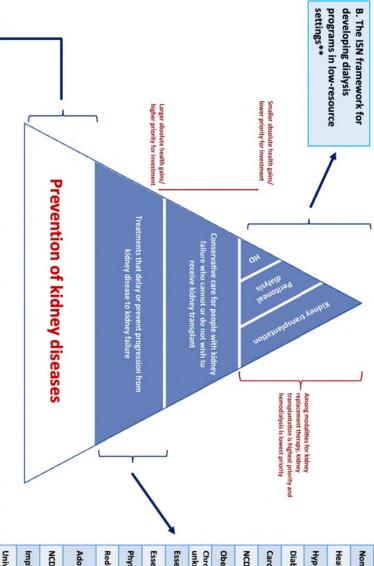
## **Supplementary information**

## Kidney health within the broader noncommunicable disease agenda

In the format provided by the authors and unedited



Universal Health Coverage	Implementation research	NCDs in emergencies	Adolescent and child health	Reduce salt intake	Physical activity	Essential medications	Essential diagnostics	Chronic kidney disease of unknown aetiology	Obesity	NCDs in primary care	Cardiovascular disease	Diabetes	Hypertension	Health promotion	Noncommunicable diseases	A. NCDs and risk factors
UHC Compendium	New implementation research studies for the prevention and control of noncommunicable diseases	NCDs in Emergencies	Improving the health and wellbeing of children and adolescents: guidance on scheduled child and adolescent well-care visits	SHAKE the salt habit	ACTIVE: a technical package for increasing physical activity	Kidney care medicines	Kidney care diagnostics	Epidemic of Chronic Kidney Disease in Agricultural Communities in Central America.	WHO acceleration plan to stop obesity	WHO Package of Essential Noncommunicable (PEN) Disease Interventions for Primary Health Care	HEARTS: Technical package for cardiovascular disease management in primary health care	The WHO Global Diabetes Compact	Guideline for the pharmacological treatment of hypertension in adults	Best buys, Saving Lives Spending Less	Global NCD Compact 2020–2030	WHO technical products*

C. Examples of WHO technical packages that support kidney health: Global malaria programme; Global Tuberculosis Report 2023; Final global health sector strategies on respectively, HIV, viral hepatitis and sexually on the United Nations Decade of Healthy Ageing, 2021-2023; Sustainable Development Goals transmitted infections, 2022-2030; Ending preventable deaths from pneumonia and diarrhoea by 2025; Ending the neglect to attain the Sustainable Development Goals: A road map for neglected tropical diseases 2021 care; Preeclampsia; Post-partum haemorrhage; Post-natal care; WHO recommendations for care of the preterm or low-birth-weight infant; Global Accelerated Action for the Health of Adolescents (AA-HAI); Progress report 2030; Immunization Agenda 2030: A Global Strategy to Leave No One Behind; Snakebite envenoming — A strategy for prevention and control; Guidelines on the Clinical Management of Sepsis; Maternal health; Antenatal

treatment recommendations for CKD (A). A framework for dialysis in low- and middle-income regions has been developed by the International Society of Nephrology (B). to kidney health are highlighted in the text boxes. Multiple noncommunicable disease (NCD) products are aimed at reducing major risk factors for NCDs (A), which are permission from Kidney Int Suppl 2020 10e19-e23DOI: (10.1016/j.kisu.2019.11.002), Elsevier. Links to technical products are listed in Supplementary Table 1. Many WHO programmes directed at reducing infections and improving maternal and child health will promote kidney health and prevent kidney injury (C). Adapted withhout with promote kidney health and prevent kidney injury (C). important strategies to prevent chronic kidney disease (CKD). Technical packages to treat hypertension, diabetes and cardiovascular disease include screening and Supplementary figure 1. Proposed framework for implementing integrated kidney care. Technical products and reports developed by the WHO with potential relevance

## Supplementary Table 1. WHO technical packages to support country approaches to NCDs and collaboration on kidney health

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Noncommunicable	Examples* of WHO programmes/technical	Link
disease targets*	packages which support kidney health	
Noncommunicable	Global NCD Compact 2020–2030	https://www.who.int/initiatives/global-noncommunicable-diseases-compact-2020-2030
diseases		
Health promotion	Best buys, Saving Lives Spending Less	https://www.who.int/publications/i/item/9789240041059
Hypertension	Guideline for the pharmacological treatment of	https://apps.who.int/iris/bitstream/handle/10665/344424/9789240033986-eng.pdf
	hypertension in adults	
Diabetes	The WHO Global Diabetes Compact	https://www.who.int/initiatives/the-who-global-diabetes-compact
Cardiovascular disease	HEARTS: Technical package for cardiovascular	https://www.who.int/publications/i/item/WHO-NMH-NVI-18-2
	disease management in primary health care:	
	Evidence-based treatment protocols	
NCDs in primary care	WHO Package of Essential Noncommunicable (PEN)	https://www.who.int/publications/i/item/9789240009226
	Disease Interventions for Primary Health Care	
Obesity	WHO acceleration plan to stop obesity	https://www.who.int/publications-detail-redirect/9789240075634
Chronic kidney disease of	Epidemic of Chronic Kidney Disease in Agricultural	https://iris.paho.org/handle/10665.2/34132
unknown aetiology	Communities in Central America.	
<b>Essential diagnostics</b>	Kidney care diagnostics	https://www.who.int/news/item/19-10-2023-who-releases-new-list-of-essential-diagnosticsnew-recommendations for henatitics a virus testsnerconal-use-durons-maters
Essential medications	Kidnev care medicines	
		medicines/essential-medicines-lists
Physical activity	ACTIVE: a technical package for increasing physical activity	https://www.who.int/publications/i/item/9789241514804
Reduce salt intake	SHAKE the salt habit	https://www.who.int/publications/i/item/WHO-NMH-PND-16.4
Adolescent and child	Improving the health and wellbeing of children and	https://www.who.int/publications/i/item/9789240085336
health	adolescents: guidance on scheduled child and adolescents: guidance on scheduled child and	
NCDs in emergencies	NCDs in Emergencies	https://www.who.int/publications/i/item/noncommunicable-diseases-in-emergencies
Implementation research	New implementation research studies for the	https://ahpsr.who.int/newsroom/news/item/15-09-2023-new-implementation-research-studies-for-
	prevention and control of noncommunicable	the-prevention-and-control-of-noncommunicable-diseases
	diseases	
Universal Health	UHC Compendium	https://www.who.int/universal-health-coverage/compendium
Coverage		
Kidney Health**	Framework	Link
Kidney Replacement	The ISN framework for developing dialysis	https://www.theisn.org/wp-content/uploads/2021/03/ISN-Framework-Dialysis-Report-HIRES.pdf
Therapy	programs in low-resource settings	