

09.00 Registration desk open

## DIABETES TECHNOLOGY MASTERCLASS

10.00 **Interpretation of Downloads**  
Ms Lucy Cassan, Total Diabetes Care, NSW

10.25 **Optimizing settings to support high TIR stratified by system- what dials can we turn and when should we turn them**  
Ms Kathleen Irwine, Perth Children's Hospital, WA

10.45 **Post-prandial glycaemia as the limiter to higher TIR- challenging meals and AID**  
Ms Sarah Beer, Starship Hospital, NZ

11.05 **Managing Acute Unwellness on your Insulin Pump**  
Ms Rebecca Gebert, The Royal Children's Hospital, VIC

## WELCOME, OPENING AND ROBERT VINES LECTURE

12.00 **Welcome to Country & Opening Ceremony**  
**ANZSPED President:** Dr Peter Simm, Royal Children's Hospital, VIC

12.15 **ROBERT VINES LECTURE**  
**Youth Onset Type 2 Diabetes – Intergenerational Risk, Early Life Determinants and First Nations Perspectives**  
A/Prof Brandy Wicklow, University of Manitoba and Children's Hospital Research Institute of Manitoba, Canada

1.15 Lunch

## CONCURRENT SESSIONS

### POWERING UP DIABETES: HOW TECH AND EXERCISE ARE TEAMING UP

Chairs: Ms Meredith Purvis & Prof Liz Davis

### ENDOCRINOLOGY FREE PAPERS

Chair: Dr Kerry Buchanan

14.00	<b>Introduction</b>	14.00	<b>Increasing rates of identified aetiologies in Hyperinsulinism: A 20-year study in Western Australia</b> A/Prof Mary Abraham, Perth Children's Hospital, WA
14.05	<b>The use of automated insulin delivery around physical activity and exercise in type 1 diabetes</b> Prof Liz Davis, Perth Children's Hospital, WA	14.10	<b>A Multicentre Australian Experience of the management of Congenital Hyperinsulinism with Long-Acting Somatostatin Analogues</b> Dr Ashely Alexander, Children's Hospital Westmead, NSW
		14.20	<b>Review of growth hormone effects in Noonan Syndrome in an Australian context, an observational study utilizing the ANZSPED patient registry (APR)</b> Dr Sarah Black, Perth Children's Hospital, WA
14.20	<b>Case Study 1</b> ▶ <i>Nutrition:</i> Mr Steve Flint, University of Melbourne, VIC ▶ <i>Diabetes Educator:</i> Mrs Carolyn Judge, Sydney Children's Hospital Network, NSW	14.30	<b>Single nuclei transcriptomic analysis for identification of recombinant adeno-associated virus serotypes for efficient gene delivery to the adrenal cortex</b> Lara Graves, Children's Hospital Westmead, NSW
		14.40	<b>Genotype and cardiovascular risk - An Australian first genotype-phenotype correlation of paediatric familial hypercholesterolaemia</b> Dr Belema Dede, Children's Hospital Westmead, NSW
14.40	<b>Case Study 2</b> ▶ <i>Nutrition:</i> Mr Steve Flint, University of Melbourne, VIC ▶ <i>Diabetes Educator:</i> Mrs Carolyn Judge, Sydney Children's Hospital Network, NSW	14.50	<b>Utilising Global Collaboration to Develop an Accessible Lay Summary of the International Guidelines for the Diagnosis and Management of Hyperinsulinism</b> A/Prof Louise Conwell, Queensland Children's Hospital, QLD
		15.00	<b>Supporting the establishment of newborn bloodspot screening (NBS) for congenital hypothyroidism (CH) in Honiara, Solomon Islands, using cord blood</b> Dr Stephanie Ly, Sydney Children's Hospital Network, NSW

## POWERING UP DIABETES: HOW TECH AND EXERCISE ARE TEAMING UP

Chairs: Ms Meredith Purvis & Prof Liz Davis

## ENDOCRINOLOGY FREE PAPERS

Chair: Dr Kerry Buchanan

15.00	<b>Living with Diabetes and Automated Insulin Delivery for Sport</b>	15.10	<b>Gonadectomy in individuals with Differences of Sex Development – A two year prospective I-DSD Registry Study</b> Dr Michele O'Connell, The Royal Children's Hospital, VIC
15.10	<b>Discussion</b>	15.20	<b>Severe acute phase reaction observed with initial zoledronate infusion post-denosumab administration in paediatric patients</b> Ms Christie-Lee Wall, Children's Hospital Westmead, NSW

