

ISN-GKHA: Structures, organization, and services for the management of kidney failure in South Asia

Supplementary Table, Figure, and Appendix

Table S1: Burden of chronic kidney disease and its risk factors in South Asia.

Figure S1: Shortages of kidney failure care providers in South Asia, as per subjective ISN-GKHA survey.

Supplementary Appendix: Reference list for annual cost of kidney replacement therapy (for Table 1).

Table S1: Burden of chronic kidney disease and its risk factors in South Asia.^{S1}

Country	CKD prevalence % (95% CI)	Death attributed to CKD % (95% CI)	DALYs attributed to CKD % (95% CI)	Obesity % (95% CI)	High blood pressure % (95% CI)	Smoking % (95% CI)
Afghanistan	5.0 (4.6-5.5)	1.7 (1.5-2.0)	1.0 (1.0-1.3)	4.5 (2.8-6.7)	30.6 (23.6-38.3)	13.1 (10.4-16.2)
Bangladesh	7.3 (6.7-7.9)	1.9 (1.7-2.1)	1.3 (1.2-1.4)	3.4 (2.2-4.7)	24.7 (19.1-30.6)	19.3 (16.8-22.0)
Bhutan	7.5 (6.9-8.1)	3.3 (2.8-3.7)	2.0 (1.6-2.3)	5.8 (3.8-8.2)	28.1 (21.9-34.6)	6.6 (5.4-8.0)
India	8.5 (7.9-9.2)	2.3 (2.1-2.4)	1.5 (1.4-1.6)	3.8 (2.9-4.9)	25.8 (21.3-30.7)	9.8 (9.4-10.3)
Maldives	9.3 (8.6-10.2)	5.9 (5.5-6.4)	2.7 (2.3-3.1)	7.9 (5.5-10.8)	24.4 (17.9-31.5)	-
Nepal	7.5 (7.0-8.1)	2.7 (2.3-3.0)	1.7 (1.4-2.0)	3.8 (2.6-5.2)	29.4 (23.6-35.7)	16.7 (13.8-19.9)
Pakistan	7.1 (6.6-7.7)	2.6 (2.2-3.0)	1.7 (1.4-1.9)	7.8 (5.7-10.3)	30.5 (24.4-37.4)	10.5 (8.9-12.2)
Sri Lanka	13.2 (12.3-14.3)	3.6 (3.3-3.9)	2.4 (2.1-2.7)	5.4 (3.7-7.7)	22.4 (16.5-29.3)	10.0 (8.7-11.4)

Abbreviations: CKD: chronic kidney disease; DALYs: disability-adjusted life years; CI: confidence interval

“-“: Data not reported/unavailable

Figure S1: Shortages of kidney failure care providers in South Asia, as per subjective ISN-GKHA survey.

Country	Nephrologists	Transplant surgeons	Surgeons (HD access)	Surgeons (PD access)	Interventional radiologists (HD access)	Interventional radiologists (PD access)	Laboratory technicians	Dietitians	Radiologists (ultrasound)	Vascular access coordinators	Counsellors / psychologists	Transplant coordinators	Dialysis nurses	Dialysis technicians	Total shortage
Total shortage	7	7	7	6	7	7	6	6	6	7	7	7	6	6	
Afghanistan															14
Bangladesh															14
Bhutan															8
India															14
Nepal															14
Pakistan															14
Sri Lanka															14

Abbreviations: ISN: International Society of Nephrology; GKHA: Global Kidney Health Atlas; HD: hemodialysis; PD: peritoneal dialysis

No shortage
Shortage

Supplementary Reference:

- S1. Institute for Health Metrics and Evaluation. Global Burden of Disease Study 2017 (GBD 2017) Data Resources. Available at: <http://ghdx.healthdata.org/gbd-2017>. Accessed August 6, 2020.

Supplementary Appendix: Reference list for annual cost of kidney replacement therapy (for Table 1) (APA format).

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