

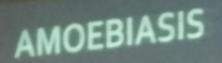
- 1. To Know the different Diseases common in tropical areas
- Pathogenesis of common diseases



## List of Diseases

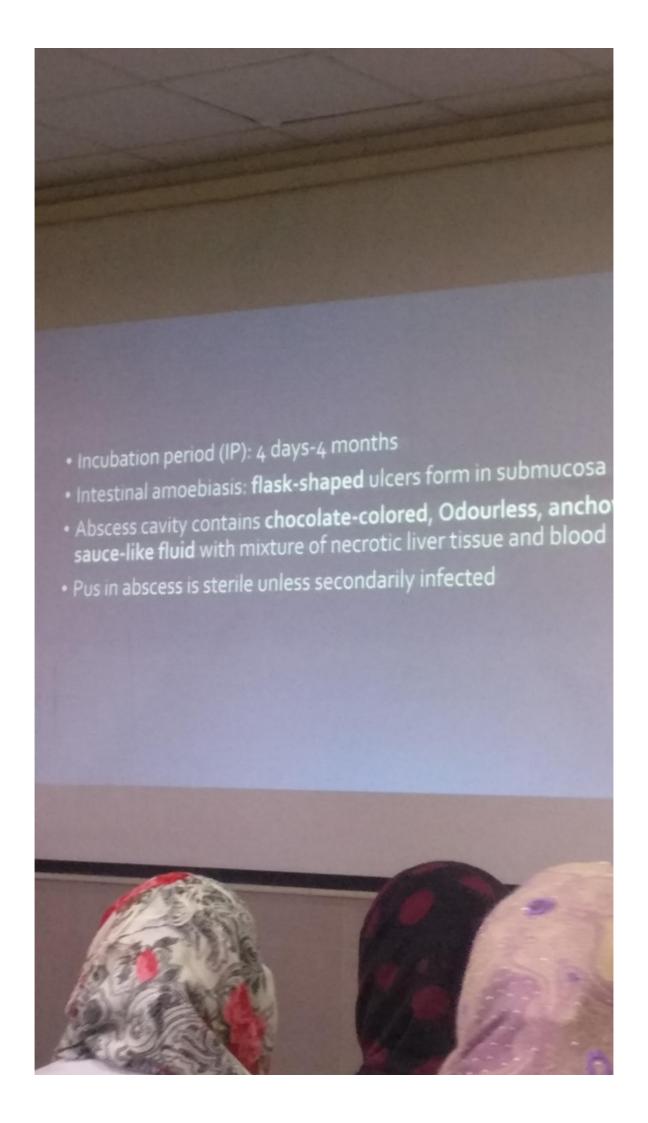
- A PORCE
- The state of the s
- · Filaniasis
- Asiatic Cholangiohepatitis
- Schistosomiasis





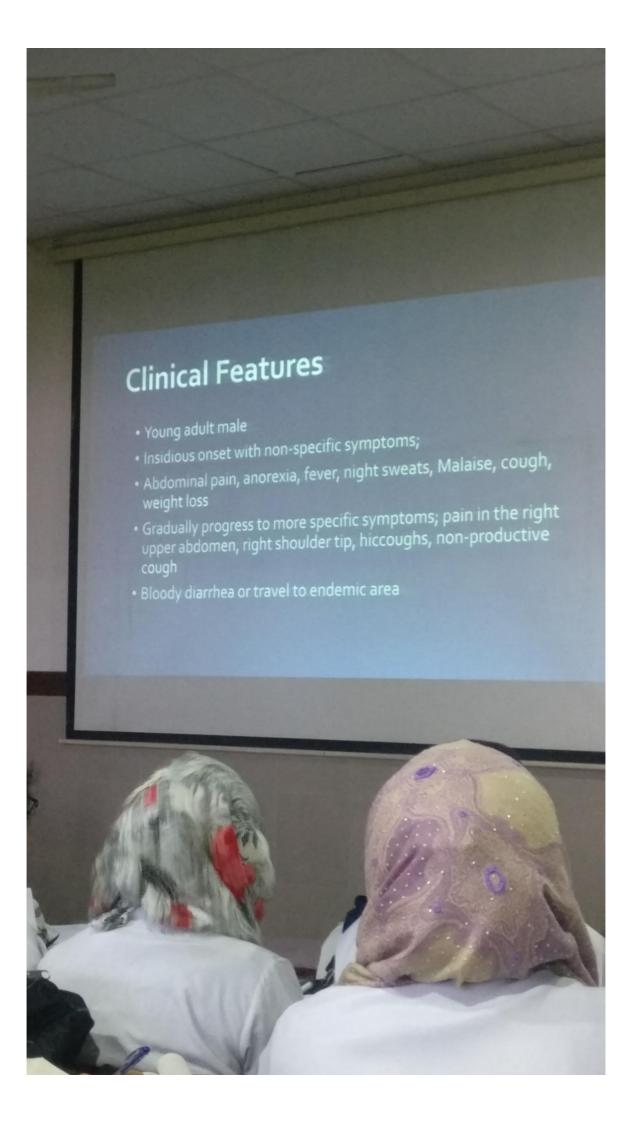
- Entamoeba histolytica
- Indian subcontinent, Africa, parts of central & south Americ
- Mode of infection: faeco-oral route
- Hygiene, sanitation, immunocompromised, alcoholic

