# Primary Care Cheat Sheet by cmkf5k via cheatography.com/140722/cs/29952/

HYPERTENSION			
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, atheroscl- erosis, stroke, CKD, hypert- ensive nephro- sclerosis, 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			
Obesity, diabetes, smoking, excessive alcohol/caffeine, high sodium diet, physical inactivity, stress			
Labs			
CBC, creatinine, e	GFR, BMP		
HYPERTENSION:			
ACEIs (lisinopril,	Thiazide diuretics		

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

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HYPERTENSION: MEDICATIONS (cont)

Side effects: dry cough, hyperk- alaemia	_	
Adverse effects: angioedema - STOP IMMEDI- ATELY		
ARBs (losartan, valsartan)	Dihydropyridine CCB (amlodipine, nifedi- pine)	
First-line for patients with DM, renal disease, ischaemic heart disease, and HF	Avoid in patients with HFrEF	
Side effects: hyperkalaemia	Side effects: oedema, nausea, flushing, HA, GERD, gingival hyperplasia	
Nondihydropy- ridine CCB (dilti- azem, verapamil)	Beta blockers (propr- anolol, metoprolol)	
Side effects: bradycardia, AV block, consti- pation, hyperprol- actinaemia (verap- amil)	Second-line therapy; used as primary drug in patients with HF, A Fib, ischaemic heart disease	
	Side effects: bronch- oconstriction with non-cardioselective beta blockers, increased TG	
Many others, but these are the main ones that you are most likely to see in clinic.		

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### 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
DIABETES TYPE II:	TREATMENT
Metformin	Sulphonylureas
Enhances effect of	Glyburide, glimep-

Metformin	Sulphonylureas
Enhances effect of	Glyburide, glimep-
insulin. Weight loss.	iride, glipizide

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DIABETES TYPE II: TREA	TMENT (cont)	DIABETES TYPE II: TH	REATMENT (cont)	CORONARY ARTERY DISEA	SE (cont)
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 chest pain/pressure that may radiate to the L arm, neck, jaw, or back. Pain is not affected by body position or	Has patient had chest pain since last visit? Is it occuring
Contraindication: CKD w/ GFR <30	Side effects: risk of hypogl- ycaemia, weight gain, agranuloc- ytosis,	liver failure, moderate to severe renal failure 	pre-existing, sx GI motility disorders 	breathing. No chest wall tenderness. Dyspnea, dizziness, palpitations, diaphoresis, n/v, syncope	more often or stable? Does nitro help relieve pain?
	haemolysis Contraindica- tions: CV comorbidity,	Rapid Acting InsulinLispro, aspart,glulisineOnset: 5-15 min,	Long-Acting Insulin Glargine, detemir, degludec Onset: 1-4 hrs,	Stable angina: chest pain/sx reproducible/predictable, subside with rest or nitrog- lycerin.	Any hospit- alisations since last visit?
	obesity, severe renal/liver failure	Peak: 1 hr, Duration: 3-4 hrs Before meals	Duration: 24 hrs Once daily	Things to Check For	Medication compli- ance?
SGLT-2 Inhibitors	Meglitinides	Adverse Effects of Insu		ASCVD score, new ECGs,	Any of the
Canagliflozin, dapaglifl- ozin, empagliflozin Increases glucose	Nateglinide, repaglinide Increases	Hypoglycaemia, weigh hypokalaemia, oedema injection site		stress tests, ECHO, CT angio, coronary artery calcium (CAC) scoring, cardiac catheterisations	other symptoms besides chest pain?
excretion with urine Side effects: genital yeast infections and UTI, polyuria and dehydr- ation, DKAContraindica- tion: CKD, recurrent UTIs	insulin secretion Side effects: risk of hypogl- ycaemia, weight gain	CORONARY ARTERY Symptoms	DISEASE Questions	Revascularisation - PCI or CABG	If they follow with cardiology, when was the last time they were seen?
Contraindication: CKD, recurrent UTIs	Contraindica- tion: severe liver failure			Secondary Prevention	
DPP-4 Inhibitors	GLP-1 Agonists				
Saxagliptin, sitagliptin	Exenatide, liraglutide				
Inhibits GLP-1 degrad- ation	Stimulates GLP-1 receptors				

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#### CORONARY ARTERY DISEASE (cont)

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

### CORONARY ARTERY DISEASE: TREATMENT

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,	Chronic respiratory failure, R HF (cor pulmonale), secondary spontaneous
hypervent- ilation	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)?

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Diet DMII, HTN, obesity, advanced age, substance use, AKI Aetiology Avoidance of nephrotoxic substances: NSAIDs, antifungal, antibiotics, antivirals Diabetic nephropathy, Control hypertensive nephrounderlying pathy, glomerulonepcondition and hritis, PKD, analgesic comorbidities misuse, amyloidosis Labs Haemodialysis CBC, BMP (Cr, BUN), Complications PT, PTT, bleeding time, lipid panel, blood pH, eGFR, urinalysis, urine microalb/cr CKD-mineral and bone disorder,

Treatment

# 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

secondary hyperparathyroidism, anaemia,

**ESRD** 

CKD

**Risk Factors** 

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CONGESTIVE HEART FAILURE (cont)			
Physical Exam	Diet an		
	restricti	on	
S3/S4 gallop, puls		onitoring	
alternans, bilateral basilar crackles.	and syr	nptom ition (if pt	
displaced apical he	0	4-5 lbs	
beat, peripheral pit	0	3 days ->	
oedema, JVD, hep	ato- fluid ov	erloaded)	
jugular reflux			
Labs	Drugs t	o Avoid	
CBC, BMP, LFTs,		ntiarrhy-	
panel	thmic d CCB (e	-	
	amlodi		
		s, thiazo-	
	lidinedi	ones	
Know baseline BN	c		
Look For			
Echo - ejection fraction, valvular dysfunction			
CXR - cardiac silhouette, pulmonary			
congestion			
ECG - LVH			
Cardiac MRI, L hea	art cath/angio, R	heart	
cath			
CONGESTIVE HE	ART FAILUR <u>e:</u>		
TREATMENT			
ACEIs	Aldosterone An	tagonists	
Enalapril,	oril, Spironolactone,		

### 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, gyneco- mastia, hypogo- nadism	HCC screening (q6 months)
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 (con

CIRRHUSIS (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

lisinopril	eplerenone
Every patient with HFrEF	Class II-IV and LVEF <35%
ARBs	Monitor for hyperk- alaemia
Losartan,	Loop Diuretics and
valsartan	Thiazide Diuretics

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