

HYPERTENSION	ı
Symptoms	Questions
Headaches, dizziness, tinnitus, blurred vision, epistaxis, chest discomfort, palpitations, nervousness, fatigue	Does patient check blood pressure at home? What numbers are they getting? What are the highest and lowest numbers? How often are their numbers super high?
Complications	Any symptoms of HTN?
HF, CAD, MI, A Fib, aortic dissection, PAD, atherosclerosis, stroke, CKD, hypertensive nephrosclerosis, retinopathy	What medication(s) is the patient taking? Dose? How many times a day? How many days per week does the patient forget/does not have time to take their medication?
Risk Factors	
•	, smoking, excessive nigh sodium diet, physical
Labs	
CBC, creatinine,	eGFR, BMP
HYPERTENSION	I: MEDICATIONS
ACEIe (lieinopril	Thiazida diuratice

HYPERTENSION: MEDICATIONS			
ACEIs (lisinopril, enalapril)	Thiazide diuretics (HCTZ)		
First-line for patients with DM, renal disease, ischaemic heart disease, and HF	Side effects: hypokalaemia, hyponatraemia, increased glucose and cholesterol		

MEDICATIONS (cont)
_
Dihydropyridine CCB (amlodipine, nifedipine)
Avoid in patients with HFrEF
Side effects: oedema, nausea, flushing, HA, GERD, gingival hyperplasia
Beta blockers (propranolol, metoprolol)
Second-line therapy; used as primary drug in patients with HF, A Fib, ischaemic heart disease
Side effects: bronch- oconstriction with non-cardioselective

DIABETES TYPE II	
Symptoms	Questions
Polyuria, polydi- psia, polyphagia, vision changes, poor wound healing, numbness, tingling, consti- pation	Does pt check their blood sugars at home? When? What are their morning numbers (before eating)? Numbers during the day?
Labs	Highest and lowest blood sugars? How often? Any sympto- matic low blood sugars?
A1c (every 3-6 months), BMP (renal function and electrolytes), LFTs, lipids, urine microalb/cr	If on insulin, how many units with which type of insulin? How often do they forget/are too busy to take their insulin?
Look For	Numbness, tingling, etc? Vision changes?
Statin therapy regardless, ASCVD assessment for high-intensity statin	Have they seen an eye doctor in the past year?
Last ophthalmology	exam, podiatry
Physical Exam	
Foot exam, acantho	sis nigricans



By cmkf5k cheatography.com/cmkf5k/

Published 1st December, 2021. Last updated 28th November, 2021. Page 1 of 4. Sponsored by CrosswordCheats.com Learn to solve cryptic crosswords! http://crosswordcheats.com

DIABETES TYPE II: TREATMENT

Sulphonylureas

iride, glipizide

Glyburide, glimep-

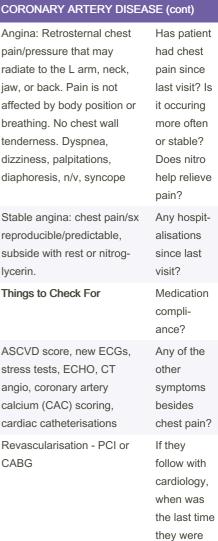
Metformin

Enhances effect of

insulin. Weight loss.



