

AMOEBIASIS

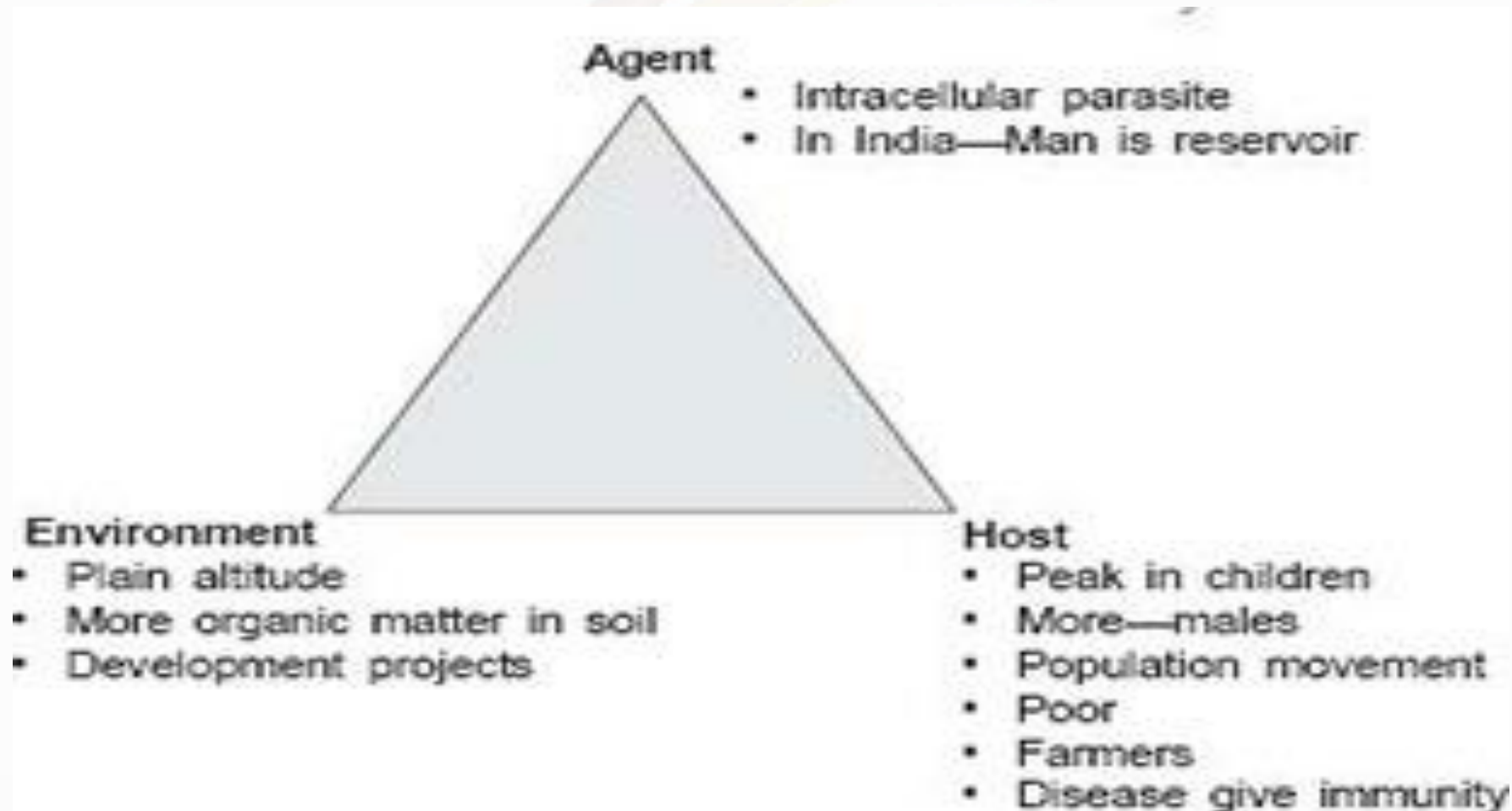
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DEFINITION

