## APSS 6<sup>TH</sup> ANNUAL MEETING @ SPINEWEEK 2023

MCEC, MELBOURNE, AUSTRALIA

THEME: SPINE CONTROVERSIES AND RECENT ADVANCEMENTS

## DAY 2 · 2<sup>ND</sup> MAY, TUESDAY @ EUREKA ROOM 3

Introduction by Moderators	<b>0730</b> hrs	BEST PAPER PRESENTATION – BASIC SCIENCE  Moderators: Daisuke Sakai, Yong-Soo Choi
Eye And Surgical Loupes Roongrath Chitrogram  The Electromyographic Discrepancy Of Paravertebral Muscles Predicts An Early Curve Progression Of Untrated Adolescent Idiopathic Scoliosis Janon Pal Vin Cheung  Analysis Of The Cement Distribution Pattern And Other Risk Factors That Affect The Incidence Of Recompression Fractures of Vertebral Bodies After Vertebral Distribution Pattern And Other Risk Factors That Affect The Incidence Of Recompression Fractures of Vertebral Bodies After Vertebral Distribution To Congenitat Scoliosis Janon Pal Vin Cheung  Or747 for Core Pleaner Cell Polarity Genes VANGLI And VANGL2 In Predisposition To Congenital Scoliosis Janon Pal Vin Cheung  Molecular Interactions Between Intervertebral Dist Host Proteins And Patiative Pathogenic Effector Proteins in Degenerate Discs – A Predictive Insilion Analysis Shommuganathan Rajasekaran  Or737 for Q & A SESSION  BEST PAPER PRESENTATION – CLINICAL RESEARCH I Moderators: Chris Tin Well Chan, Joson Pal Vin Cheung  Introduction by Moderators  Introduction by Moderators  Long-Ferm Outcomes Of Vertebral Body Sliding Osteotomy For The Treatment Of Cervical Myelopathy: A Minimum Of 5-Year Follow-Up. Sung Tan Cho  Computer-Assisted Diagnosis With Artificial Neural Networks For Odontoid Fracture Detection Mongharwat Unsuranguezong  Best Paper Research of Adantoaxial Rotatory Fixation. Yusuke Oxibita  Carrier Flexibility Assessment In Adolescent Idopathic Scoliosis (AIS) With Major Main Thoracic Curve: Comparison And Correlation Retween Physicians-Supervised Supine Side Bending Radiographs Versus Supine Computed Iomography (CT) Scan Josephine Rebecca Chandren  Q & A SESSION  BEST PAPER PRESENTATION – CLINICAL RESEARCH 2  Moderators: Aloy Prasad Shetty, Yet Wa Wong  Billiang Sungial Site Infections Aller Spine Surgery: The Optimal Amount Of Normal Saline For Intro-Wound Irrigation Wei Histing  Ellicacy Of Vacuum Assisted Clusure In Postoperative Deep Spinal Infections: A Retrospective Analysis Of 31 Patients With Spinal Instrumentation Shommuganathon Raj	<b>0730</b> hrs	
The Electromyographic Discrepancy Of Paravertebral Muscles Predicts An Early Curve Progression Of Untreated Adolescent Idiopathic Scoliosis Janon Pai Yin Cheung Analysis Of The Cement Distribution Pattern And Other Risk Factors That Affect The Incidence Of Recompensation Fractures Of Vertebral Bodies After Verebraplacy Or Kyphoplasty Miniqua Shin O747 hts Janon Pai Yin Cheung O752 hts Joseph William Cheung Molecular Interactions Retween Intervertebral Disc Host Proteins and Putative Pathogenic Effector Proteins In Degenerate Discs – A Predictive Insilico Analysis Shammaganathan Rajasekaran O757 hts Q 8 A SESSION  BEST PAPER PRESENTATION – CLINICAL RESEARCH I Moderators: Chris Vin Wet Chan, Janon Pai Yin Cheung O808 hts Introduction by Moderators  Long Term Outcomes Of Vertebral Body Sliding Osteotomy For The Treatment Of Cervical Myelopathy: A Minimum Of Swear Iollow-Lip Sang Jan Cho Computer-Assisted Diagnosis With Artificial Neural Networks For Odonioid Fracture Detection Wongthowat Unwrangmentage O820 hts Brahkshing A Relationship Ling CT Between Facet Distraction And Clinical Outcomes After ACDF Joograma Lee  O825 hts Conservative Treatment Of Atlantoxical Rotatory Exaction And Clinical Outcomes After ACDF Joograma Lee  Curver Plestibility Assessment in Adolescent Idiopathic Scoliosis (ALS) With Major Main Thoracic Curver. Comparison And Correlation Between Physician-Supervised Supine Side Bending Radiographs Versus Supine Computed Tomography (CT) Scan Josephine Rebecca Chandren  O833 hts October State Scotian Wei History  O848 hts Reducing Surgical Site Infections After Spine Surgery: The Optimal Amount Of Normal Saline For Intro-Wound Irrigation Wei History  O858 hts Office of Paper PRESENTATION – CLINICAL RESEARCH 2  Moderators: Alop Pranad Shetty, Yet-Wa Wong  O858 hts Introduction by Moderators: Alop Pranad Shetty, Yet-Wa Wong  O869 hts Interior Control And Spinal Balance in Patients Receiving Percutamenus Endoscopic Dehridement And Drainage (PEDD) For Infectious Discitis: A Retrospective Case Analysis	<b>0732</b> hrs	
Analysis Of The Cement Distribution Pattern And Other Risk Eactors That Affect The Incidence Of Recompression I tractures Of Vertebral Bodies After Vertebroplasty Or Kyphoplasty Minkya Shin  Core Planar Cell Polarity Genes VANGI 1 And VANGI 2 In Predisposition To Congenital Scoliosis Jason Pat Vit Cheung  Molecular Interactions Between Intervertebral Disc Host Proteins And Putative Pathogenic Effector Proteins in Degenerate Discs – A Predictive Insilico Analysis Shammaganathan Rajatekaran  O757 hrs Q & A SESSION  BEST PAPER PRESENTATION – CINICAL RESEARCH 1  Moderators: Chris Vin Wel Chan, Jason Pat Vin Cheung  BEST PAPER PRESENTATION – CINICAL RESEARCH 1  Moderators: Chris Vin Wel Chan, Jason Pat Vin Cheung  BIT Aminimum Of 5-Year follow-Up Sung Tan Cho  Computer-Assisted Diagnosis With Artificial Neural Networks For Odomtoid Fracture Detection Wonghawact Linvarungueung  NR20 hrs Festallishing A Relationship Using CT Between Facet Distraction And Clinical Outcomes After ACDF Jooyacung Lee  R825 hrs Conservative Treatment