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The Hong Kong Renal Registry

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Hong Kong Renal Registry The Hong Kong Renal Registry (RR) is a robust, online clinical and administrative database established in 1995 by the Central Renal Committee (CRC) of the Hospital Authority (HA). It serves as a comprehensive repository for longitudinal data on patients receiving renal replacement therapy (RRT), capturing approximately 90% of the RRT population in Hong Kong. The system is seamlessly interfaced with the HA's Clinical Management System and electronic health records, while also maintaining direct integration with the organ transplant system. As of March 2026, the registry has documented over 40,000 patients, with 11.7 thousand currently active cases. This dataset is instrumental for monitoring kidney disease epidemiology, tracking patient outcomes, evaluating treatment efficacy, and facilitating deceased donor kidney allocations. Governance is strictly maintained, with all registry data owned by the Central Renal Committee. While individual renal units are permitted to retrieve their own statistics for their unit management, audit and local research, any use of territory-wide data requires formal approval and endorsement from the CRC. Globally, the RR fosters research through international collaborations, including data submission to international renal registries e.g. USRDS. By delivering critical insights into disease trends, the Hong Kong Renal Registry remains a cornerstone for territory-wide service planning, strategic resource allocation, and the optimized management of renal replacement therapy in Hong Kong.

Keywords: epidemiology, renal registry, Hong Kong