



ANZSPED 2023 ASM

RACV CAPE SHANCK, VICTORIA

19 - 22 NOVEMBER 2023

40 years of conferencing

## ANZSPED ASM 2023 PROGRAM

### SUNDAY 19 NOVEMBER

12.00pm	<b>Registration open (12.00pm – 6.00pm)</b>		<b>Great Southern Ballroom</b>
	<b>Lunch (12.00pm – 1.15pm)</b>		<b>Great Southern Ballroom</b>
	<b>Speaker prep open (12.00pm – 5.00pm)</b>		<b>Bass 5 room</b>
1.15pm	<b>PRACTICAL STREAM OPENING</b> Chair: Kristine Heels		<b>Horizon Ballroom 2</b>
1.30pm	<b>PRACTICAL STREAM: RESEARCH AND RESOURCES TO SUPPORT PARENTAL MENTAL HEALTH</b> Chair: Jaime von Drehnen		<b>Horizon Ballroom 2</b>
	1.30pm	How a Mother Learnt to Dance in the Rain - Increasing a parent's capacity to parent a child with a chronic condition <i>Angie Manzke, Reflective Haven, Qld</i>	
	1.50pm	Exploring parental mental health with confidence – “If you're okay, they're okay” - A mental health resource for parents and carers supporting children and teens living with type 1 diabetes <i>Simone Collins &amp; Elissa Jacobs, Canberra Health Services, ACT</i>	
	2.20pm	Developing digital wellbeing tools to support parental wellbeing <i>Anna Serlachius, University of Auckland, NZ</i>	
	2.40pm	Panel discussion	
3.00pm	<b>Afternoon tea</b>		<b>Great Southern Ballroom</b>
3.30pm	<b>PRACTICAL STREAM: APPLYING DIABETES TECHNOLOGY ACROSS THE AGES</b> Chair: Niamh Howley		<b>Horizon Ballroom 2</b>
	3.30pm	HCL in very young children with T1D <i>Julia Ware, University of Cambridge, UK</i>	
	4.00pm	Navigating technologies in primary schools <i>Adele Connor, A/CNS- Diabetes in Schools Program, Perth Children's Hospital, WA</i>	
	4.20pm	Is technology always the answer in adolescents? <i>Lucy Casson, Total Diabetes Care, NSW</i>	
	4.40pm	Panel discussion	
5.00pm	Close of day		
	<b>Welcome Reception (5.00pm – 7.00pm)</b>		<b>Great Southern Ballroom</b>



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**ANZSPED ASM 2023 PROGRAM****MONDAY 20 NOVEMBER**

7.30am	<b>Registration open (7.30am – 6.15pm)</b>		<b>Great Southern Ballroom</b>
	<b>Speaker prep open (7.30am – 5.00pm)</b>		<b>Bass 5 room</b>
8.30am	<b>PLENARY SESSION</b>		<b>Horizon Ballroom</b>
	<b>Chair: Louise Conwell</b>		
	8.30am	<b>Welcome to Country &amp; Opening Ceremony</b>	
8.45am	<b>ROBERT VINES LECTURE</b>		
	What's new in genetics of paediatric osteoporosis <i>Outi Mäkitie, University of Helsinki and Helsinki University Hospital, Finland</i>		
09.45am	<b>MORNING TEA AND POSTER VIEWING</b>		<b>Great Southern Ballroom</b>
	<b>Dietitians session</b>		<b>Horizon Ballroom</b>
	<b>Chair: Sharon Youde</b>		
	<i>Open to all ANZSPED members attending in person; and Dietitians who are ANZSPED members but not attending in person can register for the zoom link.</i>		
09.50am	Tackling the challenges of food behaviours in young children with T1D <i>Elisabeth Jelleryd, Karolinska University Hospital &amp; Karolinska Institute, Sweden</i>		
10.20am	Discussion		
10.45am	<b>EMERGING INVESTIGATOR PRESENTATIONS</b>		<b>Horizon Ballroom</b>
	<b>Chair: Jenny Batch</b>		
	10.45am	TSH Receptor Antibody (TRAb) levels and the spectrum of response to Maternal Autoimmune Thyrotoxicosis (MAT) in infants <i>Rachel Debono, Sydney Children's Hospital Network, NSW</i>	
	11.00am	Improved glycaemic outcomes with diabetes technology use independent of socioeconomic status in Australian youth with type 1 diabetes <i>Kate Lomax, Perth Children's Hospital, WA</i>	
	11.15am	RNA Sequencing of Urine-Derived Cells for the Characterization and Diagnosis of Primary Bone Disorders <i>Karissa Ludwig, Queensland Children's Hospital, Qld</i>	
	11.30am	Macrophage sub-types and their role in the development of Type 1 Diabetes <i>Sarah Pinto, Murdoch Children's Research Institute, Royal Children's Hospital, Vic</i>	
	11.45am	A complex and dynamic journey: family planning decision-making for parents of children with congenital adrenal hyperplasia <i>Jessica Sandy, The Children's Hospital At Westmead, NSW</i>	
	12.00pm	A randomised crossover trial comparing glucose control using a Hybrid closed loop system between different exercise types in adolescents with type 1 diabetes <i>Rowen Seckold, John Hunter Children's Hospital, NSW</i>	
12.15pm	<b>LUNCH</b>		<b>Great Southern Ballroom</b>
	<b>Diabetes Nurse Educators Meeting</b>		<b>Flinders 1 room</b>



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**ANZSPED ASM 2023 PROGRAM****MONDAY 20 NOVEMBER**