Of Atlantoaxial Roratory Fixation Yusuke Ozhita  Curve Flexibility Assessment in Adolescent Idiopathic Scoliosis (AIS) With Major Main Thoracic Curve: Comparison And Correlation Between Physician-Supervised Supine Side Bending Radiographs Versus Supine Computed Tomography (CT) Scan. Josephine Robecca Chandren  0833 hrs BEST PAPER PRESENTATION – CLINICAL RESEARCH 2  Moderators: App Proact Sherty, Yat-Wa Wong  0848 hrs Immoduction by Moderators  Reducing Surgical Site Infections After Spine Surgery: The Optimal Amount Of Normal Saline For Intra-Wound Irrigation Well Haining  0833 hrs Fiftinger Of Vacuum Assisted Closure In Postoperative Deep Spinal Infections: A Retrospective Analysis Of 31 Patients With Spinal Instrumentation. Shammaganathan Rajatekaran  The Infection Control And Spinal Balance In Textients Receiving Percutuareous Endoscopic Debridement And Drainage (PEDD) For Infectious Discins: A Renospective Case Analysis Hoo-Wen Chen  18 Anterior-Only Approach A Reliable Surgical Strategy I	<b>0737</b> hrs	The Electromyographic Discrepancy Of Paravertebral Muscles Predicts An Early Curve Progression Of
Core Planar Cell Polarity Genes VANGL1 and VANGL2 in Predisposition To Congenital Scoliosis Jason Pul Vin Cheung Molecular Interactions Between Intervertebral Disc Host Proteins And Putative Pathogenic Effector Proteins in Degenerate Discs – A Predictive Insilico Analysis Shanmuganathan Relasekaran  7757 hrs  Q & A SESSION  BEST PAPER PRESENTATION – CLINICAL RESEARCH I Moderators Chris Vin Wel Chan, Jason Pul Vin Cheung  BEST PAPER PRESENTATION – CLINICAL RESEARCH I Moderators Chris Vin Wel Chan, Jason Pul Vin Cheung  BIL Lang-Term Outcomes Of Vertebral Body Sliding Osteotomy For The Treatment Of Cervical Myelopathy: A Minimum Of 5-Year Follow-Up Sung Ton Cho  Computer-Assisted Diagnosis With Artificial Neural Networks For Odontoid Fracture Detection Wongthwat Lianvungraeong  Bestablishing A Relationship Using C.I Between Facet Distraction And Clinical Outcomes After ACDT Jacquang Lee  Res Conservative Treatment Of Atlantouxial Rotatory Fixation Yusuke Oshita  Curve Flexibility Assessment In Adolescent Ritopathic Scoliosis (ALS) With Major Main Thoracic Curve: Comparison And Correlation Between Physician-Supervised Supine Sale Bending Radiographs Versus Supplie Computed Tomography (CT) Scan Josephine Rebecco Chandren  Q & A SESSION  BEST PAPER PRESENTATION – CLINICAL RESEARCH 2 Moderators: Ajoy Pracad Shetty; Yat-Wa Wong  BEST PAPER PRESENTATION – CLINICAL RESEARCH 2 Moderators: Ajoy Pracad Shetty: Yat-Wa Wong  BEST PAPER PRESENTATION – CLINICAL RESEARCH 2 Moderators: Agor Pracad Shetty Vat-Wa Wong  BEST PAPER PRESENTATION – CLINICAL RESEARCH 2 Moderators: Agor Pracad Shetty: Yat-Wa Wong  The Infection Control And Spinal Balance In Pustoperative Deep Spinal Infections: A Retrospective Analysis Of 31 Patients With Spinal Instrumentation Shanmuganathan Reliasekaran  The Infection Control And Spinal Balance In Patients Receiving Percutaneous Endoscopic Debridement And Drainage (PLDD) for Infectious Discitis: A Retrospective Case Analysis How-Wen Chen  Is Anterior-Only Approach A Reliable Surgical Strategy in Ankyl	<b>0742</b> hrs	Analysis Of The Cement Distribution Pattern And Other Risk Factors That Affect The Incidence Of
Molecular interactions Between Intervertebral Disc Host Proteins And Putative Pathogenic Effector Proteins In Degenerate Discs – A Predictive Insilico Analysis Shammuganathan Relasekaran  0757 brs; Q & A SESSION  0808 brs; BEST PAPER PRESENTATION – CLINICAL RESEARCH 1 Moderator: Chris Vin Wet Chan, Joson Put Vin Cheung  0808 brs; Introduction by Moderators  0810 brs; Long Term Outcomes Of Vertebral Body Sliding Osteotomy For The Treatment Of Cervical Myelopathy: A Minimum Of 5-Year Follow-Up. Sung Tan Cho  0815 brs; Computer-Assisted Diagnosis With Artificial Neural Networks For Odontoid Fracture Detection Wangthawat Liowringrusong  0820 brs; Establishing A Relationship Using CT Between Facet Distraction And Clinical Outcomes After ACDF Jopopoung Lee  0825 brs; Conservative Treatment Of Atlantoaxial Rotatory Fisation. Yusuke Oshita  Curve Testablitity Assessment In Adolescent Idiopathic Scoliosis (AIS) With Major Main Thoracic Curve: Comparison And Correlation Between Physician-Supervised Supine Side Bending Radiographs Versus Supine Computed Tomography (CT) Scan Josephine Rebecco Chandren  0835 brs; Q & A SESSION  0846 brs. BEST PAPER PRESENTATION – CLINICAL RESEARCH 2 Moderators Ajoy Prastad Shetty, Yor Wa Wong  0853 brs; Paper Presentation of this Presentation Shammuganethan Rejasekaran  Efficacy Of Vacuum-Assisted Closure in Postoperative Deep Spinal Infections: A Retrospective Analysis Of 31 Patients With Spinal Instrumentation. Shammuganethan Rejasekaran  The Infection Control And Spinal Balance in Patients Receiving Percutaneous Endoscopic Debridement And Drahage (PEDD) For Infectious Discrist; A Retrospective Case Analysis Mos-Wen Chen  15. Amerine-Only Approach A Reliable Surgical Strategy In Ankylosing Spondylitis Patients With Cervical Spine Fractures? Ajoy Prasad Shetty  1869 Press Alas Osteosynthesis Serve Placement Using The Intersection Between Lateral Mass And Inferomedial Edge Of The Atlass Posterior Arch: Human Cadaveric Study Torphong Bunmapraser  1874 brs; BEST PAPER PRESENTATION – CLINICAL	0747 hrs	
