Renal Registry in Hong Kong – the first 20 years
*Chi Bon LEUNG, #Wai Lun CHEUNG, *Philip Kam Tao LI
* Department of Medicine and Therapeutics, Prince of Wales Hospital and #Cluster Services Division, Hospital Authority, Hong Kong

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Introduction
End stage renal failure patients require renal replacement therapy, which is increasing in volume and complexity over time. A system is required to help the management and collection of data.

Objectives
1 To develop and enhance Renal Registry System for all HA renal unit; 2 To allow integration with other HA computer systems; 3 To generate statistics and data for auditing, service planning and development

Methodology
RR is an in house development of on-line system by HO IT staff with close collaboration with Clinicians. There is clear clinical governance from Central Renal Committee and help of RR Implementation Team.

Result
The total number of patients treated increased from 3312 in 1995 to 8510 in 2013. In 2013, there were 3501 renal transplant (RTXP), 1192 hemodialysis (HD) and 3817 peritoneal dialysis (PD) patients. In 2013, 1147 new patients joined the RRT program, 49.6% of them suffered from diabetic nephropathy. The median age was 59.1 years with male to female ratio of 1.54 to 1. The ratio of PD to HD was 76.2% to 23.8%. 86% of all PD patients are on CAPD, the remaining 14% are on automated peritoneal dialysis (APD). 65% of all dialysis patients are on erythropoiesis stimulating agent (ESA) treatment. There are nearly 2000 dialysis patient waiting for renal transplant.