

Amebiasis Treatment

Metronidazole	Iodoquinol & Clioquinol
5-nitroimidazole deriv. Prodrug.	8-hydroxy quinolines (oxines)
MOA: The nitro gets reduced by ferrodoxin reductase and that forms hydroxylamino and ROS which damage the M.O.	MOA: the 8-OH gp forms coordinate bond and chelates metal to act on M.O.
	Used in combination with other amebicides.

Chemotherapy of helminthic infections

Niclosamide	Mebendazole	Albendazole
MOA: Inhibit worm glucose uptake or protein synthesis.	class: Benzimidazole	class: Benzimidazole
Uses: Taenicide	MOA: Irreversible blocking of glucose uptake.	MOA: Prodrug orally activated in liver into albendazole sulfoxide.
		Invivo: propylthio group is converted into sulfoxide gp.

For flatworms or nematodes.

Anti-scabies & anti-pedicular agents

Benzyl benzoate	Precipitated sulfur/Milk of sulfur
Scabicide.	MOA: Inside insect, it becomes pentathionic acid that decreases pH of parasite cells.
Anti-scabies.	
Scabies are mites under the skin. Pediculosis are lice.	



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