O757 hrs Q & A SESSION  BEST PAPER PRESENTATION – CLINICAL RESEARCH 1 Moderators: Chris Yin Wel Chem, Jason Pul Yin Cheung  BEST PAPER PRESENTATION – CLINICAL RESEARCH 1 Moderators: Chris Yin Wel Chem, Jason Pul Yin Cheung  BEST PAPER PRESENTATION – CLINICAL RESEARCH 1 Moderators: Chris Yin Wel Chem, Jason Pul Yin Cheung  BEST PAPER PRESENTATION – CLINICAL RESEARCH 1 Moderators: Chris Yin Wel Chem, Jason Pul Yin Cheung  BEST PAPER PRESENTATION – CLINICAL RESEARCH 3 Moderators: Dong-Ho Lee County Provided Business Provided Health Spinel Institute Institute Providing Health Spinel President Surgices Provided Health Spinel President Surgices Provided Health Spinel Provided Health Spinel President Surgices Provided Health Spinel Institute Health Spinel Institute Description President Provided Health Spinel President Health Spinel Institute Description President Provided Health Spinel Institute Health Spinel Institute Description President Provided Health Spinel Institute Health Spinel Institute Description President President Provided Health Spinel Institute Description President Preside		
10808 hrs  BEST PAPER PRESENTATION – CLINICAL RESEARCH 1 Moderators: Chris Yin Wei Chan, Jason Pul Vin Cheung  10810 hrs  Long-Term Outcomes Of Vertebral Body Shiding Osteotomy For The Treatment Of Cervical Myelopathy: A Minimum Of 5-Year Follow-Up Sung Tan Cho  10815 hrs  Computer-Assisted Diagnosis With Artificial Neural Networks For Odontoid Fracture Detection Wongthawat Hawrungsueang  10820 hrs  Establishing A Relationship Using CT Between Facet Distraction And Clinical Outcomes After ACDF Jooyoung Lee  10825 hrs  Conservative Treatment Of Atlantouxial Rotatory Fixation Visuake Oshito  Curve Flexibility Assessment in Adolescent Idiopathic Scollosis (ALS) With Major Main Thoracic Curve: Comparison And Correlation Between Physician-Supervised Suprine Side Bending Radiographs Versus Supine Computed Tomography (CT) Scan Josephine Rebecca Chandren  10835 hrs  Q & A SESSION  10846 hrs  BEST PAPER PRESENTATION — CLINICAL RESTARCH 2 Moderators: Ajoy Prosad Shetty, Vat-Wa Wong  10853 hrs  Reducing Surgical Site Infections After Spine Surgery: The Optimal Amount Of Normal Saline For Intra- Wound Irrigation Wel Hung  10853 hrs  Efficacy Of Vacuum-Assisted Closure In Postoperative Deep Spinal Infections: A Retrospective Analysis Of 31 Patients With Spinal Instrumentation Shammuganathon Rajackearon  10858 hrs  The Infection Control And Spinal Balance In Patients Receiving Percutaneous Endoscopic Debridement And Drainage (PEDD) For Infectious Discisis: A Retrospective Case Analysis Hao-Wen Chen  10903 hrs  La Anterior-Only Approach A Reliable Surgical Strategy In Ankylosing Spondylitis Patients With Cervical Spine Fractures? Aloy Presad Shetty  Alias Osteosynthesis Serew Placement Using The Intersection Between Lateral Mass And Inferomedial Edge Of The Atlas Posterior Arch. Human Cadaveric Study Torphong Bummaprasert  10913 hrs  BEST PAPER PRESENTATION — CLINICAL RESEARCH 3  Moderators: Dong-Ho Lee, Kota Watanabe	0752 hrs	Proteins In Degenerate Discs – A Predictive Insilico Analysis Shanmuganathan Rajasekaran
1810 hrs Introduction by Moderators  1810 hrs Long-Term Outcomes Of Vertebral Body Sliding Osteotomy For The Treatment Of Cervical Myclopathy: A Minimum Of 5-Year Follow-Up Sung Tan Cho  1815 hrs Computer-Assisted Diagnosis With Artificial Neural Networks For Odontoid Fracture Detection Wongthawat Liawrungrueang  1820 hrs Fstablishing A Relationship Using CT Between Facet Distraction And Clinical Outcomes After ACDF Jooyoung Lee  1825 hrs Conservative Treatment Of Adantoaxial Rotatory Fixation Vusuke Oshita  1826 Curve Flexibility Assessment In Adolescent Idiopathic Scoliosis (AIS) With Major Main Thoracic Curve: Comparison And Correlation Between Physician-Supervised Supine Side Bending Radiographs Versus Supine Computed Tomography (CT) Scan Josephine Rebecco Chandren  1835 hrs Q & A SESSION  1846 hrs Introduction by Moderators  1848 hrs Reducing Surgical Site Infections After Spine Surgery: The Optimal Amount Of Normal Saline For Intra-Wound Irrigation Wei Histung  1853 hrs Efficacy Of Vacuum-Assisted Closure In Postoperative Deep Spinal Infections: A Retrospective Analysis Of 31 Patients With Spinal Instrumentation Shanmuganathon Rajasekaran  1868 hrs The Infection Control And Spinal Balance In Patients Receiving Percutaneous Endoscopic Debridement And Drainage (PTDD) For Infectious Discitis: A Retrospective Case Analysis Hao-Wen Chen  1879 Spine Fractures? Ajoy Prosad Shetty  1884 Anterior-Colly Approach A Reliable Surgical Strategy In Ankylosing Spondylitis Patients With Cervical Spine Fractures? Ajoy Prosad Shetty  1885 Anterior-Colly Approach A Reliable Surgical Strategy In Ankylosing Spondylitis Patients With Cervical Spine Fractures? Ajoy Prosad Shetty  1886 Alas Osteosynthesis Serew Placement Using The Intersection Between Lateral Mass And Inferomedial Edge Of The Atlas Posterior Arch: Human Cadaveric Study Torphong Bummaprosert  1892 A SESSION  1892 A SESSION  1892 A Restrospective Acade Shetty	<b>0757</b> hrs	Q & A SESSION
