Embracing nursing model in laboratory setting - Transplant Laboratory Coordination Centre in Queen Mary Hospital

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Introduction
Transplant Laboratory Coordination Centre (TLCC)” was supported by Central Committee (Transplant Services) in 2012/13. Three Laboratory Transplant Coordinators (LTC) were recruited in the centre.

Objectives
1. Establish the TLCC in Queen Mary Hospital for strengthening the organ and HSCT services in Hong Kong. 2. Unite and support its stakeholders for the benefit of patients through education, technology and procedure development to achieve a safe and effective patient care to pre- and post-transplant state. 3. Introduce a new initiative program to expand the donor pool. 4. Empower renal patients in the journey of awaiting transplantation.

Methodology
1. Provide effective coordination between the Transplantation and Immunogenetics Division and all solid organs and HSCT teams to streamline the delivery of advanced laboratory testing. 2. Facilitate collaboration with clinical staff in utilizing laboratory advanced technology. 3. Provide a communication platform for patients who are registered on the deceased renal wait list for awaiting kidney transplantation from 15 renal centers under Hospital Authority. 4. Provide education talk to patients from different renal centers with important information, which covers HLA and antibody surveillance program in relation to kidney transplantation. Explicate living kidney donation as a possible alternative. Pamphlet is provided.

Result
1. TLCC was set up in 2013. 2. LTC play an important role to minimize the time for
scheduling essential tests for patients awaiting transplant. 3. LTC commenced the patient education program in 2014, and projected that around 500 patients and 200 relatives would participate in the education program annually. 4. Crucial surveillance tests conducted for post-transplant patients, such as antibody monitoring for different organ transplant team have been increased after established a close connection between all transplant stakeholders. Conclusion:The role of nurses contributing to Laboratory setting is a pioneer. Nurses take the initiative in promoting a healthy and quality life for patients with organ failure beyond the clinical area. TLCC also play an active role in facilitating effective communication with all parties involved in all organ transplant and HSCT. Our ultimate aim is to improve patient safety and organs survival rate in light of the scarcity of organ availability in Hong Kong.