

SSA 2020 VIRTUAL MEETING

FRIDAY 13.11.2020

PROGRAM

SPINE SOCIETY OF
AUSTRALIA
VIRTUAL MEETING 2020

FRIDAY, 13 NOV. 2020

PROGRAM

0900: WELCOME & INTRODUCTION

SSA President: A/Prof Matthew Scott-Young
SSA Scientific Secretary: A/Prof John Costi

0910 - 1010 SESSION 1: LUMBAR SPINE

Chair: Dr Rob Kuru

0910 - 0920	Gideon R Budiono	Predictive model for clinical outcome in DDD patients undergoing L5/S1 ALIF
0920 - 0930	Dr Ata Kasis	Novel technique in combining autograft iliac crest and allograft in Anterior Lumbar Interbody Fusion (NorthumbriaTechnique), 100 consecutive patients.
0930 - 0940	Dr Ata Kasis	Functional and radiological outcomes of anterior lumbar interbody fusion (ALIF) for the treatment of symptomatic recurrent lumbar disc prolapse. 66 consecutive cases
0940 - 0950	Dr Mina Asaid	Restoring spinopelvic harmony with lateral lumbar interbody fusion: Is it a realistic goal?
0950 - 1000	Dr David Klyne	Circulating adipokines in predicting the transition from acute to persistent low back pain
1000 - 1010	Dr Xiaolong Chen	Variations in Primary Discectomy and Revision Surgery for Lumbar Disc Herniations: An Online Survey of Neuro- and Spine Surgeons in Australia and New Zealand

Break

1040 - 1120 SESSION 2: CERVICAL SPINE / SPINAL TRAUMA

Chair:
Prof Brian Freeman

1040 - 1050	Nicholas Hui	Complications of cervical total disc replacement and their associations with heterotopic ossification: a systematic review and meta-analysis
1050 - 1100	Andrei Bokov	Factors that Influence Pedicle Screw Instrumentation Failure in Patients with Unstable Thoracolumbar and Lumbar Spine Injuries
1100 - 1110	Mr Melvin Ng	Initial stability and cage migration within cervical constructs using 3D-printed Generic vs Patient-Specific interbody devices for Anterior Cervical Discectomy and Fusion (ACDF): An in-vitro study
1110 - 1120	Verinder Sidhu	3D Printed Models can Guide Safe Halo Pin Placement in Patients with Diastrophic Dysplasia

Break

1150 - 1240 SESSION 3: BASIC SCIENCE / BIOMECHANICS

Chair:
A/Prof J Paige Little

1150 - 1200	Dr Barry Kweh	A Comparison of Modified Frailty Index (mFI) Variations for the Prediction of Spine Surgery Related Morbidity and Mortality in the Elderly
1200 - 1210	Catherine Choi	Using sequential MRI to quantify healthy growth in thoracic vertebral bodies of adolescent females: preliminary methods and results
1210 - 1220	Dr Hui Lee	Independent Predictors of Staphylococcal Infection in Posterior Instrumented Spinal Surgeries
1220 - 1230	PhD Peter Pivonka	Insights into trabecular bone adaptation in adolescent idiopathic scoliosis using microCT analysis
1230 - 1240	Mr Lionel Rayward	Application of 3D Modelling Techniques for Prediction of Deep Tissue Pressure Injuries interfacing the Coccyx and Sacrum

PROGRAM

Break

1330 - 1430 SESSION 4: SPINAL DEFORMITY

Chair:
A/Prof Matthew Scott-Young

1330 - 1340	Prof Brian J C Freeman	Do children with spinal deformity who have metal implants and frequent exposure to X-rays increase their risk of cancer?
1340 - 1350	Dr Caroline Grant	Effect of surgical correction on torso segmental symmetry and rotation in Adolescent Idiopathic Scoliosis
1350 - 1400	Dr Hardy Jennings	Three-dimensional morphometric analysis of growth at the apical vertebra in adolescent idiopathic scoliosis
1400 - 1410	Dr Simon Gatehouse	Effect of spinal bracing on curve magnitude in coronal and axial planes in adolescent scoliosis utilizing EOSTM imaging.
1410 - 1420	A/Prof J Paige Little	An FE investigation of vertebral body tethering surgery: A preliminary study
1420 - 1430	Mr Fraser Labrom	Sequential MRI Reveals Vertebral Body Wedging Significantly Contributes to Coronal Plane Deformity Progression in Adolescent Idiopathic Scoliosis during Growth

Break

1450 - 1530 SESSION 5: LOW BACK PAIN

Chair: Dr Ralph Stanford

1450 - 1500	Ms Nathalia Cordeiro da Costa	Low back pain flares: Is a "flare" the same as an increase in pain?
1500 - 1510	Dr R S Chahal	Unilateral laminotomy and bilateral decompression compared to conventional laminectomy in decompression of lumbar spinal canal stenosis: A randomized prospective study
1510 - 1520	Prof Paul Hodges	Can poor sleep and sedentary behaviour trigger a low back pain flare? Objective measures from wearable sensors
1520 - 1530	Dr Vishnu Prasath	Posterior Vertebral column resection for correction of rigid spinal deformity

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