AND BONE MINERAL DENSITY IN PATIENTS WITH SEVERE SPINE DEFORMITY

- Zhenqi Zhu

(1193) COMPARISON BETWEEN RIGHT AND LEFT THORACIC MUSCLES BULK IN LENKE TYPE 1 AND 2 ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS) PATIENTS

- Teh Ban Heng

(1320) SINGLE PRONE POSITION CORRECTION VERSUS POSTERIOR SUBTRACTION OSTEOTOMY FOR POST TRAUMATIC THORACOLUMBAR KYPHOSIS: A COMPARATIVE ANALYSIS OF SURGICAL EFFICIENCY AND OUTCOMES

- Hua Yong Tay

(1336) BEYOND THE HUNCH: NAVIGATING THE LANDSCAPE OF POST TB KYPHOSIS

- Shah Alam

(1349) WHICH EVALUATION OF SKELETAL MATURITY SHOULD WE USE TO PREVENT ADDITIONAL CURVE PROGRESSION AFTER WEANING BRACE? – PRELIMINARY REPORT OF AN APSS SCOLIOSIS FOCUS GROUP STUDY

- Chih Wei Chen

(1362) STRATEGIC TRANSFORAMINAL LUMBAR INTERBODY FUSION AND LONG SEGMENT FIXATION IN ADULT DEGENERATIVE SCOLIOSIS: IMPACT ON SPINOPELVIC ALIGNMENT AND CLINICAL OUTCOMES

- Aakash Jain

(1395) MAGNETICALLY CONTROLLED GROWING RODS IN TREATMENT OF EARLY ONSET SCOLIOSIS NORTHERN EXPERIENCE OUR EXPERIENCE

- Vilashenan A/L Sivanasvaran

(1402) ROLE OF PREOPERATIVE HALO GRAVITY TRACTION IN MANAGEMENT OF PEDIATRIC SEVERE SPINAL DEFORMITIES

- Prof Tarun Suri

2.30 PM - 3.30 PM

RAPID FIRE 11

Moderator

- Zaim Thajudeen

(133) PROTEOMIC ANALYSIS OF BRAIN INJURY MECHANISM IN ACUTE TRANEXAMIC ACID POISONING RAT MODEL

- Bobo Zhang

(166) THE COMPLICATIONS ASSOCIATED WITH EARLY DEEP SURGICAL SITE INFECTION FOLLOWING LUMBAR SPINAL SURGERY

- Ngoc Quyen Nguyen

(629) EVALUATING THE EFFICACY OF SEPARATION SURGERY COMPARED TO PALLIATIVE DECOMPRESSION SURGERY FOLLOWED BY EXTERNAL BEAM RADIOTHERAPY IN SPINAL METASTASIS: A SURVIVAL ANALYSIS AT 6 AND 12 MONTHS.

- Nakarin Nimpisut

(631) COMPARISON OF OUTCOMES BETWEEN TOTAL EN BLOC SPONDYLECTOMY AND PALLIATIVE SPINAL SURGERY IN METASTATIC SPINAL TUMOR PATIENTS: PROPENSITY SCORE MATCHING ANALYSIS

- Danaya Yodsuwan

(678) EMPIRICAL SECOND LINE THERAPY IN DRUG RESISTANT SPINAL TUBERCULOSIS: IS DRUG SENSITIVITY IMPERATIVE?

- Aman Verma

(688) TRIUMPH OVER TETRAPARESIS: A CASE OF PEDIATRIC EXTENSIVE SPINAL EPIDURAL ABSCESS

- Che Mohd Hanif Che Mat

SPINE RAPID FIRE PODIUM

DAY 2: 21 JUNE 2025

(700) EVALUATING DIAGNOSTIC AND PROGNOSTIC FACTORS FOR SPINAL TUBERCULOSIS

- Prashant Adhikari

(706) LOW BACK PAIN AND NECK PAIN IN PARAGLIDING PILOTS

- Subash Chandra Jha

(708) SURGICAL OUTCOME FOLLOWING SPINAL METASTASIS WITH SPINAL CORD COMPRESSION WITH NEUROLOGICAL DEFICIT. ANALYSIS OF SURVIVAL, FUNCTIONAL OUTCOME AND COMPLICATION.