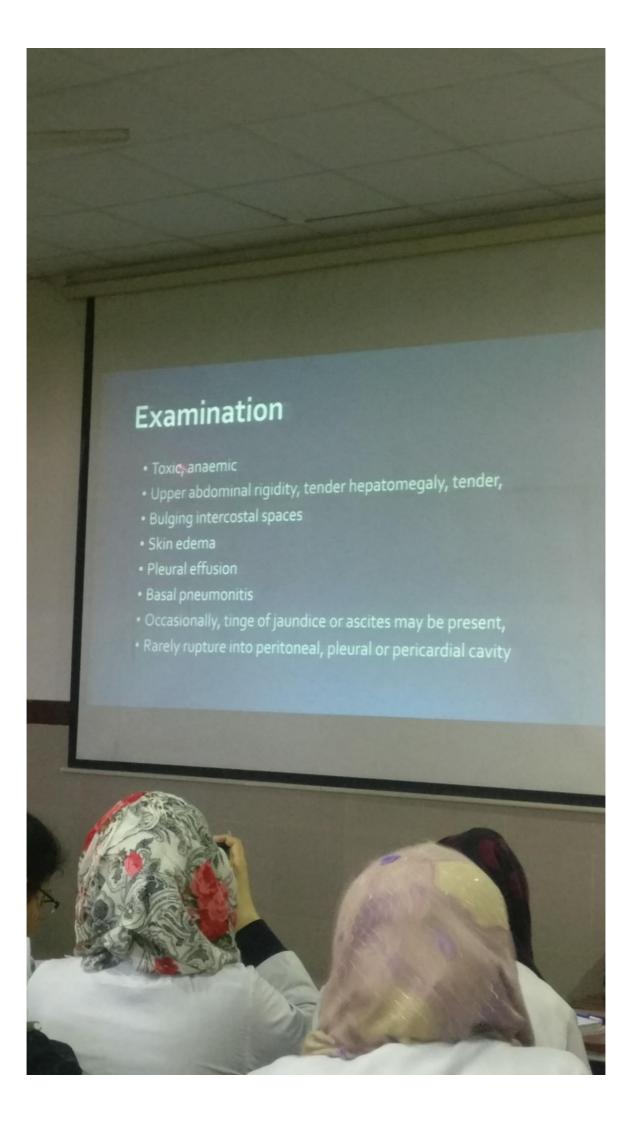


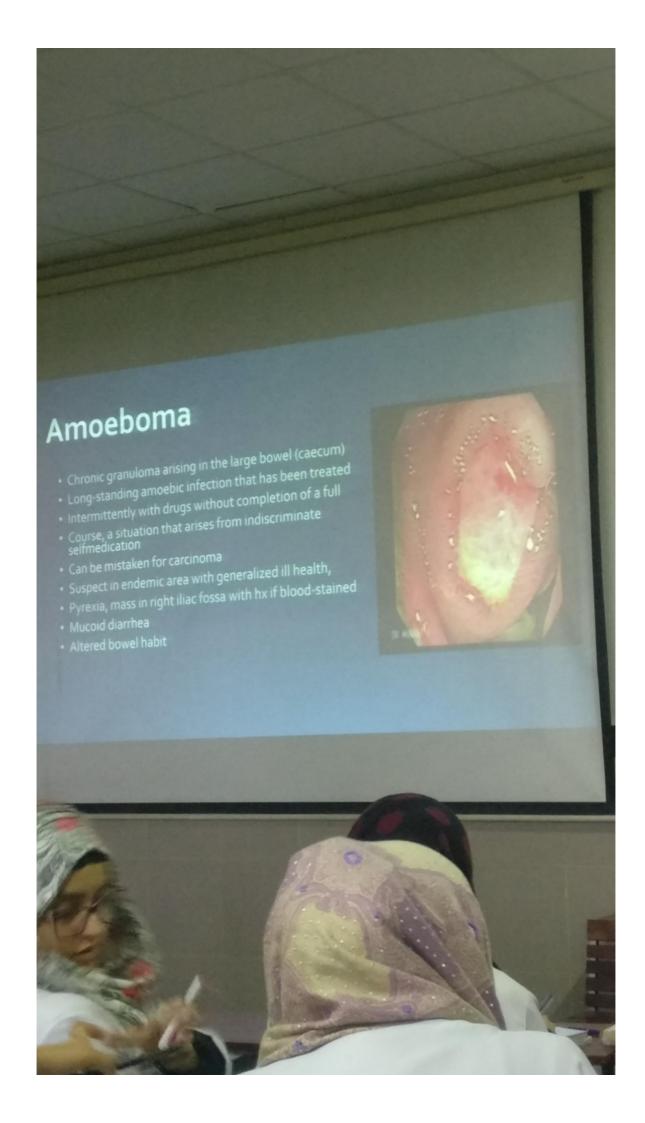


