REGISTRAR RESEARCH TOPICS

Dr L Goddard

1. Comparison of Macroaggregate scans and echo for picking up intrapulm shunts.

2. Audit of endoscopies done documenting indications, findings and management changes.

3. Audit of liver biopsies, looking at methods used, complications and findings.


5. 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. Analysis and interpretation of survival data of patients with CF. 40 years of follow up.

Prof M Levin

1. Audit of drug allergy testing 2012-2015

Dr P Gajjar / Dr P Nourse

1. Acute renal failure audit
2. Long term outcome of PSGN
3. Vesico ureteric reflux in black patients
4. Urodynamic and Valves.
5. Use of plasmapheresis in children at RXH: indication, efficacy and outcome.
6. Audit of MCUG’s and correlation with U/S from April 2009 (since introduction of new protocol for f/u of UTI).

Prof A Davidson

1. ALL – CNS complications
2. ALL – osteopaenia and osteonecrosis
3. Audit of Tcell Lymphoma outcomes
4. Audit of Infantile Fibrosarcoma outcomes
5. Audit of Blood product use
6. Audit of Rasburicase in preventing/ameliorating Tumour lysis syndrome
7. QoL studies, including one on the hidden cost to family of a paediatric cancer diagnosis.

**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.

**Prof A Horn**

HIE related topics

**Department of Cardiology**

**Dr R De Decker**

- Initiation and stabilisation of Warfarin in post-op cardiac patients.
- Paediatric teaching materials at a leading academic children's hospital: does delivery meet the need?
- Where have they gone? An investigation into the fate of the 25% "no-shows" of booked patients at Cardiac OPD (more than 1000 patients per year).
- The impact of waiting list for heart surgery: morbidity and mortality on the cardiac waiting list at Red Cross Hospital.
- A 5/10/15 year review of cardiogenic clinic
- Use of antenatal screening in patients diagnosed with critical congenital heart disease
- Behavioural patterns in mothers with children diagnosed with CHD: a prospective study.
- Review of the cardiac outpatient clinic - demographics, lesions and trends
- 15 years of interventional catheterisation- a review of procedures and outcomes

**Dr J Lawrenson**

- Kawasaki disease in the Western Cape
- 10 years of RF/RHD in the Western Cape
**Dr George Comitis**

- A single-centre experience of heterotaxy syndrome
- The Kawashima procedure-long-term outcomes
- 10 years of RF/RHD in the Western Cape (JL/LZ)

**Dr L Zühlke/Children’s Heart Disease Research Unit**

- Clinical profile, prognosis and treatment of children with infective endocarditis--a 15-year follow-up study. (LZ/GC)
- Health-related quality of life outcomes in children and adolescents with chronic diseases within a tertiary paediatric service (oncology vs cardiac vs nephrology vs rheumatology)
- Cardiovascular Admissions, Readmissions, and Transitions of Care.
- Sternal sepsis in post-operative cardiac patients-profile, prognosis and management strategies.
- Prevalence of obesity in school-aged children attending outpatients at a tertiary facility.
- Endothelial dysfunction in paediatric survivors of childhood cancers
- Endothelial dysfunction in adolescent diabetics
- 10 years of RF/RHD in the Western Cape (JL/LZ)