1.30pm	<b>SCIENTIFIC SESSION: NEUROENDOCRINE TUMOURS</b> Chair: Margaret Zacharin Horizon Ballroom 1		<b>PRACTICAL STREAM: FOOD ACROSS THE AGES</b> Chair: Meredith Purvis & Dean Paningbatan Horizon Ballroom 2	
	Characterizing Pheochromocytoma and Paraganglioma in Youth – Genotype, Imaging and Malignant Risk <i>Nalini S Shah, Emeritus Professor, K E M Hospital, India</i>		1.30pm	Finding common ground and dialogue. Yhunger reflections on food needs and youth engagement <i>Rowena Yamazaki, Sydney Local Health District, NSW</i>
			1.55pm	Nutrition education in the HCL era - will this change our practice? <i>Michelle Fuery, Queensland Children's Hospital, Qld</i>
2.15pm	<b>SPEED POSTER TALKS</b> Chair: Kris Neville See full list of speed posters at the end of the program.		2.20pm	Managing Type 2 Diabetes <i>Teagan Louis, Central Australian Aboriginal Congress, NT</i>
			2.45pm	Panel discussion
3.00pm	<b>AFTERNOON TEA</b> <span style="float: right;"><b>Great Southern Ballroom</b></span>			
3.30pm	<b>SCIENTIFIC SESSION: BIOLOGY OF TYPE 1 DIABETES</b> Chair: Kerry Buchanan Horizon Ballroom 1		<b>PRACTICAL STREAM: THE HIGHS AND LOWS OF HORMONES</b> Chair: Kat Prior & Bin Moore Horizon Ballroom 2	
3.30pm	T1DM Immunotherapy Collaboration- What's coming soon? <i>Michelle So, Austin Health and Northern Health, Vic</i>		<b>Case study 1 – multiple pituitary hormone deficiency issues</b>	
			3.30pm	Initial and ongoing education through the ages <i>Kate Williams, The Women and Children's Hospital, SA</i>
			3.45pm	Educating the educators <i>Jess Harper, Sydney Children's Hospital, NSW</i>
			4.00pm	Guided discussion
4.15pm	Stem cell therapy in type 1 diabetes <i>Jacqueline Schiesser, Murdoch Children's Research Institute, Vic</i>		<b>Case Study 2 – hyperinsulinism</b>	
			4.15pm	The beta cell behaving badly <i>Fran Gehrmann, Perth Children's Hospital, WA</i>
			4.30pm	Family education - CGM in HI provides visibility and peace of mind <i>Rachel Romans, Child and Adolescent Health Service, WA Health, WA</i>
			4.45pm	Guided discussion
5.00pm	<b>SCIENTIFIC SESSION</b> <span style="float: right;"><b>Horizon Ballroom 1</b></span>			
	Chair: TBC			
5.00pm	Drinks and nibbles			<b>Horizon Ballroom Foyer</b>
5.15pm	Treatment burden and management challenges in children with multi-hormone-related conditions <i>Maria Craig &amp; Bin Moore, The Children's Hospital at Westmead</i>			
6.15pm	<b>Casual picnic dinner (6.15pm – 9.00pm)</b>			<b>Lawns of RACV</b>



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**ANZSPED ASM 2023 PROGRAM****TUESDAY 21 NOVEMBER**

7.30am	<b>Registration open (7.30am – 4.30pm)</b>		<b>Great Southern Ballroom Foyer</b>
	<b>Speaker prep open (7.30am – 4.30pm)</b>		<b>Bass 5 room</b>
8.00am	<b>Breakfast &amp; AGM</b>		<b>Horizon Ballroom</b>
9.30am	<b>SCIENTIFIC SESSION: CUSHINGS</b>		<b>Horizon Ballroom</b>
	<b>Chair: Tony Lafferty</b>		
	Challenges in Paediatric Cushing's - Optimal approaches to localization and management <i>Nalini S Shah, Emeritus Professor, K E M Hospital, India</i>		
10.30am	<b>MORNING TEA AND POSTER VIEWING</b>		<b>Great Southern Ballroom</b>
11.30am	<b>BONE AND MINERAL SYMPOSIUM: BEYOND BISPHTHONATE THERAPY - NEW THERAPEUTICS AND THE IMPORTANCE OF MULTIDISCIPLINARY CARE IN BONE FRAGILITY</b>		<b>Horizon Ballroom</b>
	<b>Chair: Peter Simm</b>		
11.30am	The role of MDT in the care of children with skeletal dysplasia <i>Outi Mäkitie, University of Helsinki and Helsinki University Hospital, Finland</i>		
12.05pm	Developing clinical practice guidelines for the use of denosumab in paediatric bone health <i>Joel Vanderniet, The Children's Hospital at Westmead, NSW</i>		
12.40pm	How can allied health and endocrinologists work together optimally in bone health clinics <i>Verity Pacey, Macquarie University, NSW</i>		
1.00pm	<b>LUNCH</b>		<b>Great Southern Ballroom</b>
2.00pm	<b>PLENARY SESSION</b>		<b>Horizon Ballroom</b>
2.00pm	Kahoot Quiz <i>Peter Simm, Royal Children's Hospital, Vic</i>		
2.15pm	<b>HOT TOPIC/CLINICAL CONUNDRUM: LOOPING YOUR LYMPHOCYTES- DO-IT-YOURSELF IMMUNOTHERAPY IN NEWLY DIAGNOSED PATIENTS. PRO'S/CON'S</b>		
	Chair: <i>Fergus Cameron, Royal Children's Hospital, Vic</i>		
	Vignette: <i>Gabby Atlas, Royal Children's Hospital, Vic</i>		
	Pro: <i>John Wentworth, Type1Screen, ATIC and ANZ TrialNet, Vic</i>		
	Con: <i>Jennifer Couper, Women's and Children's Hospital, SA</i>		
3.15pm	Registry Update <i>Andrew Biggin, The Children's Hospital at Westmead, NSW</i>		
4.00pm	<b>AFTERNOON TEA AND ANZSPED NETWORKING</b>		<b>Great Southern Ballroom</b>
4.00pm – 5.00pm	<b>Australasian T1D Immunotherapy Collaborative meet and greet</b>		<b>Flinders 1 room</b>
	Hosted by: A/Prof John Wentworth & Prof Tom Kay		
	<i>ATIC coordinates clinical trials of immunotherapy to preserve beta cell function and prevent type 1 diabetes. Come along to meet ATIC's lead investigators and find out how to get involved in our mission to deliver disease-modifying therapies to the clinic. Drinks and nibbles provided.</i>		
5.45pm	<b>Conference dinner (5.45pm – late)</b>		<b>Epicurean Red Hill</b>



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**ANZSPED ASM 2023 PROGRAM****WEDNESDAY 22 NOVEMBER**

8.00am	<b>Registration open (8.00am – 1.15pm)</b>		<b>Great Southern Ballroom Foyer</b>
	<b>Speaker prep open (8.00am – 12pm)</b>		<b>Bass 5 room</b>
9.00am	<b>FREE PAPERS</b>		<b>Horizon Ballroom</b>
	<b>Chair: Ben Wheeler</b>		
9.00am	Recombinant AAV-mediated delivery of CRISPR/Cas9 to the adrenal gland in the development of a gene editing approach for congenital adrenal hyperplasia <i>Lara Graves, The Children's Hospital At Westmead, NSW</i>		
9.10am	A multi-centre study of age-specific TSH reference intervals for thyroid function in the first year of life <i>Jacqueline Hewitt, Monash Children's Hospital, Vic</i>		
9.20am	A retrospective audit of long-term warfarin use on bone mineral density in a paediatric population. <i>Jack Lego, Royal Children's Hospital</i>		
9.30am	CGM access program for youth with T2D - What have we learnt 12 months on? <i>Mark Shah, Perth Children's Hospital, WA</i>		
9.40am	Comparison of glycaemic control during and outside of school hours in primary school aged children with type 1 diabetes <i>Stephen Paull, Perth Children's Hospital, WA</i>		
9.50am	Comparing glycemic outcomes between real-time continuous glucose monitoring (rt-CGM) and intermittently scanned continuous glucose monitoring (isCGM) among adults and children with type 1 diabetes: A systematic review and meta-analysis of randomized controlled trials <i>Yongwen Zhou, University Of Otago, NZ</i>		
10.00am	<b>NORMAN WETTENHALL SYMPOSIUM: THE GENETIC CLINICAL INTERFACE OF ENDOCRINE DISORDERS</b>		<b>Horizon Ballroom</b>
	<b>Chair: TBC</b>		
10.00am	Genetics of thyroid disorders of childhood <i>Margaret Zacharin, Royal Children's Hospital, Vic</i>		
10.30am	Congenital hypopituitarism - genotype--phenotype correlations that impact clinical management <i>Patricia Crock, John Hunter Hospital, NSW</i>		
11.00am	Advancing personalised care of Congenital Hyperinsulinism: the clinical – genetic interface <i>Louise Conwell, Queensland Children's Hospital, Qld</i>		
11.30am	<b>MORNING TEA</b>		<b>Great Southern Ballroom</b>
12.00pm	<b>SCIENTIFIC SESSION: ENDOCRINE ISSUES IN EMERGING ADULTS - AN UPDATE</b>		<b>Horizon Ballroom</b>
	<b>Chair: Elaine Tham</b>		
12.00pm	Late effects of childhood cancer- new therapies, new problems <i>Cathy Choong, Perth Children's Hospital, WA</i>		
12.30pm	Hormone replacement therapies in adolescent and young adult women- the old, the new and how to choose for who <i>Kate Stern, Royal Women's Hospital and Melbourne IVF, Vic</i>		
1.00pm	Conference close		
1.15pm	<b>LUNCH</b>		<b>Horizon Ballroom Foyer</b>
1.45pm	Buses depart from RACV to airport		



