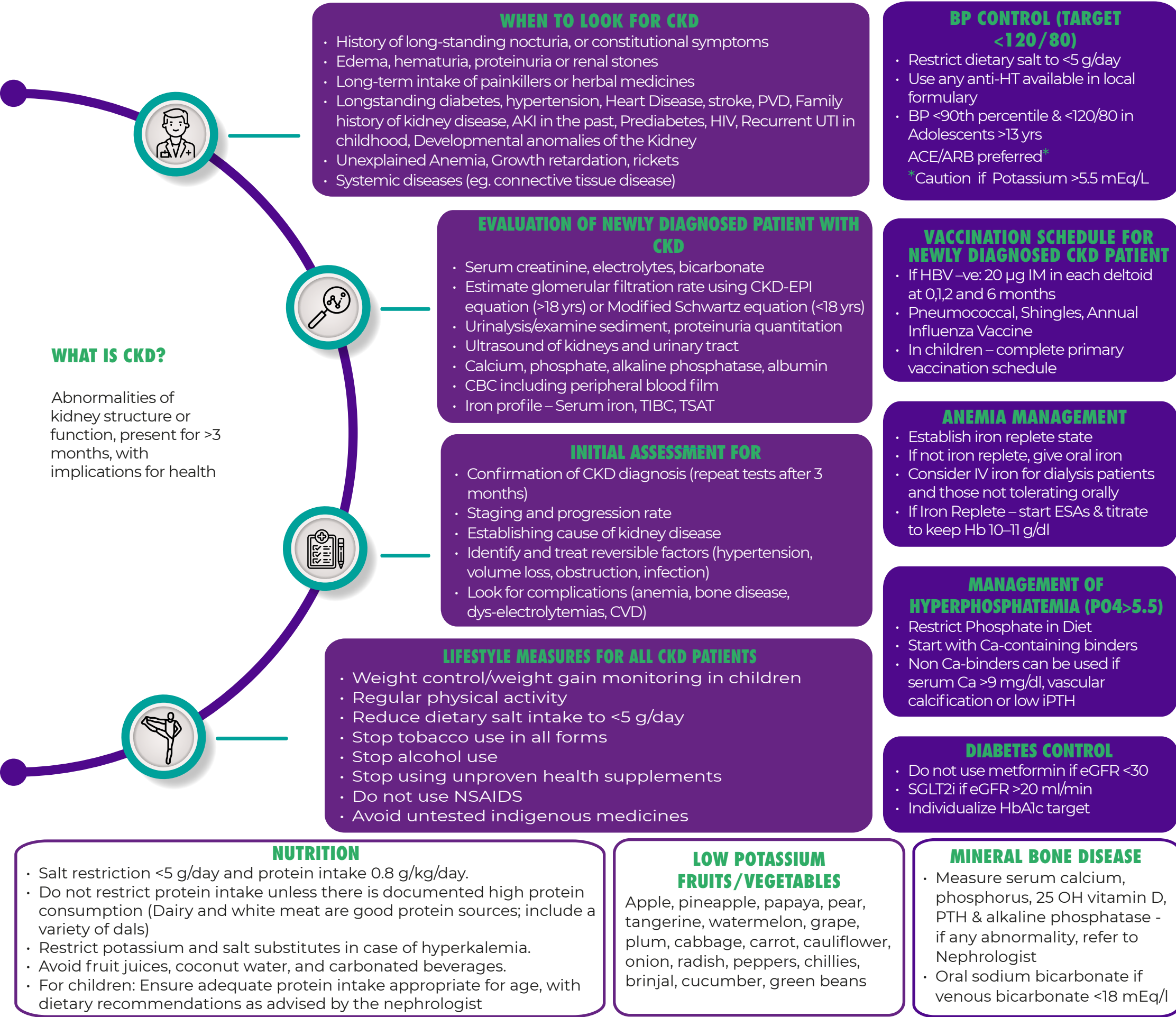


Standard Treatment Workflow (STW)

CHRONIC KIDNEY DISEASE (CKD)

ICD-11-GB61



MANAGEMENT		
PRIMARY CARE - Detailed history and physical examination - Identify and correct reversible factors - Stop nephrotoxic agents - Referral after stabilization	INDICATIONS FOR REFERRAL - Initial evaluation of all newly diagnosed cases - Rapid disease progression - New complication - Discussion for Renal Replacement Therapy (RRT)	ACEI/ARB, SGLT2I & Non-Steroidal MRAs retard CKD progression & reduce CV events - should be used when possible, with careful monitoring
ADMISSION CRITERIA - Initial evaluation or when patient presents with specific problems – like acute worsening, development of a new complication - For creation of vascular access - For PD catheter placement or initiation - Initiation on HD and for kidney transplant	DISTRICT HOSPITAL - Detailed history and physical examination - Investigate to ascertain cause of CKD - Tailor treatment to cause - Identify and manage complications - Vaccination - Identify and correct acute factors - Counseling: nutrition, lifestyle, pregnancy in women of child-bearing age - Discussion regarding RRT - Vascular access creation or PD Catheter insertion - Send patient back to community with treatment plan	
TERTIARY CARE - Detailed history and physical examination - Investigate to ascertain cause of CKD (imaging/biopsy/genetic studies) - Tailor treatment to cause - Identify and manage complications - Vaccination - Counseling: nutrition, lifestyle, pregnancy in women of child-bearing age - Discussion regarding RRT - Vascular access creation/PD catheter insertion - Work-up for transplantation - Send patient back to community with treatment plan	PREPARATION FOR RENAL REPLACEMENT THERAPY - eGFR <30: Preserve veins in the non-dominant arm for AV fistula - eGFR <30: Discuss RRT options - Counsel for AVF - Dialysis start: To be decided by Nephrologist based on symptoms and complications of renal failure CONSERVATIVE CARE - If life expectancy limited, multiple comorbidities/personal preference - Decision-making should be shared with patient/family	

ABBREVIATIONS		
ACEI: Angiotensin Converting Enzyme Inhibitor	Hb: Haemoglobin	PO4: Phosphate
AKI: Acute Kidney Injury	HbA1c: Haemoglobin A1c	PVD: Peripheral Vascular Disease
ARB: Angiotensin Receptor Blocker	HBV: Hepatitis B Virus	RRT: Renal Replacement Therapy
AV Fistula: Arterio-Venous Fistula	HIV: Human Immunodeficiency Virus	SGLT2i: Sodium Glucose Transporter 2 inhibitor
BP: Blood Pressure	iPTH: Intact Parathyroid Hormone	
Ca: Calcium	IV: Intravenous	TIBC: Total Iron Binding Capacity
eGFR: Estimated Glomerular Filtration Rate	NSAIDs: Non-Steroidal Anti-Inflammatory Drugs	TSAT: Transferrin Saturation
ESA: Erythropoiesis Stimulating Agents	PD: Peritoneal Dialysis	UTI: Urinary Tract Infection

REFERENCES

1. Kidney Disease: Improving Global Outcomes (KDIGO) CKD Work Group. KDIGO 2024 Clinical Practice Guideline for the Evaluation and Management of Chronic Kidney Disease. Kidney Int. 2024 Apr;105(4S):S117–S314. doi: 10.1016/j.kint.2023.10.018. PMID: 38490803