

South West Renal Training Scheme: Study Days, 2019 -2021

Unit talks would be flexible 45mins max – up to a total of 3.5 hours (unit may choose to do 3 longer talks, etc). These may be consultant or SpR/StR delivered, SCE questions, Case/Audit and Journal club (by trainees) 30 minutes each - 1.5 hours in total.

The STC agreed that at least talk during the day would for the Unit to give depending on its local area of expertise or interest, so allowing some flexibility with the curriculum.

With this timetable, there are 54 talks from trainees over three years. With people dual accrediting, most individuals would do two talks during their rotations.

Transplant talks are usually given in Plymouth or Bristol.

Hospital	Themes	Unit Talk 1	Unit Talk 2	Unit Talk 3	Unit Talk 4	Unit Talk 5	SCE Qs	CPC	Journal
Truro Thursday 25 th July 2019	BP day: 1. Hypertension 2. RVD	Physiology and relevant pharmacology	Causes: primary vs. secondary (incl. Ix strategies)	Hypertensive emergencies incl. Malignant hypertension, scleroderma, encephalopathy	RVD – general management and outcomes	NICE and KDIGO Guidelines OR Unit specialist subject	Important BP trials Unit SpR	On topic Unit SpR	Relevant article – circulated 1/52 before Qiouling Zhu
Swansea Tuesday 1 st October 2019	Urine dipstick day: 1. Asymptomatic proteinuria 2. Nephrotic syndrome 3. Microscopic haematuria	Pathophysiology causes, measuring proteinuria	Nephrotic syndrome: physiology, causes, Ix, complications and treatment	NVH and VH: causes and Ix strategies (inc. Guidelines)	IgA: diagnostic consideration(when to biopsy), classification	Histopath talk OR Unit specialist subject	Renal Bx and histology questions Welsh Trainee	On topic Unit SpR	Relevant article – circulated 1/52 before Welsh Trainee

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Plymouth Wednesday 20 th Nov 2019	Disorders of fluid & electrolyte & acid-base	Physiology and normal electrolyte metabolism and clinical relevance	Clinical aspects hypo/hyper-natraemia incl. Investigation	Tubular disorders	Endocrine conditions (e.g. Addisons, etc)	Biochemist talk – measuring renal function OR Unit specialist subject	Correction of hypo-natraemia Unit SpR	On topic Unit SpR	Relevant article – circulated 1/52 before John Cameron
Gloucester Thursday 6 th Feb 2020	Nephrology and other disciplines: 1. Infection in the renal patient 2. Nutrition in renal patients	Infections in immuno-compromised and antibiotic choice OR Unit specialist subject	BBV – strategy and public health aspects	HIV and the kidney	“Tropical nephrology” include malaria or Hepatitis/ cryoglobulins	Dietitian talk – nutritional issues, special dietary regimes and supplements	To cover re-feeding syndrome tba	On topic Unit SpR	Relevant article – circulated 1/52 before tba
Dorchester Tues 28 th April 2020	GN: 1. Interstitial nephritis 2. Chronic GN	Aetiology, pathology and clinical syndromes	Interstitial nephritis	GN to cover treatment and prognosis: MCD, membranous, MPGN, PIGN	Renal transplants in GN and recurrent disease	Histo-pathology talk – chronic GN, interstitial nephritis OR Unit specialist subject	On topics tba	On topic Unit SpR	Relevant article – circulated 1/52 before tba

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Cardiff Weds 17 th June 2020	HD: 1. General principles 2. Clinical management 3. Complications	HD principles and impact of membranes and fluids	Management: Prescription, UF, sodium profiling, adequacy	Nurse talk: The dialysis machine – practical considerations.	Guidelines and evidence base. Complication of dialysis	Surgical talk: Vascular access: complications and surgical aspects OR Unit specialist subject	Incl. Water systems and delivery Welsh Trainee	On topic Unit SpR	Relevant article – circulated 1/52 before Welsh Trainee
Bristol Thursday 23 rd July 2020	Transplant 1: Renal transplant - work-up, immunology, ethics, etc	Pre-transplant work up (incl. guidelines), advantages and disadvantages, contra-indications	Ethical and social considerations to include HTA/legal framework	Working up a living donor – a beginners guide (role of Tx co-ordinator and BTS guidelines)	Immunology talk incl. ABOi transplants	LKD vs. DCD vs. DBD Practical session – kidney offers. What to do? Surgical talk aspects of renal transplantation (instead of journal club or case presentation) tba	SCE Qs: Renal Tx Unit SpR	Relevant article – circulated 1/52 before tba	
Plymouth Tuesday 20 th October 2020	Transplant 2: 1. Renal transplant - acute 2. Renal transplant - chronic	Immuno-suppression: ATG, MMF, Steroids, CsA, Tac	Medical and surgical problems in the 1 st 3 months/ longer term	Epidemiology of graft survival and risk factors for graft loss	Long-term complications incl. CVS, malignancy, psycho-social aspects	Dermatology relevant to renal transplants tba	Incl Banff class.	On topic Unit SpR	Relevant article – circulated 1/52 before tba

