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Session Topic : Sustainable PD in a Healthy Condition

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How to Start, Expand and Maintain PD Program in Your Center?

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Daily home-based dialysis including PD may offer advantages over intermittent in-center HD, including patient convenience, quality of life and cardio-vascular complications with greater survival and fewer hospitalizations, as rapid increase in the elderly patient receiving dialysis. At the start-up, the most important tactics is multi-disciplinary approach. The strategy to expand PD is complex including factors relating to the patient / care-er, health-care team / system, geography and cultural factors including between-country differences in health care systems. In Japan, it is relieved for frail / aged patients and cares that sterile connection devices can exchange PD solution. Better systems for giving patient proper and enough information, shared decision making as early referral via multi-professional work and involving patients in their own care may have the potential to act as a driver for PD. Construction of Interactive local PD network concerning pre/post dialysis education is helpful. General physicians or home-nursing-care facilities may candidate as cooperating institutions through staff training. If available, pre-emptive planned insertion of PD catheter may reduce early-phase complications or hospitalization. A cloud-based, bi-directional connectivity platform for both continuous ambulatory PD (CAPD) and automated PD (APD) system has benefits for remote-monitoring of PD procedure. Nutrition applications for mobile-phone with artificial intelligence have been innovated. Auto-learning meal planners support the nutrition therapy for poor-controlled or elderly PD patients. Proper training programs adequately arranged for patients and supportive family members may be resulted in better outcome. Education programs for both patients and educators have to be evaluated through continuous quality management. Finally, including shared decision making (SDM) and soft-landing to switch HD, patient and / or family centered inter disciplinary approach have to be reminded.

Keywords: peritoneal dialysis, multi disciplinary , remote monitoring, kidney failure, shared decision making