Long-Term Outcomes Of Vertebral Body Sliding Osteotomy For The Treatment Of Cervical Myclopathy: A Minimum Of 5-Year Follow-Up Sung Tan Cho  815 hrs Computer-Assisted Diagnosis With Artificial Neural Networks For Odontoid Fracture Detection Wongthawat Liowrungrueang  820 hrs Establishing A Relationship Using CT Between Facet Distraction And Clinical Outcomes After ACDF Jooyoung Lee  825 hrs Conservative Treatment Of Atlantoaxial Rotatory Fixation Yusuke Oshita  Curve Flexibility Assessment In Adolescent Idiopathic Scoliosis (AIS) With Major Main Thoracic Curve: Comparison And Correlation Between Physician-Supervised Supine Side Bending Radiographs Versus Supine Computed Tomography (CT) Scan Josephine Rebecca Chandren  835 hrs Q & A SESSION  846 hrs Introduction by Moderators  8646 hrs Introduction by Moderators  8648 hrs Wound Irrigation Wei Histing  8653 hrs Cfficacy Of Vacuum-Assisted Closure In Postoperative Deep Spinal Infections: A Retrospective Analysis Of 31 Parients With Spinal Instrumentation Shanmuganathan Rojasekaran  The Infection Control And Spinal Balance In Patients Receiving Percutaneous Endoscopic Debridement And Drainage (PEDD) For Infectious Discitis: A Retrospective Case Analysis Hao-Wen Chen  1s Anterior-Only Approach A Reliable Surgical Strategy In Ankylosing Spondylitis Patients With Cervical Spine Fractures? App Prasad Shetty  Atlas Osteosynthesis Screw Placement Using The Intersection Between Lateral Mass And Inferomedial Edge Of The Atlas Posterior Arch: Human Cadaveric Study Torphong Bunmaprasert  9933 hrs Q & A SESSION  8EST PAPER PRESENTATION – CLINICAL RESEARCH 3  Moderators: Dong-Ho Lee, Kota Watanabe	<b>0808</b> hrs	
A Minimum Of 5-Year Follow-Up Sung Tan Cho Computer-Assisted Diagnosis With Artificial Neural Networks For Odontoid Fracture Detection Wongthawat Liawrungrueong Restablishing A Relationship Using CT Between Facet Distraction And Clinical Outcomes After ACDF Joyoung Lee Conservative Treatment Of Atlantoaxial Rotatory Fixation Yusuke Oshita Curve Flexibility Assessment in Adolescent Idiopathic Scoliosis (AIS) With Major Main Thoracic Curve: Comparison And Correlation Between Physician-Supervised Supine Side Bending Radiographs Versus Supine Computed Tomography (CT) Scan Josephine Rebecca Chandren  Reducing Surgical Site Infections After Spine Surgery: The Optimal Amount Of Normal Saline For Intra-Wound Irrigation Wet Hslung  BEST PAPER PRESENTATION - CLINICAL RESEARCH 2 Moderators: Ajoy Prasad Shetty, Yat-Wo Wong  BEGUARD Surgical Site Infections After Spine Surgery: The Optimal Amount Of Normal Saline For Intra-Wound Irrigation Wet Hslung  BEGUARD Surgical Site Infections After Spine Surgery: The Optimal Amount Of Normal Saline For Intra-Wound Irrigation Wet Hslung  BEGUARD Surgical Site Infections After Spine Surgery: The Optimal Amount Of Normal Saline For Intra-Wound Irrigation Wet Hslung  BEGUARD Surgical Site Infections Discriptive Deep Spinal Infections: A Retrospective Analysis Of 31 Patients With Spinal Instrumentation Shanmuganathon Rejasekaran  The Infection Control And Spinal Balance in Patients Receiving Percutaneous Endoscopic Debridement And Drainage (PEDD) For Infectious Discriptis: A Retrospective Case Analysis Hao-Wen Chen  Is Anterior-Only Approach A Reliable Surgical Strategy In Ankylosing Spondylitis Patients With Cervical Spine Fractures? Ajoy Prasad Shetty  Atlas Osteosynthesis Screw Placement Using The Intersection Between Lateral Mass And Inferomedial Edge Of The Atlas Posterior Arch: Human Cadaveric Study Torphong Bunmaprasert  993 hrs  BEST PAPER PRESENTATION - CLINICAL RESEARCH 3 Moderators: Dong-Ho Lee, Koto Watanabe	<b>0808</b> hrs	Introduction by Moderators
Wongthawat Llawrungrueong  Establishing A Relationship Using CT Between Facet Distraction And Clinical Outcomes After ACDF Jooyoung Lee  See Ships Conservative Treatment Of Atlantoaxial Rotatory Fixation Yusuke Oshita  Curve Flexibility Assessment In Adolescent Idiopathic Scoliosis (AIS) With Major Main Thoracic Curve: Comparison And Correlation Between Physician-Supervised Supine Side Bending Radiographs Versus Supine Computed Tomography (CT) Scan Josephine Rebecca Chondren  835 hrs Q & A SESSION  BEST PAPER PRESENTATION - CLINICAL RESEARCH 2 Moderators: Ajor Prasad Shetty, Yat-Wa Wong  BEST PAPER PRESENTATION - CLINICAL RESEARCH 2 Moderators: Ajor Prasad Shetty, Yat-Wa Wong  BEST PAPER PRESENTATION - CLINICAL RESEARCH 2 Moderators: Ajor Prasad Shetty, Yat-Wa Wong  BEST PAPER PRESENTATION - CLINICAL RESEARCH 2 Moderators: Ajor Prasad Shetty, Yat-Wa Wong  BEST PAPER PRESENTATION - CLINICAL RESEARCH 2 Moderators: Ajor Prasad Shetty State of Patients Practive Deep Spinal Infections: A Retrospective Analysis  Gof 31 Patients With Spinal Instrumentation Shanmuganathan Rajasekaran  The Infection Control And Spinal Balance In Patients Receiving Percutaneous Endoscopic Debridement And Drainage (PEDD) For Infectious Discitis: A Retrospective Case Analysis Hao-Wen Chen  Is Anterior-Only Approach A Reliable Surgical Strategy In Ankylosing Spondylitis Patients With Cervical Spine Fractures? Ajor Prasad Shetty  Atlas Osteosynthesis Screw Placement Using The Intersection Between Lateral Mass And Inferomedial Edge Of The Atlas Posterior Arch: Human Cadaveric Study Torphong Bunnaprosert  9913 hrs Q & A SESSION  BEST PAPER PRESENTATION - CLINICAL RESEARCH 3 Moderators: Dong-Ho Lee, Kota Watanabe	<b>0810</b> hrs	