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## SPEED POSTER ABSTRACTS

2.15pm	P58	Physical activity measurement in youth with type 1 diabetes: validity of subjective tools and their discriminative value for identifying active vs. inactive youth <i>Craig Taplin, Perth Children's Hospital, WA</i>
2.19pm	P38	Evaluating Artificial Intelligence Models on Paediatric Diabetes Comprehension: A Comparative Study <i>Richard McGee, The University Of Newcastle, NSW</i>
2.23pm	P05	Evaluating clinical pathways and outcomes in individuals with Differences of Sex Development (DSD) <i>Gabby Atlas, Royal Children's Hospital, Melbourne, Vic</i>
2.27pm	P11	Clinical Guideline to Assess and Manage Disordered Eating/Eating Disorder in Children/Adolescents/Adults with Type 1 Diabetes <i>Neisha D'Silva, Mater Hospital, Brisbane, Qld</i>
2.31pm	P25	Multicentre analysis of normal serum prolactin in children outlines the previously unrecognised association of prolactin with pubertal timing <i>Sarah Hosking, North East Health Wangaratta, Vic</i>
2.35pm	P22	Denosumab as treatment for hypercalcaemia- a single centre experience <i>Annabelle Hobbs, Queensland Children's Hospital, Qld</i>
2.39pm	P43	Advanced hybrid closed-loop use in infants less than 2 years old with diluted insulin: a case series <i>Phuong Phan, Sydney Children's Hospital Randwick, NSW</i>
2.43pm	P44	Insulin to Carb Ratios for children under 3 years on AHCL substantially stronger than predicted for older children. <i>Phuong Phan, Sydney Children's Hospital Randwick, NSW</i>
2.47pm	P39	Management of congenital talipes equinovarus deformity in a paediatric patient with Osteogenesis Imperfecta: A Case Study <i>Kerry Myatt, Queensland Children's Hospital, Qld</i>
2.51pm	P50	Nurse Practitioner Intensive Intervention Clinic to improve Glycaemic Control and Healthcare Access in Paediatric Patients with Diabetes: A 12-Month Evaluation <i>Fiona Sellars, Queensland Children's Hospital, Qld</i>



## POSTER LISTING

P01	<b>Conservative management of diazoxide-unresponsive congenital hyperinsulinism: a case-series</b> <b>Dr Ashley Alexander</b> <sup>1</sup> , Dr Lara E Graves <sup>1,2</sup> , Associate Professor Paul Benitez-Aguirre <sup>1,2</sup> <sup>1</sup> Institute Of Endocrinology And Diabetes, The Children's Hospital At Westmead, , Australia, <sup>2</sup> Children's Hospital at Westmead Clinical School, Faculty of Medicine and Health, University of Sydney, , Australia
P02	<b>A case series of multinodular goitres associated with tumour predisposition syndromes</b> <b>Dr Eleanor Angley</b> <sup>1</sup> , Mr Stephen Farrell <sup>1,3,4</sup> , Prof Margaret Zacharin <sup>1,2</sup> <sup>1</sup> Royal Children's Hospital, Parkville, Australia, <sup>2</sup> Murdoch Children's Research Institute, Parkville, Australia, <sup>3</sup> St Vincent's Health, Fitzroy, Australia, <sup>4</sup> Austin Health, Heidelberg, Australia
P03	<b>Giant prolactinoma in a patient presenting with headaches and seizures</b> <b>Dr Eleanor Angley</b> <sup>1</sup> , Dr Lucy Collins <sup>1</sup> , Dr Michele O'Connell <sup>1,2,3</sup> , Prof Margaret Zacharin <sup>1,2</sup> <sup>1</sup> Royal Children's Hospital, Parkville, Australia, <sup>2</sup> Murdoch Children's Research Institute, Parkville, Australia, <sup>3</sup> University of Melbourne, Parkville, Australia
P04	<b>Outcomes of children diagnosed antenatally with sex chromosome aneuploidies</b> <b>Dr Eleanor Angley</b> <sup>1</sup> , A/Prof Francisca Grob <sup>1,2,3</sup> , A/Prof George McGillivray <sup>2,4</sup> , Dr Alison Archibald <sup>2,4,5</sup> , Ms Susan Fawcett <sup>6</sup> , A/Prof Lisa Hui <sup>2,5,6</sup> , Prof Margaret Zacharin <sup>1,2</sup> , Dr Mary White <sup>1,2,5</sup> <sup>1</sup> Royal Children's Hospital, Parkville, Australia, <sup>2</sup> Murdoch Children's Research Institute, Parkville, Australia, <sup>3</sup> Pontificia Universidad Católica de Chile, Santiago, Chile, <sup>4</sup> Victorian Clinical Genetics Services, Parkville, Australia, <sup>5</sup> University of Melbourne, Parkville, Australia, <sup>6</sup> Royal Women's Hospital, Parkville, Australia, <sup>7</sup> Northern Health, Epping, 3076
P06	<b>Improvements in glycaemic control in paediatric patients with type 1 diabetes after initiating variable rapid acting insulin dosing at diagnosis</b> <b>Dr Sarah Black</b> <sup>1,2,3</sup> , Dr Kate Lomax <sup>1,2</sup> , Dr Phoebe Stewart <sup>1</sup> <sup>1</sup> Royal Hobart Hospital, Hobart, Australia, <sup>2</sup> Perth Children's Hospital, Nedlands, Australia, <sup>3</sup> Women's and Children's Hospital, North Adelaide, Australia
P07	<b>Introduction of a monogenic diabetes checklist for all newly diagnosed children and adolescents with diabetes: a quality improvement (QI) project.</b> <b>Dr Sarah Black</b> <sup>1,2</sup> , Dr Jemma Anderson <sup>2</sup> , A/Prof Sunita De Sousa <sup>3,4</sup> , Dr Nicola Poplawski <sup>3,4</sup> , Dr Lesley Rawlings <sup>5</sup> , Dr Jenny Harrington <sup>2</sup> , Dr Elaine Tham <sup>2</sup> <sup>1</sup> Perth Children's Hospital, Nedlands, Australia, <sup>2</sup> Women's and Children's Hospital, North Adelaide, Australia, <sup>3</sup> Adult Genetics Unit, Central Adelaide Local Health Network, Adelaide, Australia, <sup>4</sup> Endocrine & Metabolic Unit, Royal Adelaide Hospital, Adelaide, Australia, <sup>5</sup> Genetics and Molecular Pathology Division, SA Pathology, Adelaide, Australia
P08	<b>Long-term Glucose and Psychosocial Outcomes in Youth with Type 1 Diabetes and High-risk Glycaemia Following Transition from Multiple Daily Injections to Advanced Hybrid Closed Loop</b> <b>Dr Alisa Boucsein</b> <sup>1</sup> <sup>1</sup> University Of Otago, Dunedin, New Zealand



