

Learning plan: Specialty registrars in paediatric nephrology

During your rotation in paediatric nephrology we are keen that you have an enjoyable and productive 6 months, where you feel you have had the opportunity to learn about caring for children and young people with renal disease and gained the relevant RCPCH competences in nephrology. With that in mind the department has created a learning plan of objectives below. The learning plan is not meant to be exhaustive or a repetition of your curriculum but rather it highlights broad areas to focus on during your time with us and more importantly what resources are available and what tools you can use to help you achieve your competences and maximise your time within our department.

You should aim to cover all aspects of the learning plan but you may choose to focus on certain areas depending on your level of training (e.g. HST may decide to focus on leading ward rounds and outpatient experience)

Your learning plan will be reviewed for completeness by your clinical supervisor at your end point review. A copy should be uploaded to your eportfolio.

Competence/Skill	Options	Initial
Patient management <ul style="list-style-type: none">• Electrolyte imbalance• Fluid status• Impaired renal function (AKI and CKD)• Hypertension• Nephrotic syndrome• Glomerulonephritis• Haematuria and proteinuria• Congenital abnormalities of the kidney and urinary tract (CAKUT)	Daily ward round including leading ward rounds Numerous clinics including outreach clinics (see guide to working in paediatric nephrology) Departmental guidelines (see intranet and kidney shared) Attending meetings - morbidity and mortality meeting, results meeting, psychosocial meeting (see guide to working in paediatric nephrology) Work place based assessments	
Understanding the basics of renal replacement therapy	Induction sessions on peritoneal dialysis, haemodialysis & transplantation Managing patients on haemodialysis Managing inpatients on peritoneal dialysis and those with transplants Attending outpatient clinics (see guide to working in paediatric nephrology)	
Procedures: Manual and Doppler blood pressure	Attend outpatients (see guide to working in paediatric nephrology) Liaise with ward nurses	
Renal biopsy: indication, procedure (transplant and native)	Observe renal biopsy - liaise with consultant/interventional radiologist Attend histopathology meeting (see guide to working in paediatric nephrology)	
Understanding renal investigations: USS, MAG3, DMSA, MCUG, MRA, DSA	Review imaging on ward rounds Attend XR meeting (see guide to working in paediatric nephrology)	
Understanding prescribing in children with renal impairment	Calculation of eGFR (see guide to working in paediatric nephrology) Working with renal pharmacist Prescribe peritoneal dialysis	
Interpretation of results	Daily renal ward round Attend outpatients clinics Results meeting (see guide to working in paediatric nephrology)	
Teaching	Joint weekly teaching with liver and gastroenterology Children's hospital grand round (Tuesday lunch time) From registrars/consultants in outpatients and on the ward	

Discussed and agreed at induction meeting (date).....

Trainee (signature).....

Clinical supervisor (signature).....