O825 hrs Conservative Treatment Of Atlantoaxial Rotatory Fixation Yusuke Oshita Curve Flexibility Assessment In Adolescent Idiopathic Scoliosis (AIS) With Major Main Thoracic Curve: Comparison And Correlation Between Physician-Supervised Supine Side Bending Radiographs Versus Supine Computed Tomography (CT) Scan Josephine Rebecca Chandren  0835 hrs Q & A SESSION  0846 hrs BEST PAPER PRESENTATION – CLINICAL RESEARCH 2 Moderators: Ajoy Prasad Shetty, Yat-Wa Wong  0846 hrs Introduction by Moderators  Reducing Surgical Site Infections After Spine Surgery: The Optimal Amount Of Normal Saline For Intra-Wound Irrigation Wei Hislung  Efficacy Of Vacuum-Assisted Closure In Postoperative Deep Spinal Infections: A Retrospective Analysis Of 31 Patients With Spinal Instrumentation Shanmuganathan Rajasekaran  The Infection Control And Spinal Balance In Patients Receiving Percutaneous Endoscopic Debridement And Drainage (PEDD) For Infectious Discitis: A Retrospective Case Analysis Hao-Wen Chen  1s Anterior-Only Approach A Reliable Surgical Strategy In Ankylosing Spondylitis Patients With Cervical Spine Fractures? Ajoy Prasad Shetty  Atlas Osteosynthesis Screw Placement Using The Intersection Between Lateral Mass And Inferomedial Edge Of The Atlas Posterior Arch: Human Cadaveric Study Torphong Bunmaprasert  0913 hrs Q & A SESSION  BEST PAPER PRESENTATION – CLINICAL RESEARCH 3 Moderators: Dong-Ho Lee, Kota Watanabe	<b>0815</b> hrs	
Curve Flexibility Assessment In Adolescent Idiopathic Scoliosis (AIS) With Major Main Thoracic Curve: Comparison And Correlation Between Physician-Supervised Supine Side Bending Radiographs Versus Supine Computed Tomography (CT) Scan Josephine Rebecca Chandren  0835 hrs  Q & A SESSION  0846 hrs  BEST PAPER PRESENTATION – CLINICAL RESEARCH 2 Moderators: Ajoy Prasad Shetty, Vat-Wa Wong  0846 hrs  Reducing Surgical Site Infections After Spine Surgery: The Optimal Amount Of Normal Saline For Intra-Wound Irrigation Wel Hslung  0853 hrs  Efficacy Of Vacuum-Assisted Closure In Postoperative Deep Spinal Infections: A Retrospective Analysis Of 31 Patients With Spinal Instrumentation Shammuganathan Rajasekaran  The Infection Control And Spinal Balance In Patients Receiving Percutaneous Endoscopic Debridement And Drainage (PEDD) For Infectious Discitis: A Retrospective Case Analysis Hao-Wen Chen  18 Anterior-Only Approach A Reliable Surgical Strategy In Ankylosing Spondylitis Patients With Cervical Spine Fractures? Ajoy Prasad Shetty  1908 hrs  Alas Osteosynthesis Screw Placement Using The Intersection Between Lateral Mass And Inferomedial Edge Of The Atlas Posterior Arch: Human Cadaveric Study Torphong Bunmaprasert  1913 hrs  Q & A SESSION  1924 hrs  BEST PAPER PRESENTATION – CLINICAL RESEARCH 3 Moderators: Dong-Ho Lee, Kota Watanabe	<b>0820</b> hrs	
Comparison And Correlation Between Physician-Supervised Supine Side Bending Radiographs Versus Supine Computed Tomography (CT) Scan Josephine Rebecca Chandren  0835 hrs  Q & A SESSION  BEST PAPER PRESENTATION – CLINICAL RESEARCH 2 Moderators: Ajoy Prasad Shetty, Yat-Wa Wong  1 Introduction by Moderators  Reducing Surgical Site Infections After Spine Surgery: The Optimal Amount Of Normal Saline For Intra-Wound Irrigation Wei Hislung  853 hrs  Efficacy Of Vacuum-Assisted Closure In Postoperative Deep Spinal Infections: A Retrospective Analysis Of 31 Patients With Spinal Instrumentation Shanmuganathan Rajasekaran  The Infection Control And Spinal Balance In Patients Receiving Percutaneous Endoscopic Debridement And Drainage (PEDD) For Infectious Discitis: A Retrospective Case Analysis Hao-Wen Chen  1 Is Anterior-Only Approach A Reliable Surgical Strategy In Ankylosing Spondylitis Patients With Cervical Spine Fractures? Ajoy Prasad Shetty  Allas Osteosynthesis Screw Placement Using The Intersection Between Lateral Mass And Inferomedial Edge Of The Atlas Posterior Arch: Human Cadaveric Study Torphong Bunmaprasert  Q & A SESSION  BEST PAPER PRESENTATION – CLINICAL RESEARCH 3 Moderators: Dong-Ho Lee, Kota Watanabe	<b>0825</b> hrs	Conservative Treatment Of Atlantoaxial Rotatory Fixation Yusuke Oshita
BEST PAPER PRESENTATION – CLINICAL RESEARCH 2 Moderators: Ajoy Prasad Shetty, Yat-Wa Wong  1	<b>0830</b> hrs	Comparison And Correlation Between Physician-Supervised Supine Side Bending Radiographs Versus
Moderators: Ajoy Prasad Shetty, Yat-Wa Wong  Introduction by Moderators  Reducing Surgical Site Infections After Spine Surgery: The Optimal Amount Of Normal Saline For Intra-Wound Irrigation Wei Hsiung  Efficacy Of Vacuum-Assisted Closure In Postoperative Deep Spinal Infections: A Retrospective Analysis Of 31 Patients With Spinal Instrumentation Shanmuganathan Rajasekaran  The Infection Control And Spinal Balance In Patients Receiving Percutaneous Endoscopic Debridement And Drainage (PEDD) For Infectious Discitis: A Retrospective Case Analysis Hao-Wen Chen  Is Anterior-Only Approach A Reliable Surgical Strategy In Ankylosing Spondylitis Patients With Cervical Spine Fractures? Ajoy Prasad Shetty  Atlas Osteosynthesis Screw Placement Using The Intersection Between Lateral Mass And Inferomedial Edge Of The Atlas Posterior Arch: Human Cadaveric Study Torphong Bunmaprasert  O913 hrs  Q & A SESSION  BEST PAPER PRESENTATION – CLINICAL RESEARCH 3  Moderators: Dong-Ho Lee, Kota Watanabe	<b>0835</b> hrs	Q & A SESSION
Reducing Surgical Site Infections After Spine Surgery: The Optimal Amount Of Normal Saline For Intra-Wound Irrigation Wei Hsiung  Efficacy Of Vacuum-Assisted Closure In Postoperative Deep Spinal Infections: A Retrospective Analysis Of 31 Patients With Spinal Instrumentation Shanmuganathan Rajasekaran  The Infection Control And Spinal Balance In Patients Receiving Percutaneous Endoscopic Debridement And Drainage (PEDD) For Infectious Discitis: A Retrospective Case Analysis Hao-Wen Chen  Is Anterior-Only Approach A Reliable Surgical Strategy In Ankylosing Spondylitis Patients With Cervical Spine Fractures? Ajoy Prasad Shetty  Atlas Osteosynthesis Screw Placement Using The Intersection Between Lateral Mass And Inferomedial Edge Of The Atlas Posterior Arch: Human Cadaveric Study Torphong Bunmaprasert  Q & A SESSION  BEST PAPER PRESENTATION – CLINICAL RESEARCH 3  Moderators: Dong-Ho Lee, Kota Watanabe	<b>0846</b> hrs	