P09	<p><b>Understanding more about Osteogenesis imperfecta in a cohort of patients at the Royal Children's Hospital</b> <b>Dr Lucy Collins<sup>1</sup></b>, Angelina Lim<sup>2,3,4</sup>, Sara Alwaheb<sup>4</sup>, Natalie San San Chee<sup>4</sup>, Chee Kuan Chew<sup>4</sup>, Giovanni George Ramzy Farag<sup>4</sup>, Katrina Gurdev<sup>4</sup>, Margaret Zacharin<sup>1,2,5</sup>, Peter Simm<sup>1,2,5</sup> <sup>1</sup>Department of Endocrinology, Royal Children's Hospital, , Australia, <sup>2</sup>Hormone Research, Murdoch Children's Research Institute, Royal Children's Hospital, , Australia, <sup>3</sup>Centre for Medicine Use and Safety, Monash University, , Australia, <sup>4</sup>Department of Pharmacy, , Australia, <sup>5</sup>Department of Paediatrics, , Australia</p>
P10	<p><b>Utilising Advanced Hybrid Closed Loop pump therapy in a patient with Cystic Fibrosis Related Diabetes and a high treatment burden</b> <b>Ms Justine Cunningham<sup>1</sup></b>, Ms Phuong Phan<sup>1</sup>, Ms Kara Mikler<sup>1</sup>, Doctor Helen Woodhead<sup>1</sup> <sup>1</sup>Sydney Children's Hospital, Randwick, Australia</p>
P12	<p><b>Diagnosing Coeliac Disease in Type 1 Diabetes: Are repeat raised antibodies sufficient?</b> <b>Dr Deborah Echerma<sup>1</sup></b>, Dr Carmel Smart<sup>3</sup>, Kate Collins<sup>1</sup>, Dr Bruce King<sup>2</sup>, Dr Scott Nightingale<sup>3</sup> <sup>1</sup>John Hunter Hospital, Newcastle, Australia, <sup>2</sup>University of Newcastle, Newcastle, Australia, <sup>3</sup>Hunter research institute, Newcastle, Australia</p>
P13	<p><b>Macronutrient intake in children and adolescents with type 1 diabetes and its association with glycaemic outcomes.</b> <b>Mrs Emma Fisher<sup>1</sup></b>, Dr Natasha Weaver<sup>2</sup>, Miss Alexandra Marlow<sup>2,3</sup>, Dr Bruce King<sup>1,2,3</sup>, Dr Carmel Smart<sup>1,2,3</sup> <sup>1</sup>Department of Paediatric Endocrinology and Diabetes, John Hunter Children's Hospital, New Lambton Heights, , Australia, <sup>2</sup>School of Medicine and Public Health, University of Newcastle, Callaghan, Australia, <sup>3</sup>Hunter Medical Research Institute, New Lambton Heights, , Australia</p>
P14	<p><b>Maximizing patient care with minimal resources – moving from an inpatient education model to a comprehensive outpatient model for Type 2 Diabetes Mellitus patients who do not require insulin initiation</b> <b>Miss Amelia Fisher<sup>1</sup></b>, Ms Meredith Purvis<sup>1</sup>, Ms Lauren Foulds<sup>1</sup> <sup>1</sup>The Royal Children's Hospital, Melbourne, Australia</p>
P15	<p><b>Intensive, medically supervised weight loss to overcome severe obesity in a non-ambulatory child with prader-willi syndrome</b> <b>Ms Michelle Fuery<sup>1</sup></b>, Dr Sarah McMahon<sup>2</sup>, Dr Romi Das Gupta<sup>3</sup>, Ms Yvette Quinlivan<sup>4</sup>, Ms Jodi Barry<sup>5</sup>, Dr Dallas Fowler<sup>6</sup> <sup>1</sup>Department of Dietetics and Food Services, Queensland Children's Hospital, South Brisbane, Australia, <sup>2</sup>Department of Diabetes &amp; Endocrinology, Queensland Children's Hospital, South Brisbane, Australia, <sup>3</sup>Department of Paediatric Surgery and Urology, Queensland Children's Hospital, South Brisbane, Australia, <sup>4</sup>Connected Care Program, Queensland Children's Hospital, South Brisbane, Australia, <sup>5</sup>Department of Pharmacy, Queensland Children's Hospital, South Brisbane, Australia, <sup>6</sup>Department of General Paediatrics, Queensland Children's Hospital, South Brisbane, Australia</p>
P16	<p><b>Outcomes of growth hormone treatment in children with Prader Willi Syndrome over a 30-year period at the Children's Hospital at Westmead</b> <b>Dr Dilhara Senani Gamage<sup>1</sup></b>, Dr Yoon Hi Cho<sup>1</sup>, Mr Albert Chan<sup>1</sup>, A/prof Shubha Srinivasan<sup>1</sup>, A/prof Ann Maguire<sup>1</sup>, Prof Geoffrey Ambler<sup>1</sup> <sup>1</sup>Children's Hospital at Westmead, Westmead, Australia</p>
P17	<p><b>Analysis of the paediatric hCG stimulation test using both immunoassay and mass spectrometry finds a previously unknown age-dependent response</b> <b>Dr Nicole Goff<sup>1</sup></b>, Dr Udara Senarathne<sup>2,3</sup>, Associate Professor Justin Brown<sup>1,4</sup>, Dr James Doery<sup>2,4</sup>, Dr Jacqueline Hewitt<sup>1,4</sup> <sup>1</sup>Department of Paediatric Endocrinology and Diabetes, Monash Children's Hospital, Melbourne, Australia, <sup>2</sup>Department of Pathology, Monash Health, , Melbourne, Australia, <sup>3</sup>Faculty of Medical Sciences, University of Sri Jayawardenepura, Colombo, Sri Lanka, <sup>4</sup>Faculty of Medicine, Monash University, Melbourne, Australia</p>





