







Aquatic freshwater snails are the intermediate hosts for all schistosome species

Schistosoma mansoni

Schistosoma japonicum





































Clinical Disease:

Acute Phase

- 1."Katayama Fever"
- 2. Paralysis
- 3. CNS involvement

Chronic Phase

- 1. GI bleeding and diarrhea
- 2. Portal hypertension due to blockage of pre-
- sinusoidal capillaries
- 3. Esophageal varices
- 4. Ascites
- 5. Rupture of varices, bleeding, death
- 6. Cor pulmonale, right side heart failure, death
- 7. Toxic brain syndrome



























Clinical Disease:

- 1. Squamous cell epithelioma
- 2. Calcification of dome of bladder due to accumulation of dead eg









Prevention and Control:

1. Sanitary disposal of feces

Prevention and Control (cont'd)

2. Public health education.

3. Snail control.

4. Community-based drug programs (praziquantel).

5. Vaccine development for reservoir hosts (e.g., water buffalo).