- Asrul Syamin Hisyam Yong

(835) FACTORS PREDICTING NEUROLOGICAL DETERIORATION IN PATIENTS WITH SPINAL TUBERCULOSIS – AN OBSERVATIONAL STUDY

- Mary Ruth Alfonso Padua

(857) REVOLUTIONIZING CARE FOR TRAUMATIC CERVICAL SPINAL CORD INJURY: THE INTEGRATION OF EXPANSION DUROPLASTY IN POSTERIOR DECOMPRESSION – A CASE REPORT

- Piedad, Katrina Angelie

(890) DIAGNOSTIC EFFICACY, SENSITIVITY, AND SPECIFICITY OF GENE XPERT MTB/RIF ASSAY FOR SPINAL TUBERCULOSIS

- Vishal Kundnani

(964) FUNCTIONAL OUTCOME OF POSTERIOR SCREWS AND ROD FIXATION FOR UPPER CERVICAL SPINE INJURIES: A RETROSPECTIVE STUDY

- Rajesh Kumar Chaudhary

(982) FLUOROSCOPE GUIDED PERCUTANEOUS CEMENT AUGMENTATION FOR SELECTED PROXIMAL JUNCTIONAL FAILURE

- Tsai Sheng Fu

(1090) SPINAL GOUT PRESENTING AS A LUMBAR EPIDURAL MASS LESION: A CASE REPORT AND LITERATURE REVIEW

- Dong Hu

(1155) OUTCOME OF CONSERVATIVE TREATMENT FOR SPONDYLODISCITIS IN MALAYSIAN ADULTS

- Dinesh Rajandran

(1165) EVALUATING THE ROLE OF BIOLOGICAL AGE IN OSTEOPOROSIS RISK AMONG MIDDLE AGED AND OLDER ADULTS: A NATIONWIDE PERSPECTIVE

- Guomao Zhu

(1244) VERTEBRAL BODY STENTING AS STAND ALONE TREATMENT IN AO DGOU OF 3 AND 4 FRACTURES

- Kim Soon Oh

(1371) LOW CIRCULATORY LEVELS OF TOTAL CHOLESTEROL AND HDL ARE ASSOCIATED WITH SEVERITY OF ILLNESS IN PATIENTS WITH PYOGENIC SPONDYLODISCITIS

- Nur Aida Faruk Senan

(1405) TUBERCULOUS AND PYOGENIC SPONDYLODISCITIS: THE FUNCTION OF THE ANTERIOR MENINGOVERTEBRAL LIGAMENT IN PATIENTS WITH ANTERIOR EPIDURAL ABSCESS

- Nirdesh Hiremagalur Jagadeesh

SPINE RAPID FIRE PODIUM

DAY 2: 21 JUNE 2025

3.30 PM - 4.30 PM

RAPID FIRE 12

Moderator

- Weng Hong Chung

(334) CHEST WALL RECONSTRUCTION FOLLOWING TOTAL EN BLOC SPONDYLECTOMY: CASE REPORT OF A NOVEL TECHNIQUE.

- Vijay Kumar Loya

(463) EFFECTS OF DIFFERENT PELVIC OSTEOTOMY SURGERIES ON ACETABULAR CENTER AND PELVIC MORPHOLOGY

- Jie Wen

(501) THE EN BLOC SURGICAL MANAGEMENT OF SPINAL COLUMN TUMORS: THE RESULTS FROM A COMPREHENSIVE REPORT OF A SERIES OF CASES

- Luong Minh Quang

(564) OUTCOME OF TRANSFORAMINAL LUMBER INTERBODY DEBRIDEMENT AND FUSION (TLIDF) WITH POSTERIOR INSTRUMENTATION AND SPINAL FUSION (PISF) IN CASES OF INFECTIVE SPONDYLODISCITIS.

- Ian Ray C. Caluscusin

(604) OUTCOMES OF THORACO LUMBAR BURST FRACTURES WITH INTACT NEUROLOGY TREATED IN KARNALI ACADEMY OF HEALTH SCIENCES, NEPAL

- Tufan Singh Kathayat

(667) INCIDENCE OF PEDICLE BREACH FOLLOWING OPEN SPINAL INSTRUMENTATION WITH FREE HAND TECHNIQUE: A POST OPERATIVE CT ANALYSIS OF 720 PEDICLE SCREW IN THORACOLUMBAR FRACTURE

- Yudhisthir Raj Khadka

(730) SHORT SEGMENT FIXATION WITH CORPECTOMY, EXPANDABLE CAGE AND VERTEBRAL BODY SCREWS. MANAGEMENT FOR L1 CHANCE FRACTURE WITH L2 – L4 PEDICLE FRACTURES

- Asrul Syamin Hisyam Yong

(748) FROM NECK TO TAIL: A UNIQUE CASE OF TUBERCULOUS SPINAL EPIDURAL ABSCESS WITH BACTERIAL SUPERINFECTION IN A 1 YEAR OLD CHILD