P18	<b>Assessing the metabolic disturbances in paediatric patients during their diabetic ketoacidosis episodes and analysing whether there are similarities of these severe disturbances with refeeding syndrome.</b> <b>Miss Radhika Gunda</b> <sup>1</sup> <i><sup>1</sup>Bond University, Robina, Australia</i>
P19	<b>Myositis secondary to carbimazole treatment for graves' disease</b> <b>Dr Madeleine Hall</b> <sup>1</sup> , Dr Annabelle Hobbs <sup>1</sup> , Dr Mark Harris <sup>1,2</sup> , Dr Karissa Ludwig <sup>1,2,3</sup> <i><sup>1</sup>Queensland Children's Hospital, South Brisbane, Australia, <sup>2</sup>School of Clinical Medicine, Faculty of Medicine, The University of Queensland, Brisbane, Australia, <sup>3</sup>Paediatric Musculoskeletal, Endocrine, and Diabetes Research Group (MED-Kids), Children's Health Research Centre, The University of Queensland, South Brisbane, Australia</i>
P20	<b>Pathological femoral fracture while on denosumab and treatment-resistant hypercalcaemia after cessation of denosumab therapy for giant cell granulomas</b> <b>Dr Madeleine Hall</b> <sup>1</sup> , Dr Karissa Ludwig <sup>1,2,3</sup> , Dr Andrew M Cotterill <sup>1</sup> , Dr Wayne Nicholls <sup>3,4</sup> , Dr Geoff Donald <sup>5</sup> , A/Prof Tony Huynh <sup>1,2,3,6</sup> , Prof Craig Munns <sup>1,2,3</sup> <i><sup>1</sup>Department of Endocrinology and Diabetes, Queensland Children's Hospital, South Brisbane, Australia, <sup>2</sup>Paediatric Musculoskeletal, Endocrine, and Diabetes Research Group (MED-Kids), Children's Health Research Centre, The University of Queensland, South Brisbane, Australia, <sup>3</sup>Faculty of Medicine, The University of Queensland, Brisbane, Australia, <sup>4</sup>Department of Oncology, Queensland Children's Hospital, South Brisbane, Australia, <sup>5</sup>Department of Orthopaedics, Queensland Children's Hospital, South Brisbane, Australia, <sup>6</sup>Department of Chemical Pathology, Mater Pathology, South Brisbane, Australia</i>
P21	<b>Sterile abscess in gonadotropin releasing hormone agonist (GnRHa)</b> <b>Dr Cindy Ho</b> <sup>1,2</sup> , Dr Pian Pian Tee <sup>4</sup> , Dr Sze Teik Teoh <sup>3</sup> , Prof Yung Seng Lee <sup>1,2</sup> <i><sup>1</sup>Khoo Teck Puat- National University Children's Medical Institute, National University Health System, Singapore, Singapore, <sup>2</sup>Department of Paediatrics, Yong Loo Lin School of Medicine, National University of Singapore, Singapore, Singapore, <sup>3</sup>Paediatric Department, Hospital Sultanah Bahiyah, Alor Setar, Malaysia, <sup>4</sup>Sabah Women and Children's Hospital, Kota Kinabalu, Malaysia</i>
P23	<b>Hyperinsulinaemic hypoglycaemia associated with PEG-asparaginase therapy for lymphoblastic leukaemia and lymphoma-A case series</b> <b>Dr Annabelle Hobbs</b> <sup>1,2</sup> , Dr Erin Sharwood <sup>1,2</sup> , Dr Trisha Soosay Raj <sup>2,3</sup> , Associate Professor Louise Conwell <sup>1,2</sup> <i><sup>1</sup>Department of Endocrinology and Diabetes, Queensland Children's Hospital, Brisbane, Australia, <sup>2</sup>Children's Health Queensland Clinical Unit, Greater Brisbane Clinical School, Medical School, Faculty of Medicine, University of Queensland, Brisbane, Australia, <sup>3</sup>Oncology Services Group, Queensland Children's Hospital, Brisbane, Australia</i>
P24	<b>Perioperative management of a pheochromocytoma in the setting of torsades de pointes</b> <b>Dr Annabelle Hobbs</b> <sup>1,2</sup> , Dr Jim Morwood <sup>2,3,4</sup> , Dr Peter Trnka <sup>2,5</sup> , Dr Karissa Ludwig <sup>1,2</sup> <i><sup>1</sup>Department of Endocrinology and Diabetes, Queensland Children's Hospital, Brisbane, Australia, <sup>2</sup>Faculty of Medicine, University of Queensland, Brisbane, Australia, <sup>3</sup>Department of Cardiology, Queensland Children's Hospital, Brisbane, Australia, <sup>4</sup>Queensland Paediatric Cardiac Service (QPCS), Brisbane, Australia, <sup>5</sup>Department of Nephrology, Queensland Children's Hospital, Brisbane, Australia</i>
P26	<b>Design and impact of a clinical nurse specialist-led diabetes technology service: a new model of care for youth with type 1 diabetes</b> <b>Ms Kathleen Irwine</b> <sup>1</sup> , Dr Craig Taplin <sup>1,2,3</sup> , Ms Kelly West <sup>1</sup> , Ms Katrina Ellis <sup>1</sup> , Professor Elizabeth Davis <sup>1,2,3</sup> , Dr Mary Abraham <sup>1,2,3</sup> <i><sup>1</sup>Perth Children's Hospital, Nedlands, Australia, <sup>2</sup>Children's Diabetes Centre, Nedlands, Australia, <sup>3</sup>University of Western Australia, Division of Paediatrics, Nedlands, Australia</i>



