

Predicting Serious Drug Side Effects in Gastroenterology  
- **PRED4**  
International IBD Genetics Consortium Projects



**Welcome to this edition of the PRED 4 newsletter.** 33 sites have recruited 85 patients to PRED4 since the last newsletter Dec 2014. We also have 4 new recruiters: Grantham, Barnet and Chase farm, Queen Elizabeth, Kings Lynn, and a new rheumatology site – Tameside.

•**Targets:** We are happy for you to recruit over your targets set in the SSI form so if you have reached your target please don't let that hold you back.

•**Twitter:** You can follow up to date news on the PRED4 study at **@PRED4research**.

**The new arm thiopurine hypersensitivity reaction is going very well. A reminder of the inclusion criteria is below, please remember the patient must present with ONE of the following fever, joint pain or muscle pain.**

**Inclusion Criteria**

- Aged 6 years or over
- History of Inflammatory Bowel Disease
- History of thiopurine exposure in the previous 7 days before the onset of adverse event.
- Flu like symptoms severe enough to lead to drug withdrawal even if temporary (symptoms should include one of the following fever, muscle ache, joint pain)
- Onset of symptoms within 4 weeks of starting thiopurine.
- Symptoms resolved within 14 days of drug withdrawal.

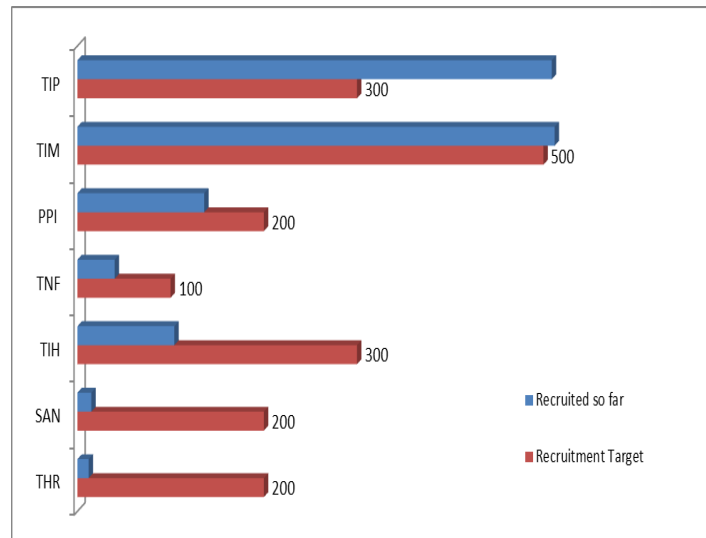
**Exclusion Criteria**

- Patient tolerated re-challenge with the same thiopurine regardless of dose.
- Drug withdrawn due to nausea and/or diarrhoea without any other symptoms
- Objective evidence of Infection at the time of the hypersensitivity reaction.

The PRED4 study is now in its final year and will stop at the end of Dec 2015. Please keep recruiting, we are especially keen to increase recruitment in to

**PPI, SAN, TNF and TIH.**

**So please utilise your colleagues in renal, rheumatology and neurology**



Welcome to Hanlie Olivier who is the new administrator for PRED 4. Hanlie can be contacted on 01392 406814. Hanlie.olivier@nhs.net  
Helen Gardner- Thorpe who works on PANTS but also can support the PRED4 .

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**PRED4 Hospital sites - number recruited is based on the samples logged in laboratory by:  
25th March 2015**