DIABETES TYPE II: TREA	TMENT (cont)	DIABETES TYPE II: TF	REATMENT (cont)	CORONARY ARTERY
Side effects: lactic acidosis, GI complaints (only when first starting, D/C), decreased B12 absorption	Increase insulin secretion	Side effects: GI sx, pancreatitis, URI, headache, dizziness, oedema Contraindication:	Side effects: pancreatitis, possible pancreatic cancer, nausea Contraindications:	Angina: Retrosternal ch pain/pressure that may radiate to the L arm, ned jaw, or back. Pain is not affected by body position
Contraindication: CKD Side effects: w/ GFR <30 risk of hypoglycaemia, weight gain, agranulocycles	risk of hypogl-		pre-existing, sx GI motility disorders	breathing. No chest wal tenderness. Dyspnea, dizziness, palpitations,
				diaphoresis, n/v, syncop
	haemolysis	Rapid Acting Insulin	Long-Acting Insulin	Stable angina: chest pa
Contraindications: CV comorbidity,	Contraindica-	Lispro, aspart, glulisine	Glargine, detemir, degludec	reproducible/predictable subside with rest or nitro
	Onset: 5-15 min,	Onset: 1-4 hrs,	lycerin.	
	obesity, severe renal/liver	Peak: 1 hr, Duration: 3-4 hrs	Duration: 24 hrs	Things to Check For
	failure	Before meals	Once daily	
SGLT-2 Inhibitors	Meglitinides	inides Adverse Effects of Insulin		ASCVD score, new ECC
Canagliflozin, dapagliflozin, empagliflozin	Nateglinide, repaglinide	Hypoglycaemia, weight hypokalaemia, oedema		stress tests, ECHO, CT angio, coronary artery calcium (CAC) scoring,
Increases glucose excretion with urine	Increases insulin secretion	injection site		cardiac catheterisations
Side effects: genital	Side effects:	CORONARY ARTERY	DISEASE	Revascularisation - PCI
yeast infections and UTI, polyuria and dehydr- ation, DKAContraindica- tion: CKD, recurrent	risk of hypogl- ycaemia, weight gain	Symptoms	Questions	CABG
UTIs				
Contraindication: CKD, recurrent UTIs	Contraindication: severe liver failure			Secondary Prevention
DPP-4 Inhibitors	GLP-1 Agonists			
Saxagliptin, sitagliptin	Exenatide, liraglutide			
Inhibits GLP-1 degradation	Stimulates GLP-1			



seen?



By cmkf5k cheatography.com/cmkf5k/ Published 1st December, 2021. Last updated 28th November, 2021. Page 2 of 4.

Sponsored by CrosswordCheats.com Learn to solve cryptic crosswords! http://crosswordcheats.com



CORONARY ARTERY DISEASE (cont)

Smoking cessation, increased physical activity, lifelonf antiplatelet therapy with aspiring or clopidogrel, treat comorbidities, lipid-lowering therapy

CORONARY ARTERY DISEASE:

IREAIMENI	
Anti-anginal Drugs	Antiplatelet Agents
First-line: beta-blockers	Recomm- ended for all patients
Second-line: CCBs, nitrates, ranolazine	Aspirin, clopidogrel
ACEIs or ARBs	Revascula- risation
In patients who also have HTN, DM, LVEF 40% or <, CKD	CABG
Lisinopril, ramipril. Losartan, valsartan.	PCI

COPD & TREATMENT			
Symptoms	Complications		
Cough, dyspnea, fatigue, hypervent- ilation	Chronic respiratory failure, R HF (cor pulmonale), secondary spontaneous pneumothorax		
Physical Exam	Treatment		

COPD & TREATMENT (cont)	
Accessory muscle use, barrel chest, decreased breath sounds, end-expiratory wheezing and/or prolonged expiration, rhonchi/crackles, cyanosis, tachycardia, JVD, oedema, nail clubbing	Short acting beta agonists: salbutamol
Labs	Long-a- cting beta agonists: salmeterol
CBC	Short acting muscarinic antago- nists: ipratr- opium bromide
Things To Look For	Long-a- cting muscarinic antago- nists: tiotropium bromide
PFT: FEV1 and FEV1/FVC	Inhaled corticost- eroids: budeso- nide, fluticasone
CXR, chest CT	
Pulmonology clinic notes	

Questions: How often they use albuterol inhaler? Any hospitalisations due to COPD exacerbation since last visit? If on O2, when do they use it? How has their COPD been - stable, worse? Have they used their steroids (pills) since the last visit (if they have them, some have to prevent exacerbations)?