Wound Irrigation Wei Hsiung  Efficacy Of Vacuum-Assisted Closure In Postoperative Deep Spinal Infections: A Retrospective Analysis Of 31 Patients With Spinal Instrumentation Shanmuganathan Rajasekaran  The Infection Control And Spinal Balance In Patients Receiving Percutaneous Endoscopic Debridement And Drainage (PEDD) For Infectious Discitis: A Retrospective Case Analysis Hao-Wen Chen  Is Anterior-Only Approach A Reliable Surgical Strategy In Ankylosing Spondylitis Patients With Cervical Spine Fractures? Ajoy Prasad Shetty  Atlas Osteosynthesis Screw Placement Using The Intersection Between Lateral Mass And Inferomedial Edge Of The Atlas Posterior Arch: Human Cadaveric Study Torphong Bunmaprasert  Q & A SESSION  BEST PAPER PRESENTATION – CLINICAL RESEARCH 3  Moderators: Dong-Ho Lee, Kota Watanabe	0846 hrs	Introduction by Moderators
Of 31 Patients With Spinal Instrumentation Shanmuganathan Rajasekaran  The Infection Control And Spinal Balance In Patients Receiving Percutaneous Endoscopic Debridement And Drainage (PEDD) For Infectious Discitis: A Retrospective Case Analysis Hao-Wen Chen  Is Anterior-Only Approach A Reliable Surgical Strategy In Ankylosing Spondylitis Patients With Cervical Spine Fractures? Ajoy Prasad Shetty  Atlas Osteosynthesis Screw Placement Using The Intersection Between Lateral Mass And Inferomedial Edge Of The Atlas Posterior Arch: Human Cadaveric Study Torphong Bunmaprasert  Q & A SESSION  BEST PAPER PRESENTATION – CLINICAL RESEARCH 3  Moderators: Dong-Ho Lee, Kota Watanabe	<b>0848</b> hrs	
And Drainage (PEDD) For Infectious Discitis: A Retrospective Case Analysis Hao-Wen Chen  Is Anterior-Only Approach A Reliable Surgical Strategy In Ankylosing Spondylitis Patients With Cervical Spine Fractures? Ajoy Prasad Shetty  Atlas Osteosynthesis Screw Placement Using The Intersection Between Lateral Mass And Inferomedial Edge Of The Atlas Posterior Arch: Human Cadaveric Study Torphong Bunmaprasert  Q & A SESSION  BEST PAPER PRESENTATION – CLINICAL RESEARCH 3  Moderators: Dong-Ho Lee, Kota Watanabe	<b>0853</b> hrs	,
Spine Fractures? Ajoy Prasad Shetty  Atlas Osteosynthesis Screw Placement Using The Intersection Between Lateral Mass And Inferomedial Edge Of The Atlas Posterior Arch: Human Cadaveric Study Torphong Bunmaprasert  Q & A SESSION  BEST PAPER PRESENTATION – CLINICAL RESEARCH 3  Moderators: Dong-Ho Lee, Kota Watanabe	<b>0858</b> hrs	
Edge Of The Atlas Posterior Arch: Human Cadaveric Study Torphong Bunmaprasert  0913 hrs  Q & A SESSION  BEST PAPER PRESENTATION – CLINICAL RESEARCH 3  Moderators: Dong-Ho Lee, Kota Watanabe	<b>0903</b> hrs	
BEST PAPER PRESENTATION – CLINICAL RESEARCH 3  Moderators: Dong-Ho Lee, Kota Watanabe	<b>0908</b> hrs	,
0924 hrs  Moderators: Dong-Ho Lee, Kota Watanabe	<b>0913</b> hrs	Q & A SESSION
0924 hrs Introduction by Moderators	<b>0924</b> hrs	
	<b>0924</b> hrs	Introduction by Moderators

<b>0926</b> hrs	The 'Disc-Endplate-Bone-Marrow Complex' Classification – A Paradigm Shift In Our Understanding Of The Modic Vertebral Endplate Changes <i>Shanmuganathan Rajasekaran</i>
<b>0931</b> hrs	Anterior Column Realignment Through Open Preposterior Release – Anterior-Posterior Fusion Versus Hybrid Minimally Invasive Anterior-Posterior Fusion For Dynamic Sagittal Imbalance Of The Spine <i>Joonghyun Ahn</i>
<b>0936</b> hrs	The Criteria Of Severe Dynamic Sagittal Imbalance In Adult Spinal Deformity And Its Importance <i>Yong-Chan Kim</i>
<b>0941</b> hrs	Mechanical Complications And Global Alignment And Proportion Score After Limited Long-Segment Fusion For De Novo Adult Spinal Deformity: Comparison Of Lateral Lumbar Interbody Fusion And Three-Column Osteotomies <i>Hiroshi Moridaira</i>
<b>0946</b> hrs	Subcrestal Iliac Screw Technique As An Alternative For Spinopelvic Fixation Technique: A Cohort Study Of 73 Patients With A Modified Low Profile, Free Hand Technique For Insertion Of Subcrestal Iliac Screw <i>Glenys Poon</i>
<b>0951</b> hrs	Q & A SESSION
<b>1000</b> hrs	COFFEE BREAK
1030 hrs	SYMPOSIUM 4  PAEDIATRIC DEFORMITY – CURRENT MANAGEMENT TREND FROM EOS TO AIS  Moderators: Zhaomin Zheng, Brian Hsu
<b>1030</b> hrs	Introduction by Moderators
	(A) Growing Spine
<b>1033</b> hrs	(i) Controversies Surrounding Traditional Growing Rod And MAGEC Yat-Wa Wong
<b>1041</b> hrs	(ii) Is Tethering Technique The Future? Leok Lim Lau
<b>1051</b> hrs	(iii) When Should We Fuse The Growing Spine? Ajoy Prasad Shetty
	(B) AIS
<b>1100</b> hrs	(i) Shoulder Balance Matters: How To Select The Best UIV? Mun Keong Kwan
1100 hrs 1109 hrs	
	(i) Shoulder Balance Matters: How To Select The Best UIV? Mun Keong Kwan
1109 hrs	<ul><li>(i) Shoulder Balance Matters: How To Select The Best UIV? Mun Keong Kwan</li><li>(ii) Can We Fuse Short And Still Achieve Balance: How To Select The Best LIV? Kota Watanabe</li><li>(iii) Is Maintaining Thoracic Kyphosis Important: What Corrective Maneuvers Should We Use?</li></ul>
1109 hrs 1118 hrs	<ul> <li>(i) Shoulder Balance Matters: How To Select The Best UIV? Mun Keong Kwan</li> <li>(ii) Can We Fuse Short And Still Achieve Balance: How To Select The Best LIV? Kota Watanabe</li> <li>(iii) Is Maintaining Thoracic Kyphosis Important: What Corrective Maneuvers Should We Use? Chris Yin Wei Chan</li> </ul>
