

Programme



16th International Phillip Zorab Symposium

Smock Alley Theatre, Dublin, Ireland
20th - 21st June, 2019

Programme Thursday 20th June, 2019

Time	Session	Speaker
0800-0900	Registration - tea and coffee	
0900 - 1100	Session 1, Moderators: Julian Leong and Andrew Clarke	
0900-0910	Welcome and housekeeping	Patrick J Kiely
0910-0940	Growth and how to assess it	James O Sanders
0940-0945	Insight into how to use multiple skeletal maturity indices for growth assessment: correlation between olecranon, digital and wrist classification systems	Prudence Wing Hang Cheung
0945-0950	A large-scale genome wide association study to identify 20 loci associated with adolescent idiopathic scoliosis in the Japanese	Nao Otomo
0950-0955	Identification of a plasma microRNA signature for predicting curve progression in adolescent idiopathic scoliosis – a 6-year longitudinal follow-up study	Jiajun Zhang
0955-1000	A new modified Luque trolley technique in the treatment of early onset scoliosis - a long-term follow-up of a case series	Andrew Cottam
1000-1005	Unhealthy sagittal profiles (posture) and serious (neuro-)muscular tightness in Dutch youth	Piet Van Loon
1005-1010	Surgical management of severe adolescent idiopathic scoliosis (Cobb angle >90 degrees): outcomes, difficulties, complications, and pitfalls	Patrick J Kiely
1010-1030	Questions	
1030-1100	Disordered growth as a paradigm for adolescent idiopathic scoliosis	René Castelein
1100-1130	Morning coffee	
1130-1300	Session 2, Moderators: Pat Kiely and René Castelein	
1130-1135	How do we decide when to wean brace treatment in adolescent idiopathic scoliosis? Reducing curve progression risk by use of standardised skeletal maturity parameters	Jason Pui Yin Cheung
1135-1140	Univalva brace in the conservative treatment of early onset scoliosis	Tiziana Greggì
1140-1145	Use of ultrasonic bone scalpel in the posterior correction of adolescent idiopathic scoliosis: a safety review	Masood Shafay
1145-1150	Biallelic loss of function mutations in TBX6 and LFNG in a spectrum of spinal disorders including congenital scoliosis and spondylocostal dysostosis	Nao Otomo
1150-1155	Evidence of intrinsic impairment of osteoblast phenotype at the curve apex in girls with adolescent idiopathic scoliosis	Matthew Newton Ede
1155-1200	50% primary correction of idiopathic scoliosis treatment: fiction or reality?	Christian Grasl
1205-1215	The effect of compliance with a Rigo System Cheneau brace and a specific exercise programme on idiopathic scoliosis curvature	LouAnn Rivett
1215-1230	Questions	
1230-1300	Cerebrospinal fluid flow defects and neuroinflammation drive idiopathic-like spinal curvature – a zebrafish school of thought	Brian Ciruna
1300-1400	Lunch	

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Time	Session	Speaker
1400-1530	Session 3, Moderators: Peter Millner and Brian Ciruna	
1400-1405	A novel method to capture the sagittal profile in spinal deformities: the reliability and feasibility of three-dimensional ultrasound imaging	Timothy Tin-Yan Lee
1405-1410	An evidence-based account of the use of ultrasound for quantitative assessment of spinal deformity in idiopathic scoliosis: a prospective study using EOS radiography as the gold standard	Jiajun Zhang
1410-1415	Analysis of coronal-sagittal coupling of the spine by using ultrasound on patients with adolescence idiopathic scoliosis	Timothy Tin-Yan Lee
1415-1420	Detection of coronal scoliotic curve profile alternation of patients with adolescent idiopathic scoliosis from upright sitting to forward bending	Wei Wei Jiang
1420-1425	Respiratory function in early onset scoliosis: a narrative review	Zachary Osman
1425-1445	Questions	
1445-1530	New respiratory perspectives in early onset scoliosis	Gregory J Redding
1530-1600	Afternoon coffee	
1600-1730	Session 4, Moderators: Andrew Clarke and Michael Hutton	
1600-1630	Debate: Is apical control fundamental to the successful outcome of early onset scoliosis For - Amer Samdani Against - Patrick J Kiely	Patrick J Kiely and Amer Samdani
1630-1645	Stapling: what did we learn?	James O Sanders
1645-1715	Tangled - personal overview of anterior vertebral body tethering	Amer Samdani
1715-1730	Any questions Posters	

Programme Friday 21st June, 2019

Time	Session	Speaker
0800-0900	Registration - tea and coffee	
0900-1100	Session 5, Moderators: Richard Gross and Jennifer Sargent	
0900-0915	Scoliosis Priority Setting Partnership	Jeremy Fairbank
0915-0920	Anterior versus posterior approaches for idiopathic adolescent thoracolumbar scoliosis (Lenke 5): a cost comparison	Alekos Theologis
0920-0925	Larger curve magnitudes (>70 degrees) in adolescent idiopathic scoliosis are associated with significantly higher cost of surgical treatment and a delayed return to function	Patrick J Kiely
0925-0930	Prevention of neural complications in the surgical treatment of scoliosis and neurophysiological intraoperative monitoring	Tiziana Greggì
0930-0935	Philosophy and strategy in the surgical treatment of adolescent idiopathic scoliosis	PierPaolo Mura
0935-0940	Law of diminishing return in neuromuscular early onset scoliosis treated with a rib to pelvis-based distraction device	Norman Ramirez
0940-1000	Questions	
1000-1030	Avon Longitudinal Study of Parents and Children (Alspac) - latest insights	Emma Clark
1030-1100	Which radiological parameters count for the best functional outcomes in scoliosis?	James Sanders
1100-1130	Morning coffee	
1130 - 1305	Session 6, Moderators: Jennifer Sargent & Andrew Clarke	
1130 - 1135	Patient and guardian perceptions and satisfaction with incisional scars after anterior thoracic spinal instrumentation for idiopathic scoliosis	Alekos Theologis
1135-1140	Dietary habits have no relationship with adolescent idiopathic scoliosis: analysis of quantitative data for dietary intakes	Kota Watanabe
1140-1145	Efficacy of thoracic expansion devices and spinal corrective procedures in the treatment of congenital scoliosis	Nikita Khusainov
1145-1150	Preventing scoliosis: early signs at the prediagnosis stage	Angelika Koukianakis
1150-1155	A temporary costo-pelvic distractor for intra-operative spinal deformity reduction facilitated scoliosis correction surgery in severe deformity	Patrick J Kiely
1155-1215	Questions	
1215-1245	Debate: Braid versus bolt - is there enough evidence for vertebral body tethering in the definitive treatment of adolescent idiopathic scoliosis? Against - Ashley Cole For - Amer Samdani	Ashley Cole V Amer Samdani
1245-1315	Bracing	Ashley Cole
1315-1415	Lunch	

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