



37th Meeting of the British Society for Paediatric Endocrinology and Diabetes

10-12 November 2009

Reading Town Hall, Reading

Tuesday 10 November

16:30 - 17:30	Registration
17:30 - 19:00	Ipsen Satellite Symposium - IGF1/GH
19:00	Welcome Reception
19:45	Speakers' dinner

Generously supported by Novo Nordisk Ltd

Wednesday 11 November

08:30 - 09:00	Registration
09:00 - 09:05	Welcome <i>Gary Butler (Reading)</i>
09:05 - 10:35	Oral Communications 1
OC1.1	Cholesterol and apolipoprotein levels in a cohort of girls with Turner syndrome, and the effect of GH therapy <i>Chris Gardner, Anne Garden, Mohammed Didi, Paul Newland, Indi Banerjee & Jo Blair</i>
OC1.2	Altered GH/IGF1 signalling in children born small for gestational age without catch up growth <i>Imogen Butcher, Andrew Whatmore, Philip Murray, Melissa Westwood & Peter Clayton</i>
OC1.3	IGF1R gene expression in patients with idiopathic short stature according to GH and IGF1 status <i>Soraya Sader Milani, Rodrigo Custódio & Carlos Eduardo Martinelli</i>
OC 1.4	A multisystem disorder associated with defective selenoprotein synthesis and a thyroid signature <i>R Padidela, N Al-Ali, E Schoenmakers, M Agostini, O Rajanayagam, M T Dattani & V K K Chatterjee</i>
OC 1.5	The primordial growth disorder 3-M syndrome connects ubiquitination to the cytoskeletal adaptor obscurin-like 1 <i>D Hanson, P G Murray, A Sud, S A Temtamy, M Aglan, A Superti-Furga, S E Holder, J Urquhart, E Hilton, F D C Manson, P Scambler, G C M Black & P E Clayton</i>

OC 1.6 [Influence of JAK2 and PI3 kinase genotypes on growth response to GH therapy](#)

A Omokanye, M Solomon, R Morjaria, P Murray, A Whatmore, L Patel & P Clayton

10:35 - 11:00

Coffee

11:00 - 11:30

Oral Communications 2

OC2.1 [Final height in Turner syndrome after Oxandrolone and delayed pubertal induction: results of a UK randomised, double-blind, placebo-controlled trial](#)

Emma-Jane Gault, Rebecca Perry, Sarah Casey, Tim Cole, Wendy Paterson, Peter Hindmarsh, Peter Betts, David Dunger & Malcolm Donaldson

OC2.2 [Recombinant human GH improves linear growth in children with inflammatory bowel disease: results of a randomised controlled trial](#)

S C Wong, P Kumar, D H Casson, A M Dalzell, J C Blair, M Didi, K Hassan, P McGrogan & S F Ahmed

11:30 - 12:45

Symposium on New UK-WHO Growth Charts

11:30 - 12:00

S1 [New UK-WHO growth charts](#)

Charlotte Wright (Glasgow)

12:00 - 12:30

S2 [New UK preterm growth charts](#)

Tony Williams (London)

12:30 - 12:45

Discussion on growth charts

12:45 - 14:00

Lunch and poster viewing

14:00 - 15:00

Oral Communications 3

OC3.1 [Accuracy of 2.5 mg hydrocortisone doses from quartered 10 mg tablets](#)

Kirby Heames, Utpal Shah, Phil Riby, Jo Blair & Jim Ford

OC3.2 [Adrenal function in children and adolescents with Prader–Willi syndrome attending a single centre from 1991 to 2009](#)

Natalie Connell, Malcolm Donaldson & Wendy Paterson

OC3.3 [Mutations in the SLC29A3 gene encoding the human equilibrative nucleoside transporter-3 protein \(hENT3\) is associated with pigmentary hypertrichosis; insulin dependent diabetes mellitus \(PHID\); short stature and hypogonadism](#)

Raja Padidela, Chela James, Raoul Hennekam, Simon Cliffe, Tony Roscioli, Michael Buckley & Khalid Hussain

OC3.4 [Severe midline abnormalities result in a distinct spectrum of endocrinopathies: implications for genetic diagnosis and follow-up](#)

Kyriaki S Alatzoglou, Ameeta Mehta, Emma A Webb, Peter C Hindmarsh & Mehul T Dattani

OC3.5 [Pituitary function at least 4 years after traumatic brain injury in childhood](#)

