

Western Renal Service: Western Sydney Local Health District and Nepean Blue Mountains Local Health District Sydney, Australia

Name of the mentors: Assoc Prof Kamal Sud and Dr Katrina Chau

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DETAILS OF THE PD HOST INSTITUTION

PD available for: CKD

Type of Patients: Adult

Type of PD available: CAPD, APD, Incremental PD, Urgent Start PD

PD Catheter insertion: Percutaneous and Laparoscopic

Who performs the catheter insertion? Nephrologists or surgeons

Number of catheter insertions per month (on average): 8

Number of patients on chronic PD: 330

DETAILS OF TRAINING

Do you have a structured residency or fellowship program? Yes. The Western Renal Service has 8 Advance Trainee positions accredited by the Royal Australasian College of Physicians for Nephrology training. Over a 3 year training period, trainees rotate through 3 large tertiary care public hospitals within the Western Renal Service (Westmead, Nepean and Blacktown Hospitals) in Western Sydney that are affiliated with the University of Sydney and Western Sydney University. During their training period, trainees participate in monthly journal clubs and kidney school presentations/attendance, fortnightly renal grand rounds presentations, weekly medical grand rounds, kidney pathology meetings and consultant lead teaching at the Sydney Transplantation and Nephrology Course run by the Service. In addition, trainees receive on the run teaching during consultant lead ward rounds and clinics.

Trainees are also supervised by consultants for procedures including native and transplant kidney biopsies and simple and tunneled vascaths for haemodialysis. Peritoneal Dialysis runs across the Western Renal Service as a single service and PD patient training and outreach centers are located at Blacktown and Nepean Hospitals. The PD Unit at Blacktown Hospital is the largest, that looks after over 250 patients on PD. PD training of patients is nurse lead and all PD related protocols are vetted by medical staff. Increasingly, PD catheters are being inserted percutaneously using the Seldinger technique by surgeons and radiologists with nephrologist lead PD catheter insertions using this technique about to commence at Blacktown Hospital. The PD service has an active incremental PD program as well as a urgent start PD program. Nephrology Advance Trainees get exposure to PD during their training at all 3 hospitals and participate in quarterly PD specific Journal Clubs and 'in-services' for Nursing staff. During the course of their 3 year Nephrology training, all Advance Trainees attend the annual 2 Day Australia - New Zealand (ANZ) PD Academy course at least once. The mentors of this ISPD Fellowship program are a faculty on the ANZ PD Academy.

Do you provide training opportunities for nurses, pediatrics, etc? Yes, for nurses

Minimum duration of the training period: 6 weeks

Hands on training: No, unless fellows are able to get registered through AHPRA (<https://www.ahpra.gov.au/>)

Language(s) of instruction: English

Language(s) spoken by patients: Mainly English. The Western Renal Service is located in Western Sydney that is home to a multi-cultural immigrant population speaking many native languages.

Are regular scientific activities (lectures, case discussions, journal club) organised?

Yes. There is a weekly consultant lead teaching at the 'Sydney Transplantation and Nephrology Course' run by the Service. In addition, trainees attend weekly medical grand rounds at each of the 3 teaching hospitals and a combined service wide kidney pathology meeting and radiology meeting. There is also a monthly nephrology journal club for the Western Renal Service and a separate monthly nephrology journal club at Nepean Hospital. Trainees also attend and participate in monthly Australia-New Zealand wide kidney school presentations and separate 'case of the month' sessions. Finally, there is a fortnightly renal grand rounds presentations at Nepean Hospital. In

addition, trainees receive 'on the run' teaching during consultant lead ward rounds and clinics.

Do you provide opportunities for research? Yes. The PD service has an active research program and at any time, there are a number of research projects being carried out. In 2022 alone, 4 PD related manuscripts were published; there were 3 abstracts presented at the ISPD Conference at Singapore; 2 PD related abstracts presented at the World Congress of Nephrology at Kuala Lumpur; 2 PD related abstracts presented at the ISN's Frontiers meeting on Kidney and Infections at New Delhi. One PD related abstract with a co-author from the service entered the Awards sessions at the ANZSN's Annual Scientific meeting in Sydney. In addition, there were 4 PD related mini-oral presentations from the PD service at this meeting. One of the mentors also delivered invited lectures at the WCN at Kuala Lumpur and ISPD Conference in Singapore.

OTHER RELEVANT INFORMATION

Do you provide accommodation options? No, but subsidized accommodation can potentially be arranged close to Westmead Hospital

Are there any registration costs associated with the fellowship? No