



MED441
KING SAUD UNIVERSITY

Personalized summary



Pharmacology
TEAM 441

اهلاً! نتمنى تكونون بخير
الملف باذن الله يشمل كل الأدوية التي بندرسها هالبلوك، تركنا لكم مساحة فاضية تحطون
المعلومات التي تساعدكم على مراجعة اللكتشر

بالتوفيق!

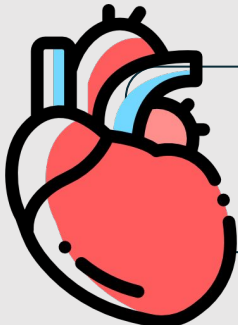
اللي وده يشارك ملخصه يرسلنا على إيميل التيم ، شكرًا مقدماً

This file is an empty template containing all the drugs in this block.

We hope it's convenient for your review.

Best of luck!

If you're proud of your file contact us & let us see what you've got !



Contact us:

pharmateam441@gmail.com

L1: Sympatholytic & adrenergic blockers α -receptor Antagonists:

Drug name:	MOA:	Main use:	Contraindications&ADR	Notes:
α -Methyl dopa				
Guanethidine				
Clonidine				
Apraclonidine				
Reserpine				
Phenoxy benzamine				
Phentolamine				
Prazosin				
Doxazosin				
Terazosin				
Yohimbine				
Tamsulosin				

L1: Sympatholytic & adrenergic blockers α -receptor Antagonists:

Recap of what I know:

To Review:

L2. β - Adrenoceptors blockers

Drug name:	MOA:	Uses:	ADRs:	Notes:
Propranolol				
Timolol				
Atenolol				
Bisoprolol				
Metoprolol				
Esmolol				
Carvedilol				
Labetalol				

Recap of what I know:

To Review:

L3.Anti-Arrhythmic drugs

Drug name:	MOA & class :	Main use:	Adm.& Drug Interactions:	ADRs:
Quinidine	Class:			
Procainamide				
Lidocaine	Class:			
Mexiletine				
Flecainide	Class:			
Esmolol Propranolol , Atenolol, metoprolol	Class:			
Amiodarone	Class:			
Ibutilide	Class:			
Verapamil , Diltiazem	Class:			
Adenosine	Class:			
Dronedarone	Class:			

Recap of what I know:

To Review:

L4. Drug Therapy of Heart Failure

Class	Drug name:	MOA:	Uses:	ADRs:
Diuretics	Chlorothiazide			
	Furosemide			
Aldosterone antagonists	Spirolactone			
	Eplerenone			
Venodilators	Nitroglycerine			
	Isosorbide dinitrate			
Arteriodilators	Hydralazine			

L4. Drug Therapy of Heart Failure

Class	Drug name:	MOA:	Uses:	ADRs:
ACEI	Captopril			
	Enalapri Ramipril			
ARBs	Losartan Valsartan Irbesartan			
a-adenoreceptor blockers	Prazosin			
Direct acting vasodilators	Sodium nitroprusside			
	Isosorbide dinitrate			
Cardiac glycosides (digitalis)	Digoxin			

L4. Drug Therapy of Heart Failure

Class	Drug name:	MOA:	Uses:	ADRs:
β -Adrenoreceptor or AGONIST	Dobutamine			
	phosphodiesterase-III inhibitors			
	Milrinone			
	Enoximone Vesnarinone			
β -adrenoreceptor blockers	Bisoprolol Metoprolol (Second generation)			
	Carvedilol Nebivolol (Third generation)			
Natriuretic Peptides	Nesiritide			
Calcium sensitisers	Levosimendan			

L5. Anti-hypertensive drugs

Group	Drug name:	MOA:	Uses:	Notes / ADRS :
Diuretics	Thiazides: Hydrochlorothiazide chlorothiazide chlorthalidone			
	(Loop Diuretics) Furosemide			
	Potassium-sparing Diuretics) Spironolactone			
Vasodilators	Hydralazine			
	Minoxidil			
	Diazoxide			
	Sodium nitroprusside			

L5. Anti-hypertensive drugs

Group	Drug name:	MOA:	Uses:	ADRs & contraindications :
Angiotensin Converting enzyme inhibitors (ACEIs)	<u>Captopril</u>			
	Lisinopril			
	Enalapril			
	Ramipril			
Angiotensin receptors blockers (ARBs)	Losartan			
	Valsartan			
	Candesartan			
	Telmisartan			

L5. Anti-hypertensive drugs

Group	Drug name:	MOA:	Uses:	Notes & ADRs:
Calcium channel blockers	<u>Phenylalkylamine:</u> Verapamil			
	<u>Dihydropyridine:</u> Nifedipine			
	<u>Benzothiazepine:</u> Diltiazem			
Sympatholytic drugs	<u>B-adrenoceptor blockers</u> propranolol atenolol metoprolol			
	<u>α- adrenoceptor blockers:</u> prazosin doxazosin			
	<u>centrally acting sympatholytic drugs:</u> Clonidine			
	<u>centrally acting sympatholytic drugs:</u> α-methyldopa			

L6. Thrombolytic Drugs

Drug name:	MOA:	Advantages & uses::	Disadvantages & ADRs
Streptokinase (SK)			
Anistreplase (APSAC)			
Urokinase			
Alteplase			
Retepase			
Tenecteplase			
Aminocaproic Acid & Tranexamic acid			
Aprotinin			

Recap of what I know:

To Review:

L7. Anti-Anginal Drugs

Group	Drug name:	MOA & PK:	Uses:	ADRs & contra:
Organic Nitrates	<u>Nitroglycerine (GTN)</u> Short acting			
	<u>Isosorbide mononitrate & dinitrate:</u> Long acting			
Calcium channel blockers	<u>Dihydropyridine</u> Nifedipine - Amlodipine - Nicardipine			
	<u>Phenylalkylamine</u> Verapamil			
	<u>Benzothiazepine</u> Diltiazem			
β1 Selective blockers	Atenolol Bisoprolol Metoprolol			

L7.Anti-Anginal Drugs

Group	Drug name:	MOA & PK:	Uses:	ADRs & contra:
1-Potassium Channel Openers	<u>Nicorandil</u>			
Metabolically Acting Agents	<u>Trimetazidine</u>	1.		
		2.		
Late Na ⁺ current inhibition	<u>Ranolazine</u>			
Sinus node inhibition	<u>Ivabradine</u>			

Recap of what I know:

To Review:

L8. Drugs for hyperlipidemia

Group	Drug name:	MOA:	Uses:	Contra. & ADRs:
Bile acid sequestrants/ Resins	<u>Cholestyramine</u>			
	<u>Colestipol</u>			
	<u>Colesevelam</u>			
Cholesterol Absorption Inhibitors	<u>Ezetimibe</u>			
Statins	Rosuvastatin ,Atorvastatin, Lovastatin, Pravastatin, Simvastatin , fluvastatin			
Niacin	—			
Fibrates	Clofibrate Gemfibrozil Fenofibrate			

Recap of what I know:

To Review:

Good luck!



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