1109 hrs 1118 hrs 1127 hrs	<ul> <li>(i) Shoulder Balance Matters: How To Select The Best UIV? Mun Keong Kwan</li> <li>(ii) Can We Fuse Short And Still Achieve Balance: How To Select The Best LIV? Kota Watanabe</li> <li>(iii) Is Maintaining Thoracic Kyphosis Important: What Corrective Maneuvers Should We Use? Chris Yin Wei Chan</li> <li>Q &amp; A SESSION</li> </ul>
1109 hrs  1118 hrs  1127 hrs  1138 hrs	(i) Shoulder Balance Matters: How To Select The Best UIV? Mun Keong Kwan  (ii) Can We Fuse Short And Still Achieve Balance: How To Select The Best LIV? Kota Watanabe  (iii) Is Maintaining Thoracic Kyphosis Important: What Corrective Maneuvers Should We Use?  Chris Yin Wei Chan  Q & A SESSION  CASE DISCUSSION  HONORARY LECTURE
1109 hrs  1118 hrs  1127 hrs  1138 hrs	(ii) Shoulder Balance Matters: How To Select The Best UIV? Mun Keong Kwan  (ii) Can We Fuse Short And Still Achieve Balance: How To Select The Best LIV? Kota Watanabe  (iii) Is Maintaining Thoracic Kyphosis Important: What Corrective Maneuvers Should We Use?  Chris Yin Wei Chan  Q & A SESSION  CASE DISCUSSION  HONORARY LECTURE  Moderator: Shanmuganathan Rajasekaran
1109 hrs  1118 hrs  1127 hrs  1138 hrs  1200 hrs	(ii) Shoulder Balance Matters: How To Select The Best UIV? Mun Keong Kwan  (ii) Can We Fuse Short And Still Achieve Balance: How To Select The Best LIV? Kota Watanabe  (iii) Is Maintaining Thoracic Kyphosis Important: What Corrective Maneuvers Should We Use?  Chris Yin Wei Chan  Q & A SESSION  CASE DISCUSSION  HONORARY LECTURE  Moderator: Shanmuganathan Rajasekaran  Introduction by Moderator
1109 hrs  1118 hrs  1127 hrs  1138 hrs  1200 hrs  1200 hrs	(ii) Shoulder Balance Matters: How To Select The Best UIV? Mun Keong Kwan  (iii) Can We Fuse Short And Still Achieve Balance: How To Select The Best LIV? Kota Watanabe  (iii) Is Maintaining Thoracic Kyphosis Important: What Corrective Maneuvers Should We Use?  Chris Yin Wei Chan  Q & A SESSION  CASE DISCUSSION  HONORARY LECTURE  Moderator: Shanmuganathan Rajasekaran  Introduction by Moderator  Conferment of Award to APSS Honorary Member
1118 hrs  1117 hrs  1138 hrs  1200 hrs  1200 hrs  1201 hrs	(i) Shoulder Balance Matters: How To Select The Best UIV? Mun Keong Kwan  (ii) Can We Fuse Short And Still Achieve Balance: How To Select The Best LIV? Kota Watanabe  (iii) Is Maintaining Thoracic Kyphosis Important: What Corrective Maneuvers Should We Use?  Chris Yin Wei Chan  Q & A SESSION  CASE DISCUSSION  HONORARY LECTURE  Moderator: Shanmuganathan Rajasekaran  Introduction by Moderator  Conferment of Award to APSS Honorary Member  Durable Innovations In Spinal Surgery And Future Developments K S Sivananthan
1109 hrs  1118 hrs  1127 hrs  1138 hrs  1200 hrs  1200 hrs  1205 hrs  1210 hrs	(ii) Shoulder Balance Matters: How To Select The Best UIV? Mun Keong Kwan  (iii) Can We Fuse Short And Still Achieve Balance: How To Select The Best LIV? Kota Watanabe  (iii) Is Maintaining Thoracic Kyphosis Important: What Corrective Maneuvers Should We Use?  Chris Yin Wei Chan  Q & A SESSION  CASE DISCUSSION  HONORARY LECTURE  Moderator: Shanmuganathan Rajasekaran  Introduction by Moderator  Conferment of Award to APSS Honorary Member  Durable Innovations In Spinal Surgery And Future Developments K 5 Sivananthan  LUNCH BREAK  FREE PAPERS SESSION 6 – PAEDIATRIC DEFORMITY SURGICAL LEVEL SELECTION
1109 hrs  1118 hrs  1127 hrs  1138 hrs  1200 hrs  1200 hrs  1201 hrs  1210 hrs  1400 hrs	(ii) Shoulder Balance Matters: How To Select The Best UIV? Mun Keong Kwan  (ii) Can We Fuse Short And Still Achieve Balance: How To Select The Best LIV? Kota Watanabe  (iii) Is Maintaining Thoracic Kyphosis Important: What Corrective Maneuvers Should We Use?  Chris Yin Wei Chan  Q & A SESSION  CASE DISCUSSION  HONORARY LECTURE  Moderator: Shanmuganathan Rajasekaran  Introduction by Moderator  Conferment of Award to APSS Honorary Member  Durable Innovations In Spinal Surgery And Future Developments K 5 Sivananthan  LUNCH BREAK  FREE PAPERS SESSION 6 – PAEDIATRIC DEFORMITY SURGICAL LEVEL SELECTION  Moderators: Leok Lim Lau, Daisuke Sakai
1109 hrs  1118 hrs  1127 hrs  1138 hrs  1200 hrs  1200 hrs  1201 hrs  1210 hrs  1400 hrs	(ii) Shoulder Balance Matters: How To Select The Best UIV? Mun Keong Kwan  (ii) Can We Fuse Short And Still Achieve Balance: How To Select The Best LIV? Kota Watanabe  (iii) Is Maintaining Thoracic Kyphosis Important: What Corrective Maneuvers Should We Use?  Chris Yin Wei Chan  Q & A SESSION  CASE DISCUSSION  HONORARY LECTURE  Moderator: Shanmuganathan Rajasekaran  Introduction by Moderator  Conferment of Award to APSS Honorary Member  Durable Innovations In Spinal Surgery And Future Developments K 5 Sivananthan  LUNCH BREAK  FREE PAPERS SESSION 6 – PAEDIATRIC DEFORMITY SURGICAL LEVEL SELECTION  Moderators: Leok Lim Lau, Daisuke Sakai  Introduction by Moderators  Curve Overcorrection Predicts Coronal Imbalance In Selective Thoracic Fusion In Adolescent Idiopathic

<b>1409</b> hrs	Fusion Block Tilt Following Corrective Surgery In Lenke 5 Adolescent Idiopathic Scoliosis (AIS) Weng Hong Chung
<b>1412</b> hrs	Validation Of The Predictive Formula For Optimal Upper Instrumented Vertebra (UIV) Tilt Angle (Based On Pre-Operative Erect Radiograph) In Adolescent Idiopathic Scoliosis (AIS): A Comparison With The Calculated Optimal UIV Tilt Angle Derived From The Supervised Supine Side Bending Films (SSBF) Weng Hong Chung
<b>1415</b> hrs	A Dedicated Spine Team Approach Optimised The Efficiency Of Operating Theatre Utilisation While Maintaining A Standard Patient Care In Adolescent Idiopathic Scoliosis Surgery <i>Sin Ying Lee</i>