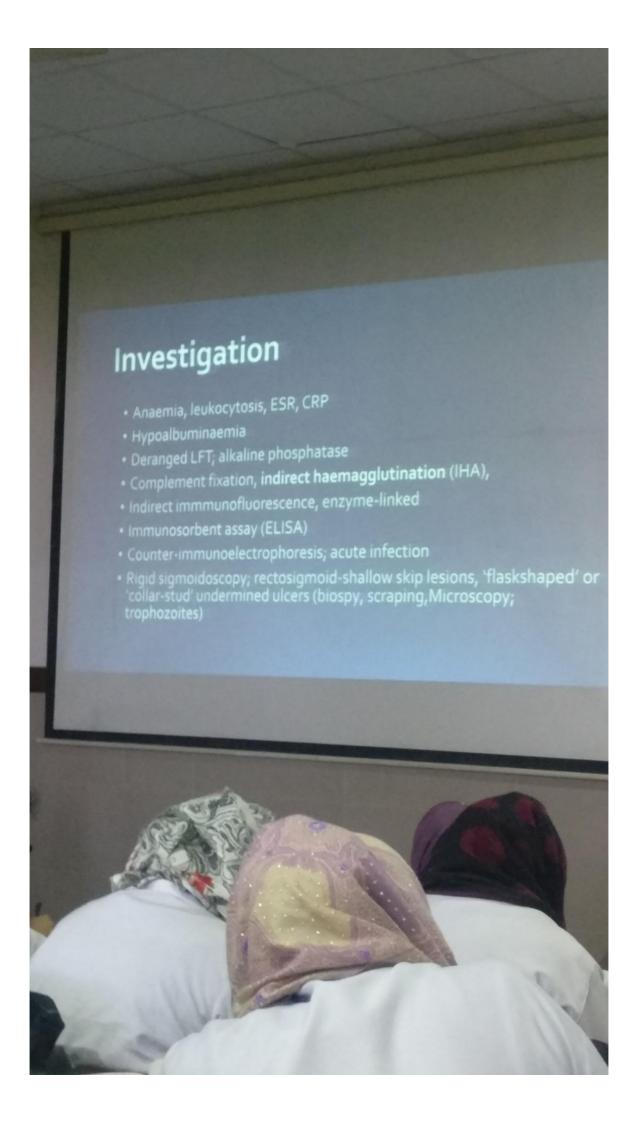




