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**The Bridge : Inter-hospital Collaboration to Enhance Renal Service in Kowloon East Cluster**

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**Introduction**

With an estimation of population growth (10.8%) from 2011 to 2019, the demand for Renal Replacement Therapy (RRT) is predicatively increasing in Kowloon East Cluster (KEC). According to Hospital Authority (HA) statistics, there was a significant increase of RRT patients from 841 to 1015 (20.7%) in KEC from 2011 to 2014. To meet the service demand, the Renal Nurse Clinic in TKOH was launched in July 2013. In total, 64 new RRT patients were referred from TKOH to UCH for Peritoneal Dialysis (PD) service from July 2013 to December 2014. Therefore, there was a significant growth of clinical admission for pre-PD training patients (18) for Intermittent Peritoneal Dialysis (IPD) as of December 2014. Further, limited rehabilitation beds for Continuous Ambulatory Peritoneal Dialysis (CAPD) patients in KEC leads to acute beds occupation in UCH. As a result, it over-burdens the Renal Unit in UCH.

**Objectives**

To enhance the renal patient care through Cluster based Renal Service  
To develop nurses’ competency to take care of IPD and CAPD patients in TKOH and HHH

**Methodology**

1. Bridging among HHH ,TKOH and UCH by formal and informal meetings  
2. Launching the Renal Nurse Clinic in TKOH  
3. Training and development:- In HHH: i. 4 PD Lectures for the Care of CAPD patients and complications with 124 Attendants ii. 4 CAPD Workshops for Hands-on training for different CAPD Systems with 36 Attendants  
In TKOH: i. 3 Automated Peritoneal Dialysis (APD) Workshops for care of IPD patients using APD machine with 15 senior nurses trained as trainers ii.4 CAPD
Refresher Workshops for Reminder of common errors and hands-on training for proper CAPD procedures with 28 senior nurses trained as trainers. 4. Triaging CAPD patients for rehabilitation to HHH and referring IPD patients to TKOH. 5. Providing professional support whenever necessary

**Result**

1. Renal Nurse Clinic in TKOH: It shouldered 17.1% of patient attendance for renal nurse out-patient service in KEC from July 2013 to December 2014. 2. Patient referral as of 31/12/2014 HHH: There were 10 patient episodes referred since July 2014, 3 patients were successfully rehabilitated and discharged home. 5 patient episodes failed due to medical complications and were transferred back to UCH. Overall, it reduced 196 acute Inpatient Bed Days in UCH. TKOH: There were 5 patients who lived in Tseung Kwan O (TKO) referred for IPD service since September 2014. It alleviated the long queue of IPD patients and reduced 45 clinical admissions in UCH. In conclusion, the provision of Cluster based Renal Service contributes to enhance nurses’ professional competency and optimizes patient care under the comprehensive rehabilitation program in HHH. Moreover, it facilitates TKO renal patients to have IPD and follow up services in the nearby hospital.