		Lecture 5 ora	aL anti-Proto	Scal Scal Anti-mal Smiscellan	arial	Some of them used
					eous antiproto	2001. 60 treated tacterial inh
① Miscellancous	antiprotoznal	* Anti-n	nalarial Di	rugs.		> Barycyclin
		•Malaria is a mosqui		V		
Mahanadazala At	inidazde InfurateL.	infectious disease of and other animals ca				
Metroneclaze ti		parasitic protozoans	2			
* Drug of choice in Tm .	rifurate can be	of single-celled microorganism) belo	naina to			
of extraluminal Amebiasis * Sim	illar activity.	the genus Plasmodiu				
* Kills trophozoites but 9 hut	Her toxicity Bohle	>life cycle	of malani	a Parasites.		
	Metro.			nsmitted by the bite of infected		
to Gradicale Investinal of	(letro .			hsmitted by the bite of infected whelinemosquitoes .		
EXTraintestinal lissue with metron and has	nidazole as mary of the same side 8 but	11111		nosquito salivary glands enter the		
it can b	be given in a single dose			nepatocytes to multiply, and		
* Flagy L, Hetrogel (Fulfishow)			develop			
* The Drugs freely pentrales		Blood		atic for 5 to 15 days, depending on		
Platozoal & bacterial Cells but Not	Adverse Effects	schizonticide	Gametocide the Plasmoot • Tissue sch	dium izonts rupture,		
			· releasing t	housands of merozoites that enter		
MOA of Metro		hi	mature schi			
	mmon Intrequent RaRe			containing erythrocytes rupture, ng 6 to 32 merozoites this		
* Pyruvate-ferredoxin encyme <u>Sxidoreductase</u>	Sea Vomiting - Pancreatitis	Schizonts		t produces febrile attacks.		
	dache Diarrheix -severe civis toxicity					
they Reduce Metro	mouth insominia Trividozat is keller kelaated	Tissue				
* moha	Weakiness	schizonticide	rupture			
Reduced Netro ^{Odistrupts}	ALIIC boote dizziness			Drugs		
Biplication of transcription g [©] inhibit DNA Repair	* Metro avoided in pregnant	Hypnozoites		01093		
	or nursing women	Source: Katzung BG, Masters SB, Trevor AJ: Basic & Clini 11th Edition: http://www.accessmedicine.com	cal Pharmacology,			
* Clinical uses:	على الدغم انه له	Coovright @ The McGrav-Hill Companies, Inc. All nonts in	eserved.	k	J.	$\overline{}$
@ Amebiasis	على الدغم انه لم لسجل حالات نسط هان من قبر	chloroa.uine	Quinine	Artemisin	Doxycyclin	Pyri methomin
- Metronidazele (The Drugof choice) for (Entamelaa histolytica)(hepatic abscess)	\searrow			New drug from Sweet		
- Not effective against (Intestinal Wall) (Entestinal Wall) (Extraintestinal infinition		 Most useful agent to terminate an acute 	Oldest drug, from Cinchona	New drug from Sweet wormwood	↓	
<u>Luminal</u> Parasites. <u>(Extraintestinal integ</u> <u>Se</u> must be used with (<u>unipal</u>)	2	Available as oral, IV,	tree.	61	Resistance	
to ensure <u>endication</u> <u>d</u> inter		and IM preparation.	- Many actions		develops.	
- kills trophozoites not cystr.		-Resistance develops.	– Toxic – Still used, no			
2 Giardiasis		-Causes N, headache, and is	resistance to its			
-> Metronedazole (Tm of choice)		teratogenic.	action		1	
<u> </u>						
STrichomoniasis.				Ň	La L	
-> Metronedazol (Tm of choice single Dose of 2g is effective.	e)			,		