- Hazwan Ab Wahid

(749) A PERILOUS GROWTH: MALIGNANT PERIPHERAL NERVE SHEATH TUMOR OF THE SPINE ENCROACHING ON THE CHEST WALL

- Hazwan Ab Wahid

(892) CERVICOTHORACIC JUNCTION INFECTION CAUSED BY STAPHYLOCOCCUS AUREUS AS A POST OPERATIVE COMPLICATION: A RARE CASE

- Muhammad Abdulhamid

(895) ANKYLOSIS SPONDYLITIS WITH SPINAL METASTASIS OF HEPATOCELLULAR CARCINOMA

- Muhamad Firdaus Zainudin

(948) COMPARISON OF X RAY AND CT SCAN IN MEASURING INTERPEDICULAR DISTANCE FOR THORACOLUMBAR COMPRESSION FRACTURE

- Al Anshari

(950) LARGE SCHWANNOMA IN THE CERVICAL AND THORACIC REGION : A CASE REPORT

- Wilhelmina Wilma Wijaya

(972) SAGITTAL PARAMETER: DOES IT INFLUENCE MY PRACTICE IN LOW GRADE SPONDYLOLISTHESIS?

- Sharif Ahmed Jonayed

SPINE RAPID FIRE PODIUM

DAY 2: 21 JUNE 2025

(1027) FLIPPED REPOSITION LAMINOPLASTY FOLLOWING INTRADURAL TUMOR IN THORACOLUMBAR SPINE: A CASE SERIES OF 6 PATIENTS

- Andhika Yudistira

(1126) SPRENGEL DEFORMITY: CHALLENGES IN DIAGNOSIS AND SURGICAL MANAGEMENT OF A RARE CONGENITAL CONDITION

- Rudy Rudy

(1302) SITE SCORING TO DETERMINE OUTCOME IN PYOGENIC SPONDYLODISCITIS. RETROSPECTIVE REVIEW

- Ismail Bin Mohd Fadzlullah

(1361) PREVALENCE OF SPINE INFECTIONS IN NORTHERN MALAYSIAN POPULATION

- Tan Kar Yee

(1380) COMPARISON OF INTERBODY FUSION VS INSTRUMENTED FUSION IN THREE COLOUMN THORACOLUMBAR INJURIES A PROSPECTIVE STUDY

- Bhaskar Sarkar

(1412) THE UTILITY OF MRI FOR SPINAL CLEARANCE IN BLUNT TRAUMA: A PRELIMINARY STUDY IN A LEVEL ONE TRAUMA CENTER IN SINGAPORE

- Heng Woon Theng

4.30 PM - 5.30 PM

RAPID FIRE 13

Moderator

- Phaik Shan Khoh

(368) THE DILEMMA OF FIXATION SEQUENCE IN SUB AXIAL CERVICAL SPINE INJURY WITH FACET DISLOCATION

- Nilesh Barwar

(605) PREOPERATIVE HALO GRAVITY TRACTION FOR THE MANAGEMENT OF NEGLECTED PAEDIATRIC SPINAL DEFORMITY: EARLY EXPERIENCE

- Deepak Kaucha

(691) CERVICAL TRAUMATIC CHANCE INJURY WITH CONCOMITANT OSSIFICATION POSTERIOR LONGITUDINAL LIGAMENT (OPLL): FAVORABLE OUTCOME FOLLOWING ANTERIOR DECOMPRESSION AND FUSION

- Teh Kai Hean

(830) CERVICAL MYELOPATHY CAUSED BY MOTOR TICS IN A PATIENT WITH TOURETTE'S SYNDROME A CASE REPORT

- Ian Ray C. Caluscusin

(856) CLINICAL OUTCOMES OF PERCUTANEOUS EPIDURAL ADHESIOLYSIS FOR CHRONIC LOW BACK PAIN POST LUMBAR DECOMPRESSION SURGERY: A RETROSPECTIVE CASE SERIES

- Tjokorda Agung Yavatriisna Vidyaputra

(883) FEASIBILITY AND OUTCOME OF STAND ALONE TRANS ARTICULAR SCREW FIXATION IN ATLANTOAXIAL INSTABILITY IN CHILDREN LESS THAN 8 YEARS OF AGE

- Vishal Kundnani

(922) TRAUMATIC SPINAL CORD INJURY IN OS ODONTOIDEUM WITH ATLANTOAXIAL DISLOCATION: A RARE CLINICAL ENTITY

- Gan Jin Tatt

SPINE RAPID FIRE PODIUM

DAY 2: 21 JUNE 2025

(958) CRUCIATE PARALYSIS FOLLOWING A JEFFERSON'S FRACTURE AND TRAUMATIC MULTILEVEL CERVICAL DISC HERNIATION: A CASE REPORT

- [Dinh Hai Yen](#)

(970) EFFICACY, SAFETY, AND RELIABILITY OF SINGLE POSTERIOR APPROACH FOR UNSTABLE THORACOLUMBAR BURST FRACTURE TREATED WITH ANTERIOR RECONSTRUCTION & POSTERIOR INSTRUMENTATION