Rebecca Moon, Timothy Sutton, Peter Wilson, Fenella Kirkham & Justin Davies

OC3.6 [Melatonin secretion in children with sleep disturbance and septo-optic dysplasia](#)

Emma A Webb, Michelle O Reilly, Jane Orgill, Naomi Dale, Alison Salt, Paul Gringras & Mehul Dattani

OC3.7 [Heterogeneous tissue in the thyroid fossa on ultrasound in infants with proven thyroid ectopia on isotope scan: a diagnostic trap](#)

Jez Jones, Morag Attaie, Sanjay Maroo, David Neumann, Rebecca Perry & Malcolm Donaldson

OC3.8 [Determinants of remission and relapse in a cohort of children with thyrotoxicosis treated with dose titration of carbimazole](#)

Indi Banerjee, Rakesh Amin, Elizabeth Okecha, Anbu Subbarayan, Mars Skae, Catherine Hall, Helena Gleeson, Sarah Ehtisham, Leena Patel & Peter Clayton

15:00 - 15:30

Tea

15:30 - 17:00

Growth at puberty symposium

15:30 - 16:00

S3

[Current approaches to understanding the pubertal growth spurt](#)

Tim Cole (London)

16:00 - 16:30

S4

[Investigating peripubertal growth problems](#)

Mehul Dattani (London)

16:30 - 17:00

Turner Syndrome Support Society 10th Anniversary Lecture

S5

[Achieving the best growth at puberty in Turner Syndrome](#)

Malcolm Donaldson (Glasgow)

17:00

Annual General Meeting

19:30

Conference dinner

Thursday 12 November

09:15 - 10:00

Oral Communications 4

OC4.1 [Parahippocampal aberrations in children with GH deficiency: a diffusion tensor imaging study](#)

E A Webb, M O'Reilly, K Seunarine, J Clayden, N Dale, A Salt, C Clark & M T Dattani

- OC4.2 [First report of a de novo heterozygous SOX2 deletion associated with a large hypothalamo-pituitary tumour gives further insights into the role of SOX2 in pituitary development.](#)

Kyriaki S Alatzoglou, Maria Cristina Arriazu, John Crolla, Juan Pedro Martinez-Barbera, Martin Roubicek & Mehul T Dattani

- OC4.3 [Pituitary adenomas presenting in children and young people: a single centre experience](#)

Caroline Steele, Jo Blair, Mo Didi, Mohsen Javadpour, Ian MacFarlane & Christina Daousi

10:00 - 11:00 **Diabetes Symposium 1: Who needs insulin?**

10:00 - 10:30 S6 [Insulin therapy at school](#)

Julie Edge (Oxford)

10:30 - 11:00 S7 [CF related diabetes](#)

Stephen O'Riordan (London)

11:00 - 11:30 Coffee

11:30 - 13:00 **Oral Communications 5**

- OC5.1 [Specialist nurse delivered emergency telephone service for children with type 1 diabetes](#)

Hilary Linford, Trudy Tapson, Sanjay Gupta & Verghese Mathew

- OC5.2 [Survey on facilities in the local schools for children with type I diabetes \(T1D\)](#)

Bharathi Pai, Lizbeth Hudson, Simon Holmes & J Chizo Agwu

- OC5.3 [Young persons' weight management service: a service users' evaluation](#)

Marc Williams, Debbie Kendall, Helena Gleeson, Rakesh Amin, Indi Banerjee, Leena Patel, Peter Clayton & Catherine Hall

- OC5.4 [Diabetes mellitus and hyperinsulinaemic hypoglycaemia \(HH\) due to dominant ABCC8/KCNJ11 mutations](#)

Ritika R Kapoor, Sarah E Flanagan, John McKiernan, Julian P Shield, Andrew Tinker, Sian Ellard & Khalid Hussain

- OC5.5 [Point of care blood ketone level: a useful tool to diagnose DKA?](#)

Puneet Nath, Amir Babiker & Vipin Datta

- OC5.6 [Ongoing benefit of CSII in the improvement of HbA1c and BMI in a cohort of children with type I diabetes](#)

Chike Onwuneme, Dympna Devenney, Fiona Corcoran, Ciara McDonnell & Nuala Murphy

13:00 - 14:00 Lunch

14:00 - 14:45

Oral Communications 6

OC6.1 [Rising incidence of type 1 diabetes mellitus in children and adolescents under 15 years in the Republic of Ireland in 2008 \(Preliminary figures\)](#)

A McKenna, H M C V Hoey & E F Roche

OC6.2 [Microalbuminuria screening on type 1 diabetes](#)