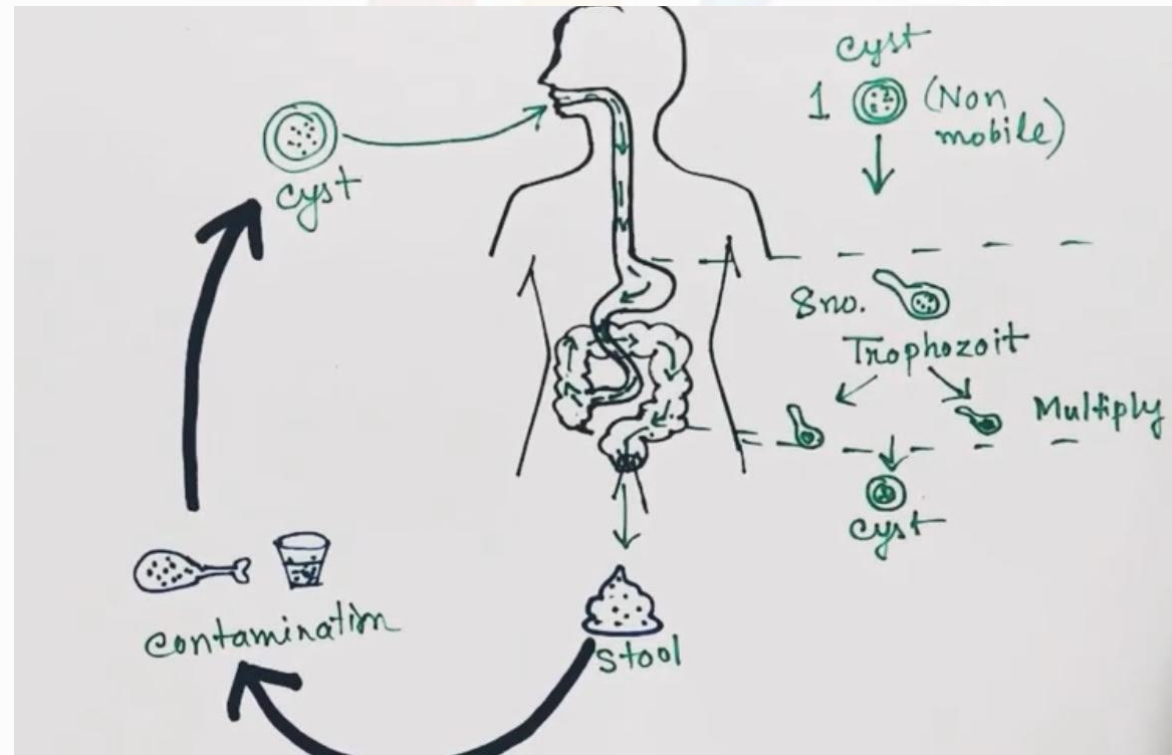
- Amoebiasis is a common infection of the human gastro-intestinal tract. Amoebiasis is more closely related to poor sanitation and socioeconomic status than to climate. It has worldwide distribution.
- Amoebiasis is a disease caused by the parasite *Entamoeba histolytica*.
- It is also known as amoebic dysentery.

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EPIDEMIOLOGICAL TRIAD

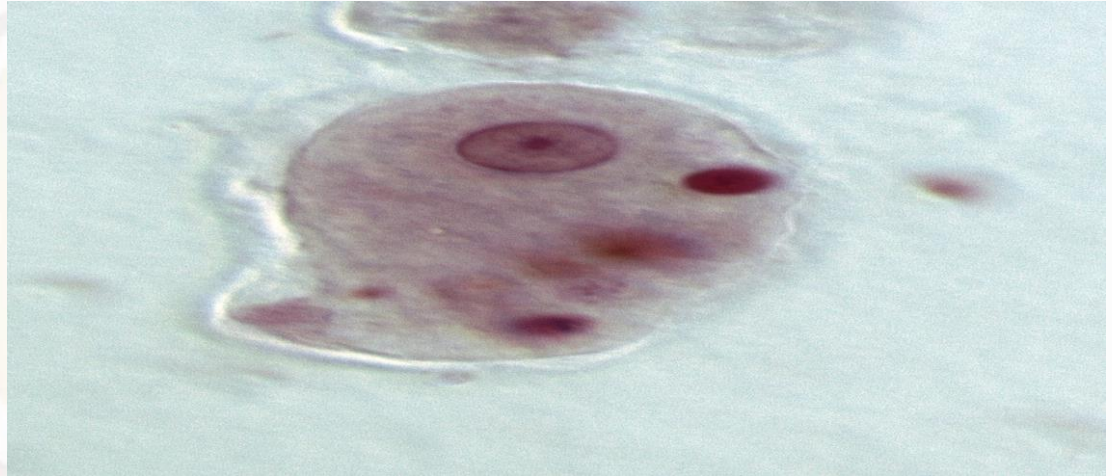


LIFE CYCLE OF AMOEBIASIS



TYPES

- Vegetative (trophozoite)
- Cystis (cysts)



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SYMPTOMS

- Diarrhea
- Dysentery
- Bloody stools
- Fever
- Fatigue
- Weight loss
- Cramps
- Abdominal pain



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TRANSMISSION

- Fecal–oral route, either directly by person-to-person contact or indirectly by eating or drinking facially contaminated food or water.
- Sexual transmission by oral-rectal contact is also recognized especially among male homosexuals.
- Vectors such as flies, cockroaches and rodents can also transmit the infection.
- **Incubation period**
 - The incubation period for *E histolytica* infection is commonly 2-4 weeks but may range from a few days to years.

DIAGNOSIS

- Entamoeba histolytica must be differentiated from other intestinal parasite.
- Microscopic identification of cysts and trophozoites in the stool is the common method for diagnosing E. histolytica.
- E. histolytica trophozoites can also be identified in biopsy.

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NURSING MANAGEMENT

- Observe the isolation and the enteric precaution.
 - Boil water for drinking or use purified water.
 - Always cover the food.
 - Wash the hands before eating.
- Proper collection of stool specimen
 - Instruct the patient to avoid mixing urine with stools
 - Label specimen properly
- Skin care
 - Cleanliness

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PREVENTION

- Improved water supply.
- Water filtration and boiling are more effective than chemical treatment of water against amoebiasis.
- Sanitation—the sanitary practice of washing hands safety
- Uncooked fruits and vegetables should be washed thoroughly with safe water, peel fruits, and boil vegetables prior to eating on and always before handling and consuming food.
- Wash your hands before eating the food.

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School of NURSING

Course Code : BSCN2004

Course Name: COMMUNITY HEALTH NURSING



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