

TEST	FREQUENCY	COMMENT	
ANTHROPOMETRY	INCOCIO		
 Body weight 	Every visit		
 Height 	First visit		
• BMI	Every visit	< 25 for men and women	
Waist circumference	Every visit	Men <94 cm; Women <80 cm*	
URINE DIPSTICK ROL	TINE		
Protein.Blood.Glucose	 First visit Yearly if normal Repeat at next visit if abnormal on first visit 	 ABNORMAL DIPSTICK Any one of the following: Proteinuria ≥ 2+; Haematuria ≥ 1+. Refer for further investigation 	
URINE ALBUMIN/ CREATININE RATIO -Diabetes mellitus only	First visit then yearly	 Performed on diagnosis of diabetes mellitus type 2 or 5 years after the diagnosis type 1 	
BLOOD TESTS			
CreatinineSodium/PotassiumUric acid	Yearly if normal (except uric acid)	Use eGFR in ml/min/ 1.73m ²	
Fasting glucose	Yearly if normal	GTT/HBA ₁ C in patients with impaired fasting glucose.	
Random total cholesterol	Yearly if normal	Measure fasting lipogram if cholesterol : 5.1 mmol/L or in high risk groups	
HBA ₁ C	6 monthly	Diabetics only	
ECG (RESTING)	Yearly in high risk patients	Refer to criteria for LVH, check for signs of ischaemia	
SECONDARY CAUSE or COMPLICATIONS	Referral	This may include but not limited to ultrasound kidneys, CT scan/angiography and vascular studies, sleep studies or endocrine tests as indicated by clinical suspicion	

	6 monthly	Diabetics only			
ING)	Yearly in high risk patients	Refer to criteria for LVH, chec signs of ischaemia			
RY CAUSE CATIONS	Referral	This may include but not limited ultrasound kidneys, CT scan/and and vascular studies, sleep studiendocrine tests as indicated by suspicion			
 Suggested referral to specialist level Severe or resistant hypertension Labile hypertension Secondary causes suspected Progressive TOD, complications or multiple comorbidities Hypertensive urgency or emergency 					

Compe	elling indications	and contrainc	dications
CLASS	CONDITIONS	CONTRAINDICATIONS	
	FAVOURING THE USE	COMPELLING	POSSIBLE
DIURETICS (thiazide; thiazide-like)	 HF Elderly ISH Hypertensives of African origin. 	• Gout	 Pregnancy B blockers (especially atenolol)
DIURETICS (loop)	Renal insufficiencyHF		 Pregnancy
DIURETIC (anti- aldosterone)	HFPost-myocardial infarctionResistant hypertension	Renal failureHyperkalaemia	
CCB LONG ACTING ONLY (dihydropyridine)	 Elderly ISH Angina pectoris Peripheral vascular disease Carotid atherosclerosis Pregnancy (nifedipine only) 		TachyarrhythmiasHF
CCB non- dihydropyridine (verapamil, diltiazem)	 Angina pectoris 	AV block (grade 2 or 3)HF	 Constipation (verapamil)
ACE-I	 HF LV dysfunction Post-myocardial infarction Non-diabetic nephropathy Type 1 diabetic nephropathy Prevention of diabetic microalbuminuria Proteinuria 	 Pregnancy; Hyperkalaemia; Bilateral renal artery stenosis Angioneurotic oedema (more common in blacks than in Caucasians) 	
ARB	 Type 2 diabetic nephropathy Type 2 diabetic with microalbuminuria Proteinuria LVH ACE-I cough or intolerance 	 Pregnancy; Hyperkalaemia Bilateral renal artery stenosis. 	
β-BLOCKER	 Angina pectoris Post-myocardial infarction HF (selected only) Tachyarrhythmias 	 Asthma Chronic obstructive pulmonary disease AV block (grade 2 or 3) Pregnancy (atenolol) 	 Peripheral vascular disease Bradycardia Glucose intolerance Metabolic syndrome Athletes and physically active patients Non dihydropyridine CCB's (verapamil, diltiazem)