

Appendix 7. Stakeholder-related needs towards CKD practice to support self-management

Domain	Category	Specific needs	Stakeholder group
Environmental context and resources	Electronic Health	● Online video to deliver knowledge during hospitalization	HCP
		● Online consultation between patients and HCPs	HCP
		● Official accounts of Wechat to deliver knowledge	HCP
		● Official website established by the hospital for knowledge search	P
		● Online search for patients' test results	P
		● Online training for patients' self-management knowledge and skills	HCP
		● Practical tools for patients' self-monitoring (e.g., wearable device)	HCP
Knowledge	Healthy behavior knowledge	● Diet restriction (e.g., knowledge of the daily diet required)	HCP, P
		● Precautions in daily life (e.g., avoid smoking and drinking wine)	HCP, P
		● Limiting water intake and how	P
		● The extent for exercise and how	P
	Disease-specific controlling behavior related knowledge	● Medication taking (e.g., side effects of medication)	HCP, P
		● Preventing from anomalies in physiological parameters (e.g., the increase of creatinine)	P
		● Detailed explanation of test results	P
	General knowledge	● General knowledge of CKD (e.g., definition, disease stage)	HCP, P
		● Renal puncture and related precautions	HCP, P

Note: Needs based on responses to interview questions "For patient: Is there anything else that should be done to support you to self-manage CKD? For health care professional, is there anything else that should be done to support you to facilitate patients' self-management?"

CKD, chronic kidney disease; P: patient; HCP: health care professional.