- [Sharif Ahmed Jonayed](#)

(1067) SINGLE STAGE POSTERIOR HYBRID CONSTRUCT SURGERY FOR MULTILEVEL SEVERE CERVICAL AND THORACIC STENOSIS: A CASE REPORT

- [Thirumurugan K](#)

(1072) HEALTH RELATED QUALITY OF LIFE ASSESSMENT USING THE SRS 22 QUESTIONNAIRE COMPARING ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS) VERSUS ADULT IDIOPATHIC SCOLIOSIS (ADIS) WHO HAD UNDERGONE POSTERIOR SPINAL FUSION (PSF): A PROPENSITY SCORE MATCHED STUDY

- [Amanda Weng Yee Leong](#)

(1076) INVESTIGATION OF SURGICAL INDICATIONS FOR ATLANTO AXIAL PATHOLOGICAL FRACTURES: THE DIFFERENCES BETWEEN METASTATIC TUMORS AND TRAUMA

- [Akira Iwata](#)

(1079) EFFICACY AND SURGICAL OUTCOMES OF POSTERIOR APICAL SPINAL OSTEOTOMY IN SEVERE THORACIC/THORACOLUMBAR/LUMBAR KYPHOSCOLIOSIS IN DYSTROPHIC CURVES OF NEUROFIBROMATOSIS TYPE 1

- [Jenil Patel](#)

(1082) DISTAL ADDING ON PHENOMENON IN OPERATED LENKE TYPE 1 AND 2 ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS) VERSUS ADULT IDIOPATHIC SCOLIOSIS (ADIS) PATIENTS: A PROPENSITY SCORE MATCH STUDY

- [Hui Chin Ting](#)

(1101) CLASSIFICATION OF ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS) BASED ON LENKE CLASSIFICATION: AN ANALYSIS OF 1002 CASES IN A SINGLE TERTIARY INSTITUTION

- [Muhammad Dzulhusni Bin Dzulkifri](#)

(1104) PROGRESSIVE CERVICAL KYPHOSIS AND MYELOPATHY FOLLOWING LAMINECTOMY WITHOUT FUSION LESSON LEARNT

- [Teh Kai Hean](#)

(1278) ASSESSMENT OF CURRENT PRACTICES OF PHILIPPINE SPINE SURGEONS ON THE DIAGNOSIS AND TREATMENT OF MILD DEGENERATIVE CERVICAL MYELOPATHY

- [Mary Ruth Padua](#)

(1335) SURGERY IN CERVICAL SPONDYLOTIC MYELOPATHY: SHOULD WE DO IT OR NOT?

- [Md. Shah Alam](#)

SPINE RAPID FIRE PODIUM

DAY 2: 21 JUNE 2025

(1365) SPINAL MANIPULATION LEADING TO SPINAL CORD INJURY

- Ahmad Ikhwan Bin Mohd Sharfuddin

(1369) BIOLOGIC AGENT IN MINIMALLY INVASIVE SPINE SURGERY: A BRIEF REVIEW

- Ridma Irsyam Septadi

(1382) A HIGH STAKES SURGERY: POSTERIOR CERVICAL DECOMPRESSION AND FIXATION COMPLICATED BY LIFE THREATENING HEMATOMA

- Hazwan Ab Wahid



SCIENTIFIC PROGRAMME - ROOM 1 / SABAH ROOM

DAY 3: 22 JUNE 2025

7.00 AM - 8.00 AM

MEET-THE-EXPERT: PAEDIATRIC DEFORMITY

Moderators

- Dong-Gune Chang
- Michael Johnson

CASE 1 | CASE 2 | CASE 3

Expert Case Presenters

- Chang-Ju Hwang (Korea)
- Kota Watanabe (Japan)
- Shu-Hua Yang (Taiwan)

Panelists

- Chang-Ju Hwang
- Fazir Bin Mohamad
- Hee Kit Wong
- Kenneth Cheung
- Kota Watanabe
- Shu-Hua Yang
- Yong Qiu

8.00 AM - 9.00 AM

SYMPOSIUM: APSS SPINE FELLOWS

Moderators

- Ajoy Prasad Shetty
- Vishal Kundnani

9.00 AM - 10.00 AM

SYMPOSIUM: MINIMAL INVASIVE SPINE SURGERY 2

Moderators

- Worawat Limthongkul
- Reuben Soh

AWAKE MINIMALLY INVASIVE SPINE SURGERY: REDEFINING RECOVERY AND SHAPING THE FUTURE OF SPINE CARE

- Vishal Kundnani (India)

COMPARISON OF CLINICAL AND RADIOLOGIC OUTCOMES OF MULTI-LEVEL MIS VS OPEN TLIF: WHICH IS BETTER?