**15.30 Afternoon tea**


## EMERGING INVESTIGATORS

Chairs: Prof Craig Munns & Dr Fran Mouat

16.00	<b>GLP-1 agonist Semaglutide for the treatment of acquired hypothalamic obesity</b> Dr Rebecca Cramer, Children's Hospital Westmead, NSW
16.15	<b>Longitudinal changes in exocrine function in early life in children progressing to islet autoimmunity: the ENDIA Study</b> Dr Madeleine Hall, Women's and Children's Hospital, SA
16.30	<b>Experiences of pseudo-hypoglycaemia and other changes in bodily awareness of glucose levels in youth transitioning to automated insulin delivery – a qualitative study</b> Dr Jessica Wong, Monash Children's Hospital, VIC
16.45	<b>Blood pressure determinants in teenagers and young adults with Turner Syndrome</b> Dr Ashley Alexander, Children's Hospital Westmead, NSW
17.00	<b>Advancing the genetic understanding of Differences of Sex Development through Whole Genome Sequencing</b> Dr Gabby Atlas, Murdoch Children's Research Institute, VIC

## PFIZER SPONSORED SYMPOSIUM

Chair:

17.15	<b>PFIZER SPONSORED SYMPOSIUM</b> <b>Recent developments in pGHD treatment: the role of LAGH, with updated long-term follow-up data</b> Emeritus Professor Cheri Deal, PhD, MD, FRCP ELNA Paediatrics, Montréal, Canada	
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**18.30 WELCOME RECEPTION**

Main Beach, Sheraton Grand Mirage

07.00	Registration desk open		
07.45	<b>NOVO NORDISK SPONSORED SYMPOSIUM</b> <b>Body composition changes associated with newer pharmacotherapies for weight loss and Type 2 Diabetes</b> Dr Jacqueline Curran, Perth Children’s Hospital, WA		
CONCURRENT SESSIONS			
LIVED EXPERIENCE IN DIABETES		FUTURE PERSPECTIVES Chair: Dr Lara Graves	
09.00	<b>Preventing technology burnout and managing access to screen time</b> Ms Anne Sinclair, John Hunter Children’s Hospital, NSW	09.00	<b>Future Perspectives and Newer Agents for Management of Youth with Classical CAH</b> Dr Kenichi Kashimada, National Center for Child Health and Development, Japan
09.30	<b>Fear of Hypoglycaemia/ hyperglycaemia</b> Ms Jessica Hardley, Starship Children's Health, NZ		
10.00 Morning tea			
CONCURRENT SESSIONS			
PURSUING TIGHTER TREATMENT TARGETS FOR TYPE 1 DIABETES Chair: Dr John Welch		CALCIUM AND BONE SESSION Chair: Dr Diane Jensen	
10.30	<b>Treatment regimens and glycaemic outcomes – lessons from large national and international paediatric registries</b> Dr Stephanie Johnson, Queensland Children’s Hospital, QLD	10.30	<b>Hypoparathyroidism and PTH replacement</b> A/Prof Aris Siafarikas, Perth Children’s Hospital, WA
11.00	<b>Toward tighter glycaemic targets in T1D</b> A/Prof Martin De Bock, University Of Otago, NZ	11.00	<b>Cellular interactions responsible for development, maintenance and strength of the skeleton</b> Prof Natalie Sims, St Vincent’s Institute, VIC
11.30	<b>Prescribing AID with universal funding – considerations for optimal AID outcomes and health equity in NZ</b> Prof Ben Wheeler, University Of Otago, NZ	11.30	<b>Paediatric sarcopenia and osteopaenia in children with chronic disease</b> Prof Craig Munns, University of Queensland, QLD
12.00 Lunch			
12.15	<b>OPEN DIETITIANS SESSION (in person and online)</b> <b>Nutrition topics in the management of T2D in young people</b> Dr Shelley Rose, Te Whatu Ora Midcentral, NZ  In person: Open to anyone at the conference to attend (member or non-member). Online: Available free to ANZSPED members and \$50 for non-member dietitian. <i>Registration is now open. Please see the ‘Open Dietitians Session’ tab under program.</i>		
13.00	CONCURRENT SESSIONS (more information on the next page)		