<b>1418</b> hrs	Comparison Of Perioperative Outcomes Among Adolescent Idiopathic Scoliosis (AIS) Patients Operated By A Dedicated Spine Team Approach: Were There Any Differences Between The First, Second And The Last Case? <i>Sin Ying Lee</i>
<b>1421</b> hrs	Q & A SESSION
<b>1430</b> hrs	SYMPOSIUM 5 SURGICAL VIDEO TECHNIQUES Moderators: Shanmuganathan Rajasekaran, Mun Keong Kwan
1430 hrs	Introduction by Moderators
<b>1432</b> hrs	Instability In Spinal Tuberculosis Pankaj Kandwal
<b>1442</b> hrs	AIS Correction Techniques Abhishek Srivastava
<b>1452</b> hrs	Spinal Osteotomy: Management Of Neglected Adult Congenital Kyphosis Using PVCR M Arif Khan
<b>1502</b> hrs	Endoscopic Decompression For Spinal Stenosis Using Biportal Approach Transforaminal Or Interlaminar <i>Si-Young Park</i>
<b>1512</b> hrs	Q & A SESSION
<b>1530</b> hrs	FREE PAPERS SESSION 7 – CERVICAL ALIGNMENT & HIGH CERVICAL PATHOLOGY  Moderators: Torphong Bunmaprasert, Dong-Ho Lee
<b>1530</b> hrs	Introduction by Moderators
<b>1532</b> hrs	The Alternation Of Junctional Levels After Decompression And Alignment Correction For Cervical Kyphotic Deformity Induced Multilevel Cervical Myelopathy: A Retrospective Case Analysis <i>Hao-Wen Chen</i>
<b>1535</b> hrs	Comparison Between The Bone Union Rates Using Auto-Iliac Bone And Bone Morphogenetic Protein Without Auto Bone In A Posterior Atlantoaxial Fusion Procedure: Results From A Minimum 1-Year Follow-Up <i>Sang Yun Seok</i>
<b>1538</b> hrs	Predictive Equations For Cervical Lordosis And T1 Slope Of Young Adult Population Without Any Neck Symptoms: Analysis Of 171 Radiographs <i>Shankar Acharya</i>
<b>1541</b> hrs	The Risk Of Injury To The Internal Carotid Artery During C1 Lateral Mass Screw Fixation Ryo Kitagawa
<b>1544</b> hrs	Q & A SESSION
<b>1600</b> hrs	COFFEE BREAK
<b>1630</b> hrs	FREE PAPERS SESSION 8 – ADULT SPINAL DEFORMITY  Moderators: Chi-Chien Niu, Sharif Ahmed Jonayed
<b>1630</b> hrs	Introduction by Moderators
<b>1632</b> hrs	Sarcopenia In Paraspinal Muscle As A Risk Factor Of Proximal Junctional Kyphosis And Proximal Junctional Failure After Adult Spinal Deformity Surgery <i>Jin Seong Park</i>
<b>1636</b> hrs	Comparison Of Proximal And Distal Junctional Failures After Long Fusion Arthrodesis Stopping At L5: Incidences And Risk Factors <i>Sang-Il Kim</i>
<b>1639</b> hrs	Surgical Strategy-Oriented Classification For The Patients With Severe Dynamic Sagittal Imbalance <i>Yong-Chan Kim</i>

<b>1642</b> hrs	Comparison Of Surgical Outcomes Between 3-Column Osteotomy And Anterior-Posterior Fusion For Osteoporotic Vertebral Fracture <i>Shinji Takahashi</i>
<b>1645</b> hrs	Difference Of Postoperative Radiologic Change On Sacro-Iliac Joint By Multi-Factors In Adolescent Idiopathic Scoliosis <i>Sang-Ho Kim</i>
<b>1648</b> hrs	Erector Spinae Atrophy/Fatty Degeneration Is A Risk Factor For The Development Of Adult Spinal Deformity – Results Of A 6-Year Follow-Up Of A Large Cohort Of Residents <i>Keiji Nagata</i>
<b>1651</b> hrs	The Role Of SPECT/CT In Analysing The Radiographic Prevalence Of Asymptomatic Degenerative Spondylosis In A Consecutive Cohort Of Patients Presenting With Cancer <i>Darren Lui</i>
<b>1654</b> hrs	Q & A SESSION
1700 hrs	COMBINED KSSS-APSS SYMPOSIUM 6 HOW TO AVOID COMPLICATIONS IN ADULT SPINAL DEFORMITY SURGERY? Moderators: Hee-Kit Wong, Yukihiro Matsuyama, Young-Woo Kim
1700 hrs	Introduction by Moderators
1702 hrs	How To Select The LIV: Should We Always Fuse To The Ilium To Avoid DJK Jason Pui Yin Cheung
<b>1710</b> hrs	How To Select UIV To Avoid PJK? So Kato
<b>1718</b> hrs	So Many Classifications And So Many Radiographic Lines: Which One To Use? Brian Hsu
1726 hrs	How To Plan And Surgically Achieve An Ideal Lumbar Lordosis In ASD Kyu Jung Cho
1734 hrs	Does Coronal Balance Still Matters In ASD? Kota Watanabe
1742 hrs	Q & A SESSION
1752 hrs	CASE DISCUSSION
<b>1830</b> hrs	FREE PAPERS SESSION 9 – PAEDIATRIC DEFORMITY CURVE PROGRESSION & OUTCOME STUDIES Moderators: Muhammad Jawad Saleem, Alvin Pun
<b>1830</b> hrs	Introduction by Moderators
<b>1831</b> hrs	The Relationship Between Compliance Of Physiotherapeutic Scoliosis Specific Exercises And Curve Regression With Mild To Moderate Adolescent Idiopathic Scoliosis <i>Jason Pui Yin Cheung</i>
<b>1834</b> hrs	Randomized Controlled Trial Comparing Immediate Versus Gradual Brace Weaning For Adolescent Idiopathic Scoliosis <i>Jason Pui Yin Cheung</i>
<b>1837</b> hrs	A Risk Quantification Reference Table For Progressed Adolescent Idiopathic Scoliosis Surgery: An Exact Case Matched Outcomes Analysis <i>Jun-Hao Tan</i>
<b>1840</b> hrs	Multicenter Validation Of Using The Distal Radius And Ulna (DRU) Classification To Predict Scoliosis Progression – APSS Scoliosis Focus Group Study <i>Hideyuki Arima</i>
<b>1843</b> hrs	The Impact On Spinal Deformity Progression Among Pediatric Patients With Sma Treated With Nusinersen <i>Kenny Yat Hong Kwan</i>
<b>1846</b> hrs	Perception Of Spinal Deformity Among Patients With Adolescent Idiopathic Scoliosis Leok Lau Lim
<b>1849</b> hrs	Comparison Of The Assessment Of Sanders Skeletal Maturity Using Single Low Radiation Dose Eos Spine Hand Radiography And Conventional Hand Radiography <i>Glenys Poon</i>
<b>1852</b> hrs	Q & A SESSION
<b>1900</b> hrs	APSS SOCIAL PROGRAMME: FUN & DINE  (APSS Gala/Official Dinner & Sightseeing)  (Attended by APSS Faculty and Invited Guests only)

END OF SESSION DAY 2