- Jose Lumawig (Philippines)

MIS TRANSORAL APPROACH FOR FIXED ANTERIOR COMPRESSIONS OF THE CVJ: A TEN YEAR EXPERIENCE

- Mohd Hisam Muhamad Ariffin (Malaysia)

MIS AND ENDOSCOPIC APPROACHES IN THE SURGICAL MANAGEMENT OF PO9'S DISEASE: A SINGLE CENTER EXPERIENCE

- Nugroho Setyowardoyo (Indonesia)

NAVIGATED ENDOSCOPIC TRANFORAMINAL LUMBAR INTERBODY FUSION (UBE)

- Choon Ping Lau (Malaysia)

10.00 AM - 10.30 AM

BREAK

10.30 AM - 11.30 AM

SYMPOSIUM: CERVICAL AND CRANIOVERTEBRAL JUNCTION PATHOLOGY (MSS-NAM-NSAM)

Moderators

- Chor Ngee Tan
- Lim Beng Saw

CERVICAL PYOGENIC SPONDYLODISCITIS: STANDARD PROTOCOL, CASE SERIES AND LITERATURE REVIEW

- Mohamad Zaki (Malaysia)

SURGICAL TREATMENT FOR CERVICAL SYRINGOMYELIA

- Saufi Awang (Malaysia)

SCIENTIFIC PROGRAMME - ROOM 1 / SABAH ROOM

DAY 3: 22 JUNE 2025

APPROACH TO LESIONS OF THE CRANIOVERTEBRAL JUNCTION AND CERVICAL SPINE

- Regunath Kandasamy (Malaysia)

MANAGING COMPLEX CRANIOVERTEBRAL JUNCTION PATHOLOGY IN PAEDIATRIC PATIENTS

- Fadzlishah Johan Abas (Malaysia)

CERVICAL DISC REPLACEMENT: THE ART OF SURGERY

- Arulkanesh Devatathan (Malaysia)

11.30 AM - 12.30 PM

SYMPOSIUM: MASTER TECHNIQUE VIDEOS

Moderators

- Jin-Hyok Kim
- Masato Tanaka

LUMBAR DISC REPLACEMENT

- Luthfi Gatam (Indonesia)

THORACIC VERTEBRAL BODY TETHERING

- Hee Kit Wong (Singapore)

FIXED BASILAR INVAGINATION : ANTERIOR RELEASE AND POSTERIOR CORRECTION WITH 3D PRINTED TEMPLATES

- Samir Dalvie (India)

HOW TO OPEN A SEVERE FOLDED PATIENT? SURGICAL TREATMENT OF EXTREMELY SEVERE KYPHOSIS SECONDARY TO ANKYLOSING SPONDYLITIS.

- Huiren Tao (China)

12.30 PM - 1.00 PM

CLOSING CEREMONY



SCIENTIFIC PROGRAMME - ROOM 2 / SARAWAK ROOM

DAY 3: 22 JUNE 2025

7.00 AM - 8.00 AM

MEET THE EXPERT - AGING SPINE

Moderators

- Zhaomin Zheng
- Ronald Tangente

CASE 1 | CASE 2 | CASE 3

Expert Case Presenters

- Aju Bosco (India)
- Paul Aarne Koljonen (Hong Kong)
- Young-Hoon Kim (Korea)

Panelists

- Aju Bosco
- Jose Manuel Fernando Ignacio
- Paul Aarne Koljonen
- Yat Wa Wong
- Yong-Soo Choi
- Yoshiharu Kawaguchi
- Young-Hoon Kim
- Samir Dalvie

8.00 AM - 9.00 AM

SYMPOSIUM: AGING SPINE 1

Moderators

- Hui-ten Tao
- Yew Siong Siow

WHAT FACTORS ARE NECESSARY TO DETERMINE SURGICAL STRATEGIES FOR SPINAL DEFORMITY?

- Keiji Nagata (Japan)

STRATEGIES TO PREVENT PROXIMAL JUNCTIONAL KYPHOSIS

- Ho-Joong Kim (Korea)

PREVENTING IMPLANT FAILURE: KEY CONSIDERATIONS

- Kim Soon Oh (Malaysia)

TREATMENT GOALS FOR OSTEOPOROTIC VERTEBRAL FRACTURES: FOCUSING ON SPINAL ALIGNMENT

- Chee Seng Chong (Malaysia)

SPINAL CORD INJURY IN THE AGED SOCIETY

- Young-Hoon Kim (Korea)

9.00 AM - 10.00 AM

SYMPOSIUM: AGING SPINE 2

Moderators

- Young-Hoon Kim
- Luthfi Gatam

SAGITTAL ALIGNMENT IN THE ELDERLY

- Sabarul Afian Mokhtar (Malaysia)

THE ROLE OF EXERCISE IN MANAGING BACK PAIN: AN EVIDENCE-BASED APPROACH

- Fazir Bin Mohamad (Malaysia)

IS VIDEO-BASED EXERCISE INTERVENTION RELEVANT TO MITIGATE LOW BACK PAIN AMONG ELDERLY IN THE DEVELOPING COUNTRY?