**Please note figures exclude any screening log failures or patients withdrawn**

Royal Devon & Exeter Hospital	85	<b>Royal Adelaide Hospital, Australia</b>	6
Guy's Hospital, London	59	<b>Royal Brisbane &amp; Women's Hospital, Australia</b>	6
Southampton General Hospital	50	Royal Free Hospital, London	6
Royal Berkshire Hospital	41	<b>Canberra Hospital, Australia</b>	5
St James's University Hospital, Leeds	39	Darlington Memorial & Bishop Auckland Hospital	5
Ninewells Hospital, Dundee	36	Freeman Hospital, Newcastle (RENAL)	5
Gloucester Royal Hospital	31	James Cook University Hospital, South Tees	5
Hull Royal Infirmary	30	James Paget University Hospitals	5
Royal Derby Hospital	26	Kettering Hospital	5
Addenbrooke's, Cambridge	24	King's Mill Hospital, Nottinghamshire	5
<b>Florence, Italy</b>	24	<b>St Vincent's Hospital, Melbourne, Australia</b>	5
Western General Hospital, Edinburgh	23	Alder Hey Children's Hospital - Paediatric	4
<b>University of Alberta, Canada</b>	21	Barnet & Chase Farm Hospitals	4
Watford General Hospital	21	Basingstoke & North Hampshire Hospital	4
Royal London Barts Hospital	20	<b>Flinders Medical Centre, South Australia</b>	4
University Hospitals Bristol	20	Raigmore Hospital, Inverness	4
Poole Hospital	19	<b>Regional Hospital Viborg, Denmark</b>	4
Kent & Canterbury Hospital	18	Royal Blackburn Hospital	4
Nottingham University Hospitals	18	Royal Liverpool & Broadgreen Hospital	4
<b>Orebro University Hospital, Sweden</b>	18	Scunthorpe General Hospital	4
<b>University Hospital Padua, Italy</b>	17	<b>St Vincent's Hospital, Sydney, Australia</b>	4
<b>Fremantle Hospital, Australia</b>	16	Yeovil District Hospital	4
Royal Cornwall Hospital	15	Aberdeen Royal Infirmary	3
Royal Hallamshire Hospital, Sheffield	15	Basildon Hospital	3
Derriford Hospital, Plymouth	14	<b>Birmingham Children's Hospital</b>	3
Musgrove Park Hospital, Taunton	14	County Hospital Hereford	3
Salford Royal Hospital	14	Glasgow Royal Infirmary	3
Stoke Mandeville Hospital, Bucks	14	Leicester General Hospital - Paediatric	3
<b>New Cross Hospital, Wolverhampton</b>	13	<b>Liverpool Hospital, Australia</b>	3
Aintree University Hospital	12	Sandwell Hospital, Birmingham	3
<b>Mater Clinic, Brisbane, Australia</b>	12	<b>South Africa, Groote Schuur</b>	3
York Teaching Hospital	12	Southmead Hospital, Bristol	3
Forth Valley Royal Hospital	11	University Hospital North Tees	3
Royal Sussex County Hospital, Brighton	11	West Middlesex University Hospital	3
Warrington Hospital	11	Worthing Hospital	3
<b>Chinese University of Hong Kong</b>	10	Crosshouse Hospital, Ayrshire & Arran	2
Frimley Park Hospital	10	Dorset County Hospital	2
King's College Hospital, London	10	Epsom & St Helier University Hospitals	2
<b>Shrewsbury &amp; Telford Hospital</b>	10	Harrogate District Hospital	2
Torbay Hospital	10	Ipswich Hospital	2
Wythenshawe Hospital	10	<b>Kiel, Germany</b>	2
John Radcliffe Hospital, Oxford	9	Leeds General Infirmary - Paediatric	2
Norfolk & Norwich Hospital	9	Lincoln County Hospital	2
Princess Alexandra Hospital, Essex	9	Luton and Dunstable Hospital - Paediatric	2
St George's Hospital, London	9	<b>Maidstone and Tunbridge Wells NHS Trust</b>	2
St Mark's Hospital, Harrow	9	Manchester Royal Infirmary	2
<b>Weston General Hospital</b>	9	<b>Mater Dei Hospital, Malta</b>	2
Yorkhill Children's Hospital, Glasgow - Paediatric	9	Milton Keynes Hospital	2
Airedale General Hospital	8	Northern Devon Healthcare NHS Trust	2
Calderdale Royal Hospital	8	Pennine Trust, Manchester	2
Chelsea and Westminster Hospital	8	<b>Queen Elizabeth Hospital King's Lynn</b>	2
Colchester General Hospital	8	Sheffield Children's Hospital - Paediatric	2
<b>Dunedin Hospital, New Zealand</b>	8	University Hospital Lewisham	2
Llandough Hospital, Cardiff	8	<b>University Hospital of Ioannina, Greece</b>	2
Mid Yorkshire Hospitals	8	Addenbrooke's, Cambridge - Paediatric	1
Queen Elizabeth Hospital, Birmingham	8	<b>Grantham &amp; District Hospital</b>	1
Royal Victoria Infirmary, Newcastle	8	North Cumbria University Hospitals	1
South Tyneside District Hospital	8	Queen Elizabeth Hospital, London	1
University Hospital North Staffordshire	8	Royal Hampshire County Hospital	1
Birmingham Heartlands Hospital	7	Royal Manchester Children's Hospital - Paediatric	1
Dudley Group of Hospitals	7	Royal United Hospital, Bath	1
<b>Haifa, Israel</b>	7	<b>Shaare Zedek Medical Centre, Israel</b>	1
<b>Mount Sinai, Canada</b>	7	<b>Tameside Hospital</b>	1
Queen Alexandra Hospital, Portsmouth	7	University Hospital of Wales	1
University College London Hospital	7	Worcester Royal Infirmary	1
<b>Bradford Royal Infirmary</b>	6	Wrightington, Wigan & Leigh	1
Chesterfield Royal Hospital	6		
Great Ormond Street Hospital - Paediatric	6		
Nottingham Children's Hospital - Paediatric	6		
<b>Royal Adelaide Hospital, Australia</b>	6	<b>Total UK Recruited:</b>	1111
Nottingham Children's Hospital - Paediatric	6	<b>Total International Recruited:</b>	187
		<b>Grand Total:</b>	1298