

Luminal Amebicides

I. Medications

- A. _____
- B. _____

II. Applications

- A. _____

III. Mechanism

- A. Effective in ___ only against _____ forms of _____

IV. Adverse Effects

- A. _____
- B. _____

Dehydroemetine

I. Applications

- A. _____

II. Mechanism

- A. Blocks _____ in _____
 1. Stops _____

III. Adverse Effects

- A. _____
- B. _____

Antimalarials

I. _____

A. Mechanism

1. Oxidizer

B. Adverse Effects

1. _____ in _____
2. _____
3. Do not use in pregnancy
4. Resistance develops in all malaria strains

II. _____

A. Mechanism

1. Prevents _____
2. Alters ___ → ___ of ___ & ___

B. Adverse Effects

1. Resistance
2. _____
3. _____

III. _____

A. Mechanism (_____)

1. Disrupts _____ actions

B. Mechanism (_____)

1. Inhibits _____

IV. _____

A. Applications

1. Multidrug resistant *P. falciparum*
2. Treatment & prophylaxis

B. Adverse Effects

1. Some resistance
2. Neuropsychiatric reactions
3. _____ with other treatments (quinine/quinidine)

V. _____

A. Applications

1. _____

B. Mechanism

1. Prevents _____
2. Alters ___ → ___ of ___ & ___

C. Adverse Effects

1. _____ (tinnitus/vertigo/N/V)
2. _____

VI. _____

A. Applications

1. Multidrug resistant malaria

B. Mechanism

1. Derived from _____ plant
2. Forms _____ after _____, damages _____

C. Adverse Effects

1. _____
2. Hypersensitivity reactions

VII. _____

A. Applications

1. _____
2. Paired with _____ or _____

B. Mechanism

1. Inhibits _____

C. Adverse Effects

1. Leucovorin "rescue" treatment
2. Hypersensitivity reactions

Trypanosomiasis Drugs

I. _____

A. Applications

1. _____ (hemolymphatic)
2. _____
3. _____

B. Adverse Effects

1. Renal toxicity
2. _____
3. _____ / _____

II. _____

A. Applications

1. 1st stage African trypanosomiasis

B. Adverse Effects

1. _____
2. Parasthesias/Photophobia/↑Sensitivity

III. _____

A. Applications

1. _____

B. Mechanism

1. _____

C. Adverse Effects

1. _____
2. Hemolytic anemia

IV. _____

A. Applications

1. 2nd stage African trypanosomiasis

B. Mechanism

1. _____

C. Adverse Effects

1. _____
2. _____

V. _____

A. Applications

1. _____
2. 2nd stage *T. gambiense* (CNS)

B. Mechanism

1. Toxic free radicals

C. Adverse Effects

1. Peripheral neuropathy

VI. _____

A. Applications

1. Chagas disease

B. Mechanism

1. Toxic free radicals

Leishmaniasis Drugs

I. _____

A. Adverse Effects

1. Hepatic dysfunction
2. Pancreatitis
3. _____

II. _____

A. Adverse Effects

1. _____

III. Amphotericin B (Antifungal)

IV. Pentamidine (Trypanosomiasis section)

Benzimidazoles

I. Medications

A. _____

1. Adverse Effects

- a) ↑ Liver enzymes

B. _____

1. Adverse Effects (Limiting)

- a) _____
- b) Hair loss
- c) _____
- d) Dizziness

C. _____

1. Adverse Effects

- a) _____
- b) Pancytopenia

II. Applications

A. Nematode (roundworm) infections

III. Mechanism

A. Inhibits _____

B. Inhibits _____

Other Nematode Treatments

I. _____

A. Mechanism

1. _____, worm _____

II. _____

A. Mechanism

1. Paralyzes worm via _____

B. Adverse Effects

1. _____
 - a) _____, _____, _____
 - b) Result of killing large amounts of microfilaria in onchocerciasis

III. _____

A. Applications

1. Filariasis (elephantiasis)

Praziquantel

I. Applications

A. Trematode infections

B. Cestode (tapeworm) infections