- Andhika Yudistira (Indonesia)

THE IMPACT OF PARAVERTEBRAL MUSCLES IN SPINAL SURGERY OUTCOMES

- Yew Siong Siow (Malaysia)

EXERCISES TO ENHANCE SURGICAL OUTCOMES IN ELDERLY PATIENTS

- Alvin Pun (Australia)

SCIENTIFIC PROGRAMME - ROOM 2 / SARAWAK ROOM

DAY 3: 22 JUNE 2025

10.00 AM - 10.30 AM

BREAK

10.30 AM - 11.30 AM

SYMPOSIUM: PAIN INTERVENTION

Moderators

- Heng Hing Lim
- Jose Lumawig

MECHANICAL AND LASER EPIDUROLYSIS

- Heng Hing Lim (Malaysia)

RADIOFREQUENCY ABLATION FOR NECK PAIN

- Ozlan Izma Muhamed Kamil (Malaysia)

RADIOFREQUENCY ABLATION FOR LUMBAR DEGENERATIVE PAIN

- Deepak Singh (Malaysia)

PAIN INTERVENTION FOR SACROILIITIS

- Orso Osti (Australia)

NUCLEOPLASTY: INDICATIONS AND SURGICAL STRATEGIES

- Naresh Kumar (Singapore)

11.30 AM - 12.30 PM

SYMPOSIUM: COMPLICATION AVOIDANCE AND MANAGEMENT

Moderators

- Yong Qiu
- Graham Shea

LIMITING THE RISK OF LEAKAGE IN VERTEBRAL BODY CEMENT AUGMENTATION AND MANAGING COMPLICATIONS OF PULMONARY CEMENT EMBOLISM

- Jose Manuel Fernando Ignacio (Philippines)

AVOIDANCE AND MANagements FOR PROXIMAL JUNCTIONAL KYPHOSIS AND FAILURE

- Shu-Hua Yang (Taiwan)

HALO-GRAVITY TRACTION (HGT): A STRATEGIC ADJUNCT FOR MITIGATING NEUROLOGICAL COMPLICATIONS IN SEVERE SCOLIOSIS CORRECTION

- Zhaomin Zheng (China)

SURGICAL STRATEGIES TO AVOID CORONAL AND SAGITTAL IMBALANCE IN ADULT SPINAL DEFORMITY

- Dong-Gune Chang (Korea)

HOW TO AVOID COMPLICATIONS IN SPINE SURGERY? MY REFLECTIONS

- Keith Luk (Hong Kong)

12.30 AM - 1.00 PM

CLOSING CEREMONY (Proceed to Sabah Room)



SCIENTIFIC PROGRAMME - ROOM 3 / KEDAH ROOM

DAY 3: 22 JUNE 2025

8.00 AM - 9.00 AM

FP14: SPINE DEFORMITY

Moderators

- Hideyuki Arima
- Jin Aun Tan

(566) NEURONAL REGENERATION WITH STEM CELLS AND SCAFFOLD IN SPINAL CORD INJURY : CLINICAL AND HISTOPATHOLOGICAL EVALUATION IN UMBILICAL CORD MESENCHYMAL STEM CELLS DELIVERED BY PVA/CHITOSAN SCAFFOLDS IN CANINE SPINAL CORD INJURY MODEL

- Deas Makalingga Emiri

(598) UNDERREPORTING OF PROXIMAL JUNCTIONAL KYPHOSIS AND FAILURE IN ADULT SPINE DEFORMITY SURGERY: A MULTICENTER RADIOLOGICAL REVIEW USING MULTIPLE DIAGNOSTIC CRITERIA

- So Kato

(664) PROSPECTIVE RANDOMIZED CONTROLLED TRIAL ON THE EFFICACY OF PTH AND BISPHOSPHONATE FOR PROXIMAL JUNCTIONAL FAILURE IN ADULT SPINAL DEFORMITY SURGERY

- Shin Oe

(721) WAISTLINE ASYMMETRY PATTERNS AND CLINICAL IMPACT IN PATIENTS WITH ADOLESCENT IDIOPATHIC SCOLIOSIS

- Tomohiro Banno

(739) SAGITTAL SPINOPELVIC PARAMETERS IN ASIAN ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS): COMPARISON BETWEEN LENKE CURVE TYPE