Umadevi Kumbattae, Raffeeq Parakkal & Trish Smith

OC6.3 [Audit of paediatric diabetic eye screening](#)

Navpreet Dhillon, Adele Farnsworth, Lesley Porter, Nick Shaw, Jeremy Kirk, Wolfgang Hoegler & Tim Barrett

14:45 - 15:45

Diabetes Symposium 2: Living with diabetes

14:45 - 15:15

S8 [Sport for teenagers with diabetes](#)

Francesca Annan (Liverpool)

15:15 - 15:45

S9 [Child protection issues in children and young people with diabetes](#)

Sarah Steele (Southampton)

15:45

Close

POSTER PRESENTATIONS

P1 [Lipoatrophy with insulin analogues in four children with type 1 diabetes](#)

Amir Babiker, Nandu Thalange & Vipin Datta

P2 [Scopes and Barriers for management of childhood obesity](#)

Wayne Thornton, Trupti Dhorajiwala, Bratati Bose-Haider & Radhika Puttha

P3 Abstract withdrawn

P4 [Use of clinic proforma as a tool has been shown to improve diabetic reviews](#)

James Law & Dougie Thomas

P5 [Hyponatremia in Type 1 Diabetes: Pseudohyponatremia or presentation of autoimmune Adrenal Dysfunction](#)

Haseeb Mohyuddin, Priya Santanam & Vijith Puthi

P6 [Growth, Final Height and Endocrine Sequelae post Bone Marrow Transplantation in a UK population of patients with Hurler Syndrome \(MPS 1H\)](#)

Chris Gardner, Nicola Robinson, Jean Mercer, Tim Meadows, Andrew Will, Robert Wynn, Ed Wraith & Peter Clayton

- P7 [Increased Hypothalamic-pituitary-adrenal axis \(HPAA\) activity after childhood bone marrow transplantation \(BMT\) with total body irradiation \(TBI\) results in chronic hypercortisolaemia associated with obesity](#)

Nikki Davis, Ruth Elson, Claire Stewart, Andrew Moss, Wolf Woltersdorf, Jacqueline Cornish, Michael Stevens & Elizabeth Crowne

- P8 [The Current UK Experience of Recombinant IGF1 For Cases of Severe Primary IGF1 Deficiency](#)

Talat Mushtaq, S Faisal Ahmed, Osa Emohare, Leena Patel, Stephen Rose & Nick Shaw

- P9 [Improvement in growth of children with crohn's disease following anti-TNF \$\alpha\$ therapy can be independent of pubertal progress and glucocorticoid reduction](#)

Salma Malik, Jarod Wong, Jonathan Bishop, Kamal Hassan, Paraic McGrogan, Richard Russell & Faisal Ahmed

- P10 [Defining Criteria for Poor Responders to Growth Hormone \(GH\) in Short Children Born Small for Gestational Age \(SGA\)](#)

A Omokanye, I Onyekpe, L Patel, I Banerjee, R Amin, C Hall & P Clayton

- P11 [Evaluation of an automated bone age scoring program against a single observer, using the TW3 scoring system](#)

Shireen Gopaul & Talat Mushtaq

- P12 [The IGF system during acute hypoxia in children](#)

Rodrigo Custodio, Viviane Custodio, Carlos Scrideli, Maria Cervi, Palmira Cupo & Carlos Martinelli Jr

- P13 [Reduced growth hormone secretion in children and young adults following total body irradiation \(TBI\) for bone marrow transplantation \(BMT\) in childhood](#)

Nikki Davis, Ruth Elson, Claire Stewart, Andrew Moss, Wolf Woltersdorf, Jacqueline Cornish, Michael Stevens & Elizabeth Crowne

- P14 [Growth restriction with insufficient growth hormone production in a child with variant Miller-Dieker syndrome](#)

Rosemary Marsh & Joseph Raine

- P15 [Growth hormone therapy in the treatment of short stature in cardio-facio-cutaneous syndrome](#)

Priya Kumar, Alan Fryer, Julie Ellison & Joanne Blair

- P16 [Two novel missense mutations in MRAP \(p.Y59D and p.V26A\) that lead to late onset Familial Glucocorticoid Deficiency \(FGD\) type 2](#)