P27	<p><b>Empowerment, Carbohydrate Counting and Glycaemic Outcomes in Adolescents with Long Duration of Type 1 Diabetes</b> <b>Dietian Elisabeth Jelleryd</b><sup>1,2</sup>, Dr Carmel Smart<sup>3,4</sup>, Dr Anna-Lena Brorsson<sup>5</sup>, MD Ulrika Käck<sup>1</sup>, Associate Professor Anna Lindholm-Olinder<sup>1</sup> <sup>1</sup>Department of Clinical Science and Education, Södersjukhuset, Karolinska Institute, Stockholm, Sweden, <sup>2</sup>Medical Unit Clinical Nutrition, Karolinska University Hospital, Stockholm, Sweden, <sup>3</sup>Department of Paediatric Endocrinology, John Hunter Children's Hospital, Newcastle, Australia, <sup>4</sup>School of Health Sciences, University of Newcastle, Newcastle, Australia, <sup>5</sup>Department of Neurobiology, Care Sciences and Society, Karolinska Institute, Stockholm, Sweden</p>
P28	<p><b>Developing Australasian Periprocedural Consensus Guidelines for young people with diabetes, using co-design methodology.</b> <b>Dr Niamh Jennings</b><sup>1</sup>, Associate Professor Craig Jefferies<sup>2</sup>, Ms Leanne Crombe<sup>3</sup>, Associated Professor Martin de Bock<sup>1</sup> <sup>1</sup>Department of Paediatrics, University of Otago, Christchurch, New Zealand, <sup>2</sup>Department of Diabetes and Endocrinology, Starship Hospital, Auckland, New Zealand, <sup>3</sup>Telethon Kids Institute, Perth, Australia</p>
P29	<p><b>Subsequent device usage and caregiver attitudes to Do-It-Yourself real-time continuous glucose monitoring (DIY-rtCGM) among children with type 1 diabetes 3-months after participation in a randomized controlled trial</b> <b>Ms Shirley Jones</b><sup>1</sup>, Dr Yongwen Zhou<sup>1</sup>, Dr Mona Elbalsky<sup>1</sup>, Dr Sara Styles<sup>2</sup>, Dr Hamish Crockett<sup>3</sup>, Dr Craig Jefferies<sup>4,5</sup>, Dr Esko Wiltshire<sup>6,7</sup>, Dr Martin de Bock<sup>9,10</sup>, Professor Ben Wheeler<sup>1,8</sup> <sup>1</sup>University Of Otago, Dunedin, New Zealand, <sup>2</sup>Department of Human Nutrition, University of Otago, Dunedin, New Zealand, <sup>3</sup>Te Huataki Waiora School of Health, University of Waikato, Hamilton, New Zealand, <sup>4</sup>Starship Child Health, Te Whatu Ora – Health New Zealand, Auckland, New Zealand, <sup>5</sup>Liggins Institute, University of Auckland, Auckland, New Zealand, <sup>6</sup>Department of Paediatrics and Child Health, University of Otago Wellington, Wellington, New Zealand, <sup>7</sup>Paediatrics and Child Health, Te Whatu Ora/Health New Zealand, Wellington, New Zealand, <sup>8</sup>Paediatric Endocrinology, Te Whatu Ora/Health New Zealand - Southern, Dunedin, New Zealand, <sup>9</sup>Department of Paediatrics, University of Otago Christchurch, Christchurch, New Zealand, <sup>10</sup>Department of Paediatrics, Te Whatu Ora -Waitaha, Christchurch, New Zealand</p>
P30	<p><b>6-Month Subcutaneous Leuprorelin Acetate Achieved and Maintained Hormonal Suppression in Overweight Children</b> <b>Dr Juliana Lamoury</b><sup>3</sup>, Dr Matthew Benson<sup>1</sup>, Dr Deborah M. Boldt-Houle<sup>2</sup>, Dr Stuart N. Atkinson<sup>2</sup> <sup>1</sup>Division of Endocrinology, Diabetes &amp; Metabolism, Nemours Children's Health, Jacksonville, USA, <sup>2</sup>Medical Affairs, Tolmar Pharmaceuticals, Inc., Buffalo Grove, USA, <sup>3</sup>Medical Affairs, Mundipharma (presenter on behalf of the authors), Sydney, Australia</p>
P31	<p><b>6-month Subcutaneous Leuprorelin Acetate Increased Predicted Adult Height in Children with Central Precocious Puberty</b> <b>Dr Juliana Lamoury</b><sup>3</sup>, Ms Keisha Bird<sup>1</sup>, Dr Deborah Boldt-Houle<sup>2</sup>, Dr Stuart Atkinson<sup>2</sup> <sup>1</sup>Nemours Children's Health System, Jacksonville, USA, <sup>2</sup>Tolmar Pharmaceuticals, Inc., Buffalo Grove, USA, <sup>3</sup>Mundipharma, Sydney, Australia</p>
P32	<p><b>Education practices of dietitians across Australia and New Zealand around the management of dietary fat and protein in type 1 diabetes and the utility of continuous glucose monitoring: A survey evaluation</b> <b>Miss Evangeline Laurence</b><sup>1</sup>, Dr Tenele Smith<sup>1,2</sup>, Dr Kirrilly Pursey<sup>1,2</sup>, Dr Carmel Smart<sup>1,2,3</sup> <sup>1</sup>University Of Newcastle, Newcastle, Australia, <sup>2</sup>Hunter Medical Research Institute, New Lambton heights, Australia, <sup>3</sup>Department of Paediatric Endocrinology, John Hunter Children's Hospital, New Lambton Heights, Australia</p>



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P33	<p><b>Late diagnosis of X-linked hypophosphatemia in a 10 year old - A case report</b>  <b>Dr Chris Lawrence</b><sup>1,2,3</sup>, Dr Komal Vora<sup>1</sup>  <sup>1</sup>John Hunter Children's Hospital, New Lambton Heights, Australia,  <sup>2</sup>School of Medicine and Public Health, Callaghan, Australia,  <sup>3</sup>Hunter Medical Research Institute, New Lambton Heights, Australia</p>
P34	<p><b>From research to practice: the use of a co-design methodology to develop type 1 diabetes educational resources for community sport settings</b>  <b>Miss Rachel Lim</b><sup>1</sup>, Miss Alision Roberts<sup>1,2</sup>, Miss Joanne O'Dea<sup>1</sup>, Doctor Vinutha Shetty<sup>1,2,3</sup>, Miss Heather Roby<sup>1</sup>, Professor Elizabeth Davis<sup>1,2,3</sup>, Doctor Shaun Teo<sup>1,2,3</sup>  <sup>1</sup>Telethon Kids Institute, Perth, Australia,  <sup>2</sup>Department of Endocrinology and Diabetes, Perth Children's Hospital, Perth, Australia,  <sup>3</sup>Centre for Child Health Research, The University of Western Australia, Perth, Australia</p>
P35	<p><b>A pathogenic variant of the KDM3B gene associated with autoantibody negative familial hyperthyroidism: a previously unreported clinical feature of Diets-Jongmans Syndrome.</b>  <b>Dr Kate Lomax</b><sup>1,2</sup>, Professor Gareth Baynam<sup>2,3</sup>, Clinical Associate Professor Craig Taplin<sup>1,2,4</sup>  <sup>1</sup>Department of Endocrinology and Diabetes, Perth Children's Hospital, Australia,  <sup>2</sup>Telethon Kids Institute, The University of Western Australia, Australia,  <sup>3</sup>Department of Health, Genetic Services of Western Australia, Perth, Australia,  <sup>4</sup>Centre for Child Health Research, The University of Western Australia, Perth, Australia</p>
P36	
P37	<p><b>Clicks, Likes, and Lifelines: A Qualitative Examination of Social Media's Role in Type 1 Diabetes Support</b>  <b>Dr Richard McGee</b><sup>1</sup>  <sup>1</sup>The University Of Newcastle, Australia</p>
P40	<p><b>Growth during pubertal induction in girls with Turner Syndrome: a retrospective cohort analysis</b>  <b>Dr Joshua Nicholls</b><sup>1</sup>, Dr Mark Harris<sup>1</sup>, Dr Ian Hughes<sup>1</sup>, Dr Tony Huynh<sup>1</sup>, Dr Sarah McMahan<sup>1</sup>  <sup>1</sup>Children's Health Queensland, Brisbane, Australia</p>
P41	<p><b>Are Patient Attributes at Diagnosis and Transition linked to Positive Clinical Outcomes in Type 1 Diabetes Mellitus?</b>  <b>Dr Ann Nilsen</b><sup>1,2,3</sup>, Ailsa Marshall<sup>1</sup>, Dr Nghi Bui<sup>1</sup>, Lesley Sharon Youde<sup>1</sup>, Lena Lim<sup>1</sup>, Allyson Macdonald<sup>1,4</sup>, Sarah Bowes<sup>5</sup>, Nancy Briggs<sup>3</sup>, Dr Darshika Christie-David<sup>5,6</sup>, Dr Sally-Anne Duke<sup>5,6</sup>, Dr Ohn Nyunt<sup>1,2,3,6</sup>, Dr Kim Ramjan<sup>1,6,7</sup>, Dr Monique Stone<sup>1,8</sup>, Dr Amy Wanaguru<sup>1,3</sup>, Dr Shihab Hameed<sup>1,2,3,6</sup>  <sup>1</sup>Royal North Shore Hospital, Department of Paediatric Diabetes and Endocrinology, St Leonards, Australia,  <sup>2</sup>Sydney Children's Hospital, Department of Paediatric Endocrinology, Randwick, Australia,  <sup>3</sup>University of New South Wales, Kensington, Australia,  <sup>4</sup>The Children's Hospital at Westmead, Westmead, Australia,  <sup>5</sup>Royal North Shore Hospital, Department of Diabetes and Endocrinology, St Leonards, Australia,  <sup>6</sup>University of Sydney, Camperdown, Australia,  <sup>7</sup>Western Sydney University, Penrith, Australia,  <sup>8</sup>Campbelltown Hospital, Campbelltown, Australia</p>