- Ong Yu Yi

(1066) VERTERO: A DEEP NEURAL NETWORK APPROACH FOR ESTIMATING VERTEBRAL BODY ROTATION IN ADOLESCENT IDIOPATHIC SCOLIOSIS

- Vit Kotheeranurak

(1128) PREDICTION OF POSTOPERATIVE CORONAL TRUNK SHIFT IN ADOLESCENT IDIOPATHIC SCOLIOSIS SURGERY USING INTRAOPERATIVE CROSSBAR MEASUREMENT TECHNIQUE

- Tinnakorn Pluemvitayaporn

(1143) RELIABILITY OF SURGIMAP IN RADIOLOGICAL MEASUREMENTS FOR NEUROMUSCULAR SCOLIOSIS

- Michael Johnson

(1309) ADOLESCENT IDIOPATHIC SCOLIOSIS PATIENTS WITH MAJOR LUMBAR (LENKE TYPE 5 AND 6) CURVES WITH LEV AT L4: ASSESSMENT OF CLINICAL AND RADIOLOGICAL OUTCOMES COMPARING LIV AT L4 (LEV) VERSUS L3 (LEV 1)

- Hui Chin Ting

9.00 AM - 10.00 AM

FP15: SPINE DEFORMITY

Moderators

- Eric Astelo Opay Belarmino
- Zaim Thajudeen

(750) COMPARISON OF THE PREOPERATIVE AND POSTOPERATIVE PULMONARY FUNCTION OF SEVERE IDIOPATHIC SCOLIOSIS (IS) PATIENTS (COBB ANGLE $\geq 90^\circ$) FOLLOWING POSTERIOR SPINAL FUSION (PSF) SURGERY: AN ASIAN POPULATION STUDY

- Lee Sin Ying

(784) PERIOPERATIVE OUTCOMES OF POSTERIOR SPINAL FUSION USING 3 ROD TECHNIQUE IN SEVERE ADOLESCENT IDIOPATHIC SCOLIOSIS (COBB ANGLE $\geq 90^\circ$) WITH LENKE 1 TO 4 CURVE TYPES

- Zhi Sean Teng

SCIENTIFIC PROGRAMME - ROOM 3 / KEDAH ROOM

DAY 3: 22 JUNE 2025

(793) A RISK QUANTIFICATION REFERENCE TABLE FOR PROGRESSED ADOLESCENT IDIOPATHIC SCOLIOSIS SURGERY: AN EXACT CASE MATCHED OUTCOMES ANALYSIS

- Jun Hao Tan

(822) RECONSTRUCTION SURGERY FOR IATROGENIC FLATBACK (≤ 3 LEVEL FUSION): INDICATIONS FOR PEDICLE SUBTRACTION OSTEOTOMY

- Romeo Il Galapon

(864) APPLICATIONS OF ANTERIOR COLUMN REALIGNMENT (ACR) TECHNIQUE IN PRONE LATERAL ANTEPOAS OR RETROPLEURAL SURGERY: A COMPLEMENTARY CLASSIFICATION TO THE ACR CLASSIFICATION

- Yu Cheng Yeh

(867) COMPARISON BETWEEN SAME DAY SEQUENTIAL SURGERIES VERSUS SEPARATE DAY SURGERIES IN SIBLINGS WITH ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS)

- Hui Chin Ting

(902) RELATIONSHIP BETWEEN IMPROVEMENT IN FUNCTIONAL MOBILITY TESTS AND SPINOPELVIC PARAMETERS, PATIENT REPORTED OUTCOMES FOLLOWING ADULT SPINE DEFORMITY SURGERY

- Ho Joong Kim

(921) COMPENSATORY CHANGES OF THE THORACIC SPINE AMONG PATIENTS WITH T1 SLOPE MORE THAN 40: 5 YEAR OUTCOMES AFTER SPINOPELVIC FUSION

- Josiah Paolo M. Mutia

(1168) PERSISTENT CORONAL MALALIGNMENT AFTER ADULT SPINAL DEFORMITY SURGERY: RISK FACTORS AND PREVENTION

- Truc Vu

(1260) RADIOLOGICAL PARAMETERS INFLUENCING POST OPERATIVE CORONAL BALANCE IN LENKE TYPE 5 ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS), WITH THE LOWEST INSTRUMENTED VERTEBRAE (LIV) LOCATED AT THE L3 LEVEL WITH A MINIMUM OF TWO YEARS OF FOLLOW UP

- Amanda Weng Yee Leong

10.00 AM - 10.30 AM

BREAK

10.30 AM -11.30 AM

FP16: ENDOSCOPIC SURGERY

Moderators

- Andhika Yudistira
- Weng Hong Chung

(562) EFFICACY AND SAFETY OF MICROENDOSCOPIC ANTERIOR CERVICAL DECOMPRESSION AND FUSION

- Kotaro Oda

(733) EFFICACY OF MINIMAL INVASIVE POSTERIOR FIXATION AND BIportal ENDOSCOPIC DECOMPRESSION IN PATIENTS WITH THORACOLUMBAR FRACTURES WITH INCOMPLETE NEUROLOGICAL DEFICIT: A PROSPECTIVE OBSERVATIONAL STUDY(EARLY CLINICAL RESULTS REPORT)

