

High Yield Hints - Human Diseases 1

Norwalk virus causes gastroenteritis in all age groups

ORS is Oral Rehydration Solution – 1.5 gm glucose, 3.5 gm NaCl, 2.9 gm KCl, 2.9 gm Trisodium citrate

Syphilis is caused by *Treponema pallidum* – It is transmitted to foetus through placenta

Gonorrhoea is caused by *Neisseria gonorrhoea*

Peptic ulcer is due to excess acid in the stomach

Trachoma is caused by a primitive prokaryote *Chlamidia trachomatis* – Its an obligatory intracellular parasite larger than virus.

Laveran discovered malarial parasite

Ronald Ross discovered plasmodium and its life cycle

Quotidian malaria – due to multiple infections of plasmodia

Quartan malaria – *Plasmodium malariae*

Benign tertian malaria – *Plasmodium ovale*

Tertian malaria – *P.vivax, P.falciparum, P.ovale*

Malignant or sub tertian or cerebral or tropical malaria – *P.falciparum*

Black water fever is caused by *P.falciparum* – blood in the urine

Clinical fever in malaria is due to erythrocytic circle

Anti malarial drugs are Quinine (from cinchona)

Chloro quinine daraprim etc.

Amoebiasis – *Entamoeba histolytica*

Back packers disease or giardiasis - *Giardia intestinalis*

Pyorrhoea or Peridontitis - *Entamoeba gingivalis*

Kala azhar or Leshmaniasis - *Leshmania donovani* - spread by sand fly Phlebotamus

Trypanosomiasis – *Trypanosoma*

West African sleeping sickness – *Trypanosoma gambiense* - spread by Tse tse fly *Glossina palpalis*

East African sleeping sickness or Rhodesian fever - *Trypanosoma rhodesiense* - spread by *Glossina morsitans*

Chagas disease (South American sleeping sickness) - *Trypanosoma cruzi* - spread by *Panstrongilus*

Scratch Test is used for detecting *Ascariasis*

Filariasis - *Wuchereria bancrofti*.

Cysticercus is the larvae of *Taenia*

Hexacanth embryo is the infecting stage of *Taenia*

Seat worm - *Enterobius vermicularis*

Hook worm - *Ancylostoma duodenale*

Trychina worm - *Trychinella spiralis*

Blood fluke - *Schistosoma haematobium*.