Claire Hughes, Teng-Teng Chung, Adrian Clark & Louise Metherell

- P17 [Severe glucocorticoid deficiency in 17-hydroxylase deficiency – novel mutation in the CYP17A1 gene](#)
James Greening, Norman Taylor, Wiebke Arlt & Savitha Shenoy
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- P18 [Current use of the Synacthen Test: A questionnaire survey of British Paediatric Endocrinologists](#)
Pooja Sachdev, Neil Wright & Charlotte Elder
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- P19 [Congenital adrenal hyperplasia: incidence, prevalence and rationale for inclusion on the newborn screening programme in the Republic of Ireland](#)
Ciara McDonnell, Mary White, Suzanne Kelleher & Nuala Murphy
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- P20 [Synacthen tests in children with asthma on high dose inhaled corticosteroids](#)
Hima Bindu Avatapalle, Pooja Sachdev, Neil Wright & Charlie Elder
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- P21 [Adrenal hypoplasia congenita presenting as sudden death in the newborn: how should we manage subsequent siblings?](#)
Sabah Alvi, Shimona Basu & Talat Mushtaq
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- P22 [Nepalese StAR](#)
Rebecca Moon, John Achermann, Lin Lin, Nalin Wickramasuriya & Joanna Walker
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- P23 [The Androgen Status Of Young Women With Premature Ovarian Failure Depends On The Female Sex Steroid Replacement Regimen](#)
A Mason, M A Wallace, H MacIntyre, P Y Teoh, L E Bath, H O Critchley, C J H Kelnar, H W B Wallace & S F Ahmed
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- P24 [Age at menarche and pubertal education in the London Borough of Islington](#)
Philippa Prentice & Joseph Raine
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- P25 [Diagnostic Challenges in Androgen Insensitivity Syndrome & 5 Alpha Reductase Deficiency](#)
E T George, S Alvi, N K Taylor & T Mushtaq
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- P26 [Prevalence of congenital malformation in Scottish children with true congenital hypothyroidism 1979–2009](#)
Alghanay Alghanay, Jez Jones, David Stone & Malcolm Donaldson
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- P27 [Factors that influence the decision to perform a karyotype in suspected disorders of sex development: lessons from the Scottish Genital Anomaly Network Register](#)
Martina Rodie, Amalia Mayo, Paula Midgley, Chris Driver, Maureen Kinney & Syed Faisal Ahmed
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- P28 [46 XY girls – the importance of careful newborn examination](#)
Tim Sharp, Nia Fraser, Manoj Shenoy, Tabitha Randell, Louise Denvir & Alun Williams
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- P29 [46, XY DSD: A case of clinical and biochemical conflict](#)
Aisling Myers, Ieuan Hughes, John Achermann, Sally Ann Lynch, Edna Roche & Hilary Hoey
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- P30 [Congenital hypothyroidism – A thirty year audit of the National Newborn Screening Programme in the Republic of Ireland](#)
Ciara McDonnell, Aoife Carroll, Sylvia Dockeray, Philip Mayne & Nuala Murphy
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- P31 [Prophylactic Thyroidectomy in Children with Multiple Endocrine Neoplasia Type 2](#)
Clare Morkane, Dimitri Raptis, Caroline Brain, Helen Spoudeas, Mehul Dattani, Peter Hindmarsch, Agostino Piero, Paolo DeCoppi & Tom Kurzawinski
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- P32 [Has the change in Guthrie TSH cut off point made an impact in early detection & management of congenital hypothyroidism?](#)
Umadevi Kumbattae & Trish Smith
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- P33 [Is There A High Incidence Of Graves' Disease In Doncaster And What Are The Potential Causes? A Retrospective Study](#)
James West & Anuja Natarajan
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- P34 [What skills do young people attending paediatric endocrine clinics feel they need before transfer to adult services?](#)
Keerthiga Yohanathan, Julie Jones, Elaine O'Shea, Rakesh Amin, Indi Banerjee, Catherine Hall, Leena Patel, Peter Clayton & Helena Gleeson
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- P35 [Point of care glucose monitoring on the Neonatal Unit: An audit project](#)
T Makaya, P Bustani & A Memmott
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- P36 [What do young people think about seeing the doctor alone in paediatric endocrine clinics?](#)
Helena Gleeson, Elaine O'Shea, Julie Jones, Leena Patel, Catherine Hall, Indi Banerjee, Rakesh Amin & Peter Clayton
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- P37 [Pitfalls of the four hour wait: keeping alert to potential endocrine presentations in Accident and Emergency](#)
Elena Cattaneo, Catherine Ann Hockings, Eleanor Foley, Matthew James & Jackie Buck
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- P38 [Management of central diabetes insipidus in a paediatric intensive care unit](#)
Amir Babiker, Carlo Acerini & Robert Tasker
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