



Research Narrative for BSPED on behalf of Noah's Arc Children's Hospital for Wales, Cardiff

Professor Justin Warner has recently retired (January 2020) and we are therefore a fairly new team recently in post but keen to build on the research reputation previously established in Cardiff under the steer of Professor Justin Warner and Professor John Gregory.

Currently our endocrine team consist of Dr Rebekah Pryce and Dr Bindu Avatapalle and Dr Ambika Shetty in diabetes. We are hoping to recruit a third consultant to continue to build and continue to develop our newly established services which include metabolic bone and DSD clinics .

Areas of interest include

Dr Pryce

Obesity

Type 2 diabetes

Metabolic bone

Dr Avatapalle

Neonatal and childhood hypoglycaemia

Disorders of sexual development

Adrenal disorders in children

Dr Shetty

Immunotherapy in new onset type 1 diabetes

Early diagnosis of type 1 diabetes in childhood and prevention of DKA at diagnosis

Prof Warner

National Paediatric Diabetes Audit for England and Wales

International collaborative studies of benchmarking outcomes for children with diabetes

Linkage studies for children with diabetes looking at other no diabetic outcomes

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Chair

Tabitha Randell, Nottingham

Secretary

Melanie Kershaw, Willoughby

Treasurer

Sabah Alvi, Leeds



Current studies/ interests underway include

1. USTEKID-Phase II multi-centre, double-blind, randomised trial of Ustekinumab in adolescents with new-onset Type 1 Diabetes
2. PROTECT- Provention Bio's T1D Trial Evaluating C -Peptide with Teplizumab
3. The TED study-Developing a predictive Tool using data linkage and machine learning, to promote Earlier Diagnosis of Type 1 diabetes in childhood for use in primary care
4. The Circuit study - looking at T cell responses in newly diagnosed CYP with type 1 diabetes.

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