CONCURRENT SESSIONS

PRACTICAL PUBERTY SESSION		DIABETES FREE PAPERS	
		Chair: Dr Craig Taplin	
13.00	<b>Understanding the Foundations: Normal and Early Pubertal Development</b> Dr Clinton Roddick, Queensland Children’s Hospital, QLD	13.00	<b>Total Pancreatectomy with Islet cell Autotransplantation: a single centre experience</b> Dr Ashley Alexander, Children’s Hospital Westmead, NSW
		13.10	<b>Ethnic profiling and clinical outcomes in culturally and linguistically diverse youth with type 1 diabetes in Western Australia</b> Dr Sabrina Binkowski, The Kids Research Institute Australia, WA
		13.20	<b>Impact of Global Inequities in Diabetes Technology and Insulin Access on Glycemic Outcomes: Data from 81 SWEET Centers</b> A/Prof Martin De Bock, University Of Otago, NZ
13.30	<b>Abnormal Puberty: A practical Approach</b> Dr Glynis Price, Perth Children’s Hospital, WA	13.30	<b>Reduction in prevalence of Impaired Awareness of Hypoglycaemia and Severe Hypoglycaemia in adolescents with type 1 diabetes in Western Australia over 2 decades</b> Dr Eadaoin Hayes, Perth Children’s Hospital, WA
		13.40	<b>Australasian Periprocedural guideline for Children and Adolescents with Diabetes Mellitus</b> Dr Niamh Jennings, University Of Otago, NZ
		13.50	<b>Abnormal Thyroid Function Tests During the Acute Diagnosis of Type 1 Diabetes</b> Dr Nikolina Kyprianou, Birmingham Children's Hospital, WA
14.00	<b>Beyond the Prescription: Practical Applications and Family-Centred Care</b> Ms Bernadette Conaghan, Sydney Children's Hospital Network, NSW	14.00	<b>Early, equitable access to automated insulin delivery in Newly Diagnosed Type 1 Diabetes: designing and establishing a new model of care at Perth Children’s Hospital</b> Dr Kate Lomax, Perth Children’s Hospital, WA
		14.10	<b>Impact of Simplera Sync™ Sensors and Extended™ Wear Infusion Sets on Glycaemia and System Performance of the MiniMed™ 780G System in Children and Young Adults with Previously High HbA1c</b> Mrs Venus Michaels, University Of Otago, NZ
		14.20	<b>For a high carbohydrate meal, auto mode results in higher glucose levels, early and for a high fat and protein meal, lower glucose levels, late in young people with type 1 diabetes using hybrid closed loop therapy</b> Dr Carmel Smart, John Hunter Children’s Hospital, NSW
14.30 Afternoon tea			

15.00	<b>SPEED POSTER TALKS</b> Chair: Dr Jenny Harrington
15.00	<b>Efficacy of remnant cholesterol and other lipid metabolism biomarkers for predicting insulin resistance in patients with type 2 diabetes: A comparative study</b> Dr Xing Cheng, Chinese Medicine Hospital Of Dianjiang County, China
15.05	<b>The KiwiDiab first national paediatric diabetes benchmarking audit: A report on Children and Adolescents with diabetes in Aotearoa New Zealand 2023</b> A/Prof Martin De Bock, University Of Otago, NZ
15.10	<b>Parents and children choose their own glucose thresholds for hypoglycaemia treatment despite standardised advice from their clinical team</b> Mr Peter Delaney, The Kids Research Institute Australia, WA
15.15	<b>Choice of type and quantity of carbohydrate to treat hypoglycaemia by families of children and adolescents with type 1 diabetes</b> Mrs Barbara Keating, Perth Children's Hospital, WA
15.20	<b>Driving Change: A Diabetes Educator team's journey to 95% AID uptake in a Paediatric Diabetes clinic</b> Ms Emma Matthews, Canberra Health Services, ACT
15.25	<b>Impact of Automated Insulin Delivery on Subjective and Objective Sleep in Children and Young Adults with Very High HbA1c: Sleep Outcomes from the CO-PILOT Randomised Controlled Trial</b> Mrs Venus Matthews, University Of Otago, NZ
15.30	<b>Provision of Diabetes Education Resources for Young People Living with Type 2 Diabetes in Aotearoa New Zealand</b> Dr Shelley Rose, Te Whatu Ora Midcentral, NZ
15.35	<b>Diluted insulin in hybrid closed-loop pump therapy for patients aged 5 years and under: a single-centre experience</b> Dr Calvin Skews, Queensland Children's Hospital, QLD
15.40	<b>Extended Use of Automated Insulin Delivery in Youth with Type 1 Diabetes and Elevated HbA1c: CO-PILOT 52-Week Outcomes</b> Prof Ben Wheeler, University Of Otago, NZ
15.45	<b>Wolfram Syndrome and Diabetes Mellitus in Aotearoa-New Zealand (NZ): phenotype and response to GLP-1 Receptor Agonist Therapy</b> PProf Esko Wiltshire, University Of Otago, NZ
15.50	<b>The Spectrum Of Congenital Hypogonadotropic Hypogonadism Over 30 Years At A Tertiary Paediatric Centre</b> Ms Minha Kook, Western Sydney University, NSW
15.55	<b>Introduction of 18F-DOPA PET Scan Practice Guideline for Investigation of Congenital Hyperinsulinism at Sydney Children's Hospital Network</b> Dr Frances Yuen, Sydney Children's Hospital Network, NSW
16.00	<b>POSTER VIEWING SESSION:</b> <i>The full list of poster presentations is available from page 7 onwards, and on the app</i>
17.15	<b>MEDTRONIC SPONSORED SYMPOSIUM</b> <b>Minimed 780G in Action - Simplified meal bolus with meal detection, tighter control and what's next</b> Prof Ben Wheeler Prof Goran Petrovski Dr Jen McVean Medtronic clinical education team 
18.45	<b>Free Evening</b>

