

REGISTRAR RESEARCH TOPICS	
Dr K Donald	
1.	Outcomes of children admitted to RXH with organophosphate poisoning. <i>There will be a non-OP control group (paraffin) and "normal" controls. Children will be identified retrospectively, but will be tested prospectively for cognitive and behavioural outcomes. The registrar taking on this project would take primary responsibility for looking at the behavioural outcomes. This project is under a broader study that already has ethics approval.</i>
Dr L Goddard	
1.	Comparing the Milk scan and Barium swallows in assessing reflux
2.	Comparison of looking at milk scans, sucralfate scans and biopsy in assessing oesophagitis.
3.	Comparison of Macroaggregate scans and echo for picking up intrapulm shunts.
4.	Audit of endoscopies done documenting indications, findings and management changes.
5.	Audit of liver biopsies, looking at methods used, complications and findings.
6.	Aetiology and outcomes of fulminant hepatic failure
7.	To review the age of presentation to hospital, course and outcome of children presenting to or referred to Red Cross with biliary atresia /cholestatic jaundice
Prof T Westwood	
1.	Descriptive study: Hospital acquired infections in the NNU at NSH. There is a hospital-acquired infections register from the NSH nursery.
2.	Analysis and interpretation of survival data of patients with CF. 35 years of follow up.
Dr M Levin	
1.	Prevalence of allergic conjunctivitis and associated skin prick reactivity in Du Noon.
2.	Allergic sensitisation and diseases in Black African children with severe vernal keratoconjunctivitis.
Dr M Zampoli	
1.	An audit/retrospective study looking at children with adenovirus pneumonia ie course, complications and outcome. Pull all the lab reports of adenovirus isolated from resp specimens and then trawl the folders.
2.	An audit of children receiving cpap on the general wards.
Dr R Petersen / Dr K Donald	
1.	The outcomes of children with cerebral palsy and gastrostomy, a prospective review of children attending RXH feeding clinic.

Dr P Gajjar / Dr Nourse	
	1. Takayasu's Arteritis: a 10 yr follow-up.
	2. Audit of MCUG's and correlation with U/S from April 2009 (since introduction of new protocol for f/u of UTI).
	3. Review of the use of Sirolimus in renal transplant recipients looking at graft function, infectious complications, degree of proteinuria
	4. Use of plasmapheresis in children at RXH: indication, efficacy and outcome.
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	6. Urodynamic and Valves.
	7. ARF –outcome and survival
	8. Long term outcome of PSGN.
	9. Mesangioproliferative GN outcome and characteristics (also look at IF) vs MCNS and FSGS.
Prof A Davidson	
	1. Sickle related topics
	2. Audit of Hodgkin Lymphoma outcomes
	3. Audit of ITP cases wrt interventions and natural history.
	4. Blood transfusion audit.
	5. Cisplatin and ototoxicity in cancer survivors.
Dr P Roux	
	1. Evidenced based medicine topics.
Dr R De Decker	
	1. Initiation and stabilisation of Warfarin in post-op cardiac patients
	2. A review of 22q deletion syndrome at RXH, with an attempt at developing a clinical scoring system for the recognition of local cases. We've shown that the sensitivity of the current international scoring system in our population is a whopping 15%!
	3. Paediatric teaching materials at a leading academic children's hospital: does delivery meet the need?