P45	<p><b>A snapshot of Psychosocial Factors in Children and Young People presenting with Type 2 Diabetes Mellitus</b>  <b>Miss Meredith Purvis</b><sup>1</sup>, Miss Amelia Fisher<sup>1</sup>, Ms Lauren Foulds<sup>1</sup></p>
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	<sup>1</sup> Royal Children's Hospital, , Australia
P46	<b>Immobilisation Hypercalcaemia in a Paediatric Rehabilitation Population</b> <b>Dr Clinton Roddick</b> <sup>1</sup> , Dr Penelope Ireland <sup>2</sup> , Dr Tony Huynh <sup>1,3,4</sup> , Dr Karissa Ludwig <sup>1,3</sup> , Dr Ian Hughes <sup>5</sup> , Dr Kim McLennan <sup>2</sup> <sup>1</sup> Department of Endocrinology, Queensland Children's Hospital, South Brisbane, Australia, <sup>2</sup> Queensland Paediatric Rehabilitation Service, Queensland Children's Hospital, South Brisbane, Australia, <sup>3</sup> Centre for Children's Health Research, The University of Queensland, South Brisbane, Australia, <sup>4</sup> Department of Chemical Pathology, Mater Pathology, South Brisbane, Australia, <sup>5</sup> Office for Research Governance and Development, Gold Coast University Hospital, Southport, Australia
P47	<b>Hyperandrogenism, Hyperinsulinemia and Hypothyroxinemia: a rare manifestation of portal vein hypertension in a pre-menarchal girl</b> <b>Dr Kerri Rosettenstein</b> <sup>1</sup> , Dr Susan Russell <sup>1</sup> , Associate Professor Daniel Avi Lemberg <sup>1</sup> , Dr Kristen Neville <sup>1</sup> <sup>1</sup> Sydney Children's Hospital Randwick, Sydney, Australia
P48	<b>What is it like living with X-linked hypophosphataemia?: results from an Australian consumer survey.</b> <b>Dr Jessica Sandy</b> <sup>1</sup> , Naomi Ford <sup>2</sup> , A/Prof Christine Rodda <sup>3</sup> , A/Prof Aris Siafarikas <sup>4</sup> , A/Prof Andrew Biggin <sup>1</sup> , Prof Peter Simm <sup>5</sup> , Christie Walle <sup>1</sup> , Sandy Bevc <sup>2</sup> , Prof Craig Munns <sup>6</sup> <sup>1</sup> The Children's Hospital At Westmead, Westmead, Australia, <sup>2</sup> XLH Australia, Brisbane, Australia, <sup>3</sup> Sunshine Hospital, Melbourne, Australia, <sup>4</sup> Perth Children's Hospital, Perth, Australia, <sup>5</sup> Royal Children's Hospital, Melbourne, Australia, <sup>6</sup> The University of Queensland, Brisbane, Australia
P49	<b>Barriers to healthcare access for Māori and Pacific Islander families with chronic health conditions</b> <b>Ms Fiona Sellars</b> <sup>1</sup> <sup>1</sup> Queensland Children's Hospital, Australia
P51	<b>Investigating DNA methylation of metabolic and inflammatory genes with therapeutic potential for obesity: a cohort study in South African women</b> <b>Ms Ayesha Shaik</b> <sup>2</sup> , Prof Carmen Pfeiffer <sup>1</sup> , Prof Faadiel Essop <sup>2</sup> , Dr Tarryn Willmer <sup>1</sup> <sup>1</sup> Biomedical Research and Innovation Platform, South African Medical Research Council, Tygerberg, South Africa, <sup>2</sup> Division of Medical Physiology, Faculty of Medicine and Health Sciences, University of Stellenbosch, Tygerberg, South Africa
P52	<b>Improvements in psychological and diabetes self-care outcomes for children and adolescents attending diabetes camps, Auckland, New Zealand, 2023.</b> <b>Mrs Rita Sigley</b> <sup>1</sup> , Ms Anna Boggiss <sup>2</sup> , Dr Ben Albert <sup>3</sup> , Dr Dug Yeo Han <sup>1</sup> , Dr Craig Jefferies <sup>1</sup> <sup>1</sup> Starship Te Whatu Ora – Health New Zealand, Te Toka Tumai Auckland, Auckland, New Zealand, <sup>2</sup> Department of Psychology University of Auckland, Auckland, New Zealand, <sup>3</sup> Liggins Institute, University of Auckland, Auckland, New Zealand
P53	<b>Exploring how athletes with type 1 diabetes manage their condition alongside exercise: a qualitative study</b> <b>Ms Shania Smee</b> <sup>1,2</sup> , Dr Angela Spence <sup>1</sup> , Dr Rhiannon Halse <sup>1</sup> , Dr Vinutha Shetty <sup>2</sup> , Dr Elizabeth Davis <sup>2</sup> , Dr Raymond Davey <sup>1</sup> <sup>1</sup> Curtin University, Bentley, Australia, <sup>2</sup> Telethon Kids Institute, Nedlands, Australia
P54	<b>OUR STORIES: Parents of children born with a VSC</b> <b>Dr Denise Steers</b> <sup>1</sup> , Professor Esko Wiltshire <sup>1</sup> <sup>1</sup> University Of Otago, Wellington, New Zealand