- Manish Kumar Shah

(796) MISS IS THE "BUZZ" WORD REALLY A BREAKTHROUGH IN SPINE CARE: A PATIENT PERSPECTIVE CROSS SECTIONAL STUDY

- Guna Pratheep Kalanchiam

SCIENTIFIC PROGRAMME - ROOM 3 / KEDAH ROOM

DAY 3: 22 JUNE 2025

(1010) TRANSFORAMINAL VS INTERLAMINAR APPROACH FOR ENDOSCOPIC LUMBAR DISCECTOMY IN PATIENT WITH HERNIATED NUCLEUS PUL POSUS L5 S1 LEVEL: SYSTEMATIC REVIEW AND META ANALYSIS

- Bagas Agtri Bayu

(1028) UNIORTAL VS BIORTAL INTERLAMINAR ENDOSCOPIC DECOMPRESSION FOR LUMBAR CANAL STENOSIS – A SCOPING REVIEW OF COMPLICATIONS

- Guna Pratheep Kalanchiam

(1060) CLINICAL EFFICACY OF ENDOSCOPY ASSISTED ANTERIOR CERVICAL DISCECTOMY AND FUSION FOR CERVICAL SPONDYLOSIS

- Cui Liqiang

(1192) CONSENSUS ON THE REPORTING OF COMPLICATIONS OF PERCUTANEOUS TRANSFORAMINAL ENDOSCOPIC LUMBAR DECOMPRESSION

- Aayush Aryal

(1266) MICROENDOSCOPIC ANTERIOR CERVICAL DECOMPRESSION AND FUSION (MECAF): MINIMIZING PREVERTEBRAL SOFT TISSUE SWELLING AND DYSPHAGIA

- Keiji Nagata

11.30 AM - 12.30 PM

FP17: ENDOSCOPIC SURGERY

Moderators

- Han Sim Lim
Phaik Shan Khoh

(397) INTEGRATED OPTICAL AND MAGNETIC NAVIGATION FOR SIMPLIFIED PERCUTANEOUS TRANSFORAMINAL ENDOSCOPIC LUMBAR DISCECTOMY: A NOVEL APPROACH

- Xing Chen Yao

(403) TREATMENT OF CERVICAL SPONDYLOTIC RADICULOPATHY WITH FORAMINAL STENOSIS BY POSTERIOR PERCUTANEOUS ENDOSCOPIC CERVICAL FORAMINOTOMY COMBINED WITH PEDICULOPLASTY

- Jun Song Yang

(404) POSTERIOR PERCUTANEOUS ENDOSCOPIC CERVICAL DISCECTOMY FOR RESIDUAL DISC FRAGMENTS AFTER ANTERIOR CERVICAL DISCECTOMY AND FUSION: A TECHNICAL NOTE

- Jun Song Yang

(901) COMPARISON OF CLINICAL AND RADIOLOGICAL OUTCOMES OF BIORTAL ENDOSCOPIC SPINE SURGERY WITH DISCECTOMY AND WITHOUT DISCECTOMY IN DEGENERATIVE LUMBAR CANAL STENOSIS

- M Ade Putra

(905) IMPACT OF POSTOPERATIVE CAUDA EQUINA CLUMPING ON RECOVERY AFTER BIORTAL ENDOSCOPIC DECOMPRESSION FOR SEVERE LUMBAR STENOSIS

- Jun Hyun Kim

(928) FULL ENDOSCOPIC POSTERIOR CERVICAL FORAMINOTOMY AND DISCECTOMY FOR RADICULOPATHY

- Dinh The Hung

(937) CLINICAL AND RADIOLOGICAL COMPARISON OF BIORTAL ENDOSCOPIC INTERBODY FUSION AND DLIF ALIF

- Seung Deok Sun

(1063) APPLICATION AND PITFALLS OF UBE TECHNOLOGY IN REVISION SURGERY FOR RECURRENT LUMBAR DISC HERNIATION

- Xie Shiming

SCIENTIFIC PROGRAMME - ROOM 3 / KEDAH ROOM

DAY 3: 22 JUNE 2025

(1115) MINIMALLY INVASIVE SURGERY FOR SPINAL METASTASES: ADVANCES, TECHNIQUES, AND OUTCOMES

- Muhammad Abdulhamid

(1307) ADVANCED BIPORTAL ENDOSCOPIC TRANSFORAMINAL LUMBAR INTERBODY FUSION FOR REVISION SURGERY: A TECHNICAL NOTE

- Young Il Ko

