Introduction to Parasitology and Protozoan parasites Paper: 3 Unit:1 Lecture-2,3,4

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Entameoba histolytica Primary Large intestine **Intestinal Lesion** Continue to penetrate into Meta-cystic Trophozoite deeper layers Amoebic activity and Crypts of Liberkuhn Submucosa layer Proteolytic enzymes



T.S of Intestine of man showing the process of tissue necrosis. The flask shaped clear area indicates the process of tissue necrosis. The arrows indicates the movement of parasites in different directions























Both Luminal and Tissue amoebocides

These drugs act on parasites occurring both in the lumen of alimentary canal and in various organs



Relatively Non- toxic Nausea, Vomiting







Community Prophylaxis

Quick and proper disposal of human faeces should be managed. Underground sewage system should be developed.

Irrigation of land for growing vegetables with contaminated water should be avoided

Cysts may be killed by 50% alcoho, 1% formaldehyde, Phenol, Chlorine, Mercuric Chloride Caustic soda, HCl, Potassium Permanganate