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Exeter Wednesday 18 th Nov 2020	Genetics and the kidney/ rare diseases: 1. APKD 2. Hereditary diseases 3. Rare diseases	Geneticist talk incl. counselling and screening. Inheritance of Alports, reflux, etc	Investigation and management of renal cystic disease	APKD to include novel treatments, complications	Other rare diseases: e.g. Fibrillary GN OR Unit specialist subject	Adult-paediatric interface	On topics tba	On topic Unit SpR	Relevant article – circulated 1/52 before tba
Dorchester Thursday 4 th Feb 2021	AKI: 1. Acute kidney Injury 2. Acute RRT	Patho-physiology and causes	Investigation and specific treatment (non-RRT) including biomarkers, etc	Grading systems, epidemiology of AKI and NCEPOD	Treatment options: HF vs. HD. Vs. PD	ITU talk. – acute RTT, inotropes and vasopressors OR Unit specialist subject	Incl. drug handling in HD/HF tba	On topic Unit SpR	Relevant article – circulated 1/52 before tba
Swansea Tuesday 20 th April 2021	Haematology and the kidney: 1. Myeloma 2. Amyloid 3. TTP/HUS 4. Plasmapheresis	Myeloma including relevant trials and chemotherapy	Amyloidosis	Clotting disorders and the kidney	Thrombotic micro-angiopathy: TTP/HUS and include novel treatments	Plasmapheresis	On topic Welsh trainee	On topic Unit SpR	Relevant article – circulated 1/52 before Welsh trainee

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Gloucester Wed 9 th June 2021	Special circumstances: 1. Renal disease in pregnancy 2. Sexual health 3. Adult-paediatric interface	Pregnancy and renal physiology (could be incorporated into other lectures)	Acute presentation in pregnancy PET, HTN	Pregnancy in CKD, ERF and transplant patients (to cover which drugs are safe)	Obstetric talk – what to look out for in the pregnant CKD/high risk patient	Sexual health incl. Erectile dysfunction (treatment and CI), sperm storage OR Unit specialist subject	On topic tba	On topic Unit SpR	Relevant article – circulated 1/52 before tba
Truro Thursday 22 nd July 2021	Vasculitis: 1. Renal vasculitis 2. SLE 3. GBM disease	Pathophysiology and classification of vasculitis	Clinical trials in vasculitis	SLE classification and histology	SLE treatment, complications and long-term risks, with immune-suppression	Anti-GBM disease OR Unit specialist subject	On topics tba	On topic Unit SpR	Relevant article – circulated 1/52 before tba
Cardiff Tuesday 12 th October 2021	CKD 1: 1. Chronic kidney disease 2. Renal bone disease 3. Renal anaemia	Measurement of renal function and eGFR equations	CKD guidelines (RA) OR Unit specialist subject	Renal anaemia and its management	Renal bone disease and management	Blood pressure targets in renal disease	On topic Welsh Trainee	On topic Unit SpR	Relevant article – circulated 1/52 before Welsh Trainee

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Bristol Wednesday 17 th Nov 2021	CKD 2: 1. Cardiovascular disease in renal patients 2. Hyperlipidaemias 3. End-of-life care	Cardiology talk: CVS disease in CKD incl. Role of anti-platelets and warfarin	Hyper-lipidaemia management in renal patients	Conservative care incl. Symptoms OR Unit specialist subject	Management of the dying patient including analgesia.	Advanced directives and medico-legal framework	On topic tba	On topic Unit SpR	Relevant article – circulated 1/52 before tba