07.30	Registration desk open	
08.00	Light Breakfast & AGM (ANZSPED members only)	
09.15	Updated Guidelines for Type 2 Diabetes in Youth- Evidence for Recently Approved Pharmacotherapies and Applying to Clinical Care A/Prof Brandy Wicklow, University of Manitoba and Children’s Hospital Research Institute of Manitoba, Canada	
09.45	Type 2 Diabetes Symposium discussion ▶ A/Prof Brandy Wicklow, University of Manitoba and Children’s Hospital Research Institute of Manitoba, Canada ▶ Dr Jason King, Gurriny Yealamucka Health Service, QLD ▶ Mr Mark Shah, Perth Children’s Hospital, WA ▶ Prof Jane Speight, The Australian Centre for Behavioural Research in Diabetes, VIC	
10.45	Morning tea	
TURNER SYNDROME GUIDELINES Chair: Dr Jacqueline Hewitt		
11.15	Optimising Growth Outcomes in Turner Syndrome Dr Sarah McMahon, Queensland Children’s Hospital, QLD	
11.45	Non-Growth Aspects of the new International Turner Syndrome Guideline Dr Charmian Quigley, Canberra Hospital, ACT	
12.30	Lunch	
NEWBORN SCREENING Chair: Dr Tony Huynh		
13.30	35 years of Newborn Screening for CAH in Japan – lessons and outcomes Dr Kenichi Kashimada, National Center for Child Health and Development, Japan	
BROADENING APPLICATIONS FOR CGM Chair: A/Prof Martin De Bock		
14.10	Early stage Type 1 Diabetes Dr Aveni Haynes, Perth Children’s Hospital, WA	
14.35	CGM in Youth with Type 2 Diabetes A/Prof Alexia Peña, The University of Adelaide & Women's And Children's Hospital, SA	
PAEDIATRIC THYROID NODULES AND CANCER: FROM IMAGING DIAGNOSTICS TO NOVEL THERAPIES		
15.00	A/Prof Paul Benitez-Aguirre, Children’s Hospital Westmead, NSW	
15.30	Dr David Chung, Children’s Hospital Westmead, NSW	
16.00 - 17.30 Diabetes Technology Essentials Workshop		16.00 onwards Afternoon Networking
18.30	CONFERENCE DINNER Buses depart Sheraton Grand at 18.30 for a 18.45 arrival. Note, access to Flames of the Forest is by bus or drop off (Uber/Taxi) only - there is no on site parking.	Flames of the Forrest

# WEDNESDAY 6 AUGUST 2025

07.30 Registration desk open

## NORMAN WETTENHALL SYMPOSIUM

09.00 **The mini-puberty of infancy and future fertility**  
Prof Bronwyn Stuckey, Keogh Institute for Medical Research & Sir Charles Gairdner Hospital, WA

9.30 **Hypogonadism in adolescents and young adults**  
Prof Margaret Zacharin, The Royal Children's Hospital, VIC

10.00 Morning tea

10.30 **Kahoot Quiz**

10.45 **Type 1 Diabetes National Screening Pilot**  
Dr Kirstine Bell, The University of Sydney, NSW

11.15 **Psychological and Behavioural perspectives on diabetes screening- evidence from the T1D National Screening Pilot**  
Prof Jane Speight, The Australian Centre for Behavioural Research in Diabetes, VIC

12.15 **Conference Close**

12.30 **Bus transfer to Cairns Airport departing Sheraton Grand Mirage**  
*Tickets can be booked during the registration process or by emailing [asm@anzsped.org](mailto:asm@anzsped.org). Spaces are limited.*