CKD	
Risk Factors	Treatment
DMII, HTN, obesity, advanced age, substance use, AKI	Diet
Aetiology	Avoidance of nephrotoxic substances: NSAIDs, antifu- ngal, antibiotics, antivirals
Diabetic nephropathy, hypertensive nephro- pathy, glomerulonep- hritis, PKD, analgesic misuse, amyloidosis	Control underlying condition and comorbidities
Labs	Haemodialysis
CBC, BMP (Cr, BUN), PT, PTT, bleeding time, lipid panel, blood pH, eGFR, urinalysis, urine microalb/cr	Complications
	CKD-mineral and bone disorder, secondary hyperparathyroi- dism, anaemia, ESRD

CONGESTIVE HEART FAILURE

Symptoms	Lifestyle Modifi- cations
Nocturia, fatigue,	Exercise, cessation
tachycardia,	of smoking/EtOH/re-
dyspnea,	creational drugs,
orthopnea, PND,	weight loss, immuni-
peripheral oedema	sations



By **cmkf5k** cheatography.com/cmkf5k/

Published 1st December, 2021. Last updated 28th November, 2021. Page 3 of 4. Sponsored by CrosswordCheats.com Learn to solve cryptic crosswords! http://crosswordcheats.com



CONGESTIVE HEART FAILURE (cont)			
Physical Exam	Diet and fluid restriction		
S3/S4 gallop, pulsus alternans, bilateral basilar crackles, displaced apical heart beat, peripheral pitting oedema, JVD, hepato- jugular reflux	Self-monitoring and symptom recognition (if pt gains > 4-5 lbs within 3 days -> fluid overloaded)		
Labs	Drugs to Avoid		
CBC, BMP, LFTs, lipid panel	Most antiarrhy- thmic drugs, CCB (except amlodipine), NSAIDs, thiazo- lidinediones		
Know baseline BNP			

1 (110)	Daociiiio	0

Look For

Echo - ejection fraction, valvular dysfunction CXR - cardiac silhouette, pulmonary congestion

ECG - LVH

Cardiac MRI, L heart cath/angio, R heart cath

CONGESTIVE HEART FAILURE:

TREATMENT	
ACEIs	Aldosterone Antagonists
Enalapril, lisinopril	Spironolactone, eplerenone
Every patient with HFrEF	Class II-IV and LVEF <35%
ARBs	Monitor for hyperk- alaemia
Losartan,	Loop Diuretics and

CONGESTIVE HEART FAILURE: TREATMENT (cont)		
Beta Blockers	Loop: furose- mide, torsemide	
Carvedilol, metoprolol	Thiazide: HCTZ, metolazone, chlorthalidone	
Add once patient is stable on ACEI/ARB and no decompensated	To treat volume overload	

CIRRHOSIS	
Symptoms	Things to Look Out For
Often asympt- omatic	Child-Pugh score and MELD score every 6 months along with labs
Fatigue, pruritus, yellowing of skin or eyes, n/v, increased abdomen size, gynecomastia, hypogonadism	HCC screening (q6 months)
Physical	Complications

Physical Exam	Complications
Jaundice, telangiec- tasia, caput medusae, palmar erythema, hepato- megaly, spleno- megaly, ascites, asterixis	Portal HTN, ascites, spontaneous bacterial peritonitis, oesophageal variceal haemorrhage, coagulopathy, hepatic encephalopathy, hepato- renal syndrome, hepatopul- monary syndrome, HCC, portal vein thrombosis

CIRRHOSIS (cont)	
Labs	Treatment
CBC, LFTs, alk phos, ammonia, PT/INR, albumin	Treat underlying condition, avoid hepatotoxic substances (EtOH, NSAIDs), routine vaccines
Imaging	Non-selective beta blockers (propranolol) to lower portal HTN and prevent variceal bleeding
US, CT scan	Spironolactone and furosemide for ascites and oedema

Aetiology is extensive: alcohol use, medications, aflatoxin, hepatitis, primary biliary cirrhosis, primary sclerosing cholangitis, parasitic infections, non-alcoholic steatohepatitis, haemochromatosis, Wilson disease, alpha-1 antitrypsin deficiency, glycogen storage disease, CF, Budd-Chiari syndrome



valsartan

By **cmkf5k** cheatography.com/cmkf5k/

Thiazide Diuretics

Published 1st December, 2021. Last updated 28th November, 2021. Page 4 of 4. Sponsored by CrosswordCheats.com Learn to solve cryptic crosswords! http://crosswordcheats.com