P55	<p><b>Effective growth hormone (GH) replacement with once-weekly somapacitan in children with GH deficiency: 2-year results from REAL 4</b></p> <p><b>Dr Ana Svensson</b><sup>11</sup>, Dr Reiko Horikawa<sup>1</sup>, Dr Bradley S. Miller<sup>2</sup>, Dr Joanne C. Blair<sup>3</sup>, Mr Michael Højby Rasmussen<sup>4</sup>, Dr Aristides Maniatis<sup>5</sup>, Prof. Jun Mori<sup>6</sup>, Prof. Volker Böttcher<sup>7</sup>, Dr Ho-Seong Kim<sup>8</sup>, Ms Rikke Beck Bang<sup>9</sup>, Prof. Michel Polak<sup>10</sup></p> <p><sup>1</sup><i>Division of Endocrinology and Metabolism, National Center for Child Health and Development, Tokyo, Japan,</i> <sup>2</sup><i>Division of Pediatric Endocrinology, University of Minnesota Medical School, MHealth Fairview Masonic Children's Hospital, Minneapolis, USA,</i> <sup>3</sup><i>Department of Endocrinology, Alder Hey Children's NHS Foundation Trust, Liverpool, UK,</i> <sup>4</sup><i>Novo Nordisk A/S, Søborg, Denmark,</i> <sup>5</sup><i>Rocky Mountain Pediatric Endocrinology, Centennial, USA,</i> <sup>6</sup><i>Division of Pediatric Endocrinology and Metabolism, Children's Medical Center, Osaka City General Hospital, Osaka, Japan,</i> <sup>7</sup><i>Division of Pediatric Endocrinology and Metabolism, MVZ Endokrinologikum Frankfurt am Main, Germany,</i> <sup>8</sup><i>Department of Pediatrics, Severance Children's Hospital, Institute of Endocrinology, Yonsei University College of Medicine, Seoul, Republic of Korea,</i> <sup>9</sup><i>Novo Nordisk A/S, Aalborg, Denmark,</i> <sup>10</sup><i>Service d'Endocrinologie, Gynécologie et Diabétologie Pédiatriques, Hôpital Universitaire Necker Enfants Malades Paris, Assistance Publique-Hôpitaux de Paris, France,</i> <sup>11</sup><i>Novo Nordisk Oceania, North Sydney, Australia</i></p>
P56	<p><b>Patient preference questionnaire response after switching to somapacitan after taking daily growth hormone: 2-year results from REAL 4</b></p> <p><b>Dr Ana Svensson</b><sup>11</sup>, Prof. Jun Mori<sup>1</sup>, Dr Joanne C. Blair<sup>2</sup>, Dr Bradley S. Miller<sup>3</sup>, Mr Michael Højby Rasmussen<sup>4</sup>, Dr Aristides Maniatis<sup>5</sup>, Prof. Volker Böttcher<sup>6</sup>, Dr Ho-Seong Kim<sup>7</sup>, Ms Rikke Beck Bang<sup>8</sup>, Mr Lasse De Fries Jensen<sup>4</sup>, Prof. Michel Polak<sup>9</sup>, Dr Reiko Horikawa<sup>10</sup></p> <p><sup>1</sup><i>Division of Pediatric Endocrinology and Metabolism, Children's Medical Center, Osaka City General Hospital, Osaka, Japan,</i> <sup>2</sup><i>Department of Endocrinology, Alder Hey Children's NHS Foundation Trust, Liverpool, UK,</i> <sup>3</sup><i>Division of Pediatric Endocrinology, University of Minnesota Medical School, MHealth Fairview Masonic Children's Hospital, Minneapolis, USA,</i> <sup>4</sup><i>Novo Nordisk A/S, Søborg, Denmark,</i> <sup>5</sup><i>Rocky Mountain Pediatric Endocrinology, Centennial, USA,</i> <sup>6</sup><i>Division of Pediatric Endocrinology and Metabolism, MVZ Endokrinologikum Frankfurt am Main, Germany,</i> <sup>7</sup><i>Department of Pediatrics, Severance Children's Hospital, Institute of Endocrinology, Yonsei University College of Medicine, Seoul, Republic of Korea,</i> <sup>8</sup><i>Novo Nordisk A/S, Aalborg, Denmark,</i> <sup>9</sup><i>Service d'Endocrinologie, Gynécologie et Diabétologie Pédiatriques, Hôpital Universitaire Necker Enfants Malades Paris, Assistance Publique-Hôpitaux de Paris, France,</i> <sup>10</sup><i>Division of Endocrinology and Metabolism, National Center for Child Health and Development, Tokyo, Japan,</i> <sup>11</sup><i>Novo Nordisk Oceania, North Sydney, Australia</i></p>
P57	<p><b>Developing and optimising a method to extract cortisol from hair and quantify it using liquid-chromatography, tandem mass spectrometry (LC-MS/MS)</b></p> <p><b>Dr Claudia Swan</b><sup>1,2</sup>, Professor Wayne Cutfield<sup>1,2</sup>, Dr Ben Albert<sup>1,2</sup>, Dr Chris Pook<sup>1</sup></p> <p><sup>1</sup><i>The Liggins Institute, The University of Auckland, Auckland, New Zealand,</i> <sup>2</sup><i>Starship Children's Hospital, Auckland, New Zealand</i></p>



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P58	<p><b>Early detection of disordered eating among adolescents with type 1 diabetes: preliminary development of a novel screening tool utilizing technology, clinical and self-report items</b> <b>Dr Carmel Smart</b><sup>1</sup>, Ms Angelia Sarteau<sup>2</sup>, Dr Daria Igudesman<sup>3</sup>, Dr Tenele Smith<sup>4</sup>, Dr Mel Hart<sup>4</sup>, Prof Bruce King<sup>1</sup>, Prof Beth Mayer-Davis<sup>2</sup> <sup>1</sup>John Hunter Childrens Hospital, NSW <sup>2</sup>Department of Nutrition, University of North Carolina at Chapel Hill, USA; <sup>3</sup>AdventHealth Translational Research Institute, USA <sup>4</sup>College of Health, Medicine and Wellbeing, University of Newcastle, Australia</p>
P59	<p><b>Healthy weight and overweight adolescents with type 1 diabetes mellitus do not meet recommendations for daily physical activity and sleep</b> <b>Dr Carmel Smart</b><sup>1,2,3</sup>, Miss Alexandra Marlow<sup>1,2,3</sup>, Prof Bruce King<sup>1,2,3</sup>, Dr Natasha Weaver<sup>1,3</sup>, Prof Stewart Trost<sup>4,5</sup> <sup>1</sup>University Of Newcastle, Newcastle, Australia, <sup>2</sup>John Hunter Children's Hospital, Newcastle, Australia , <sup>3</sup>Hunter Medical Research Institute, Newcastle, Australia , <sup>4</sup>University of Queensland, Brisbane, Australia, <sup>5</sup>Queensland University of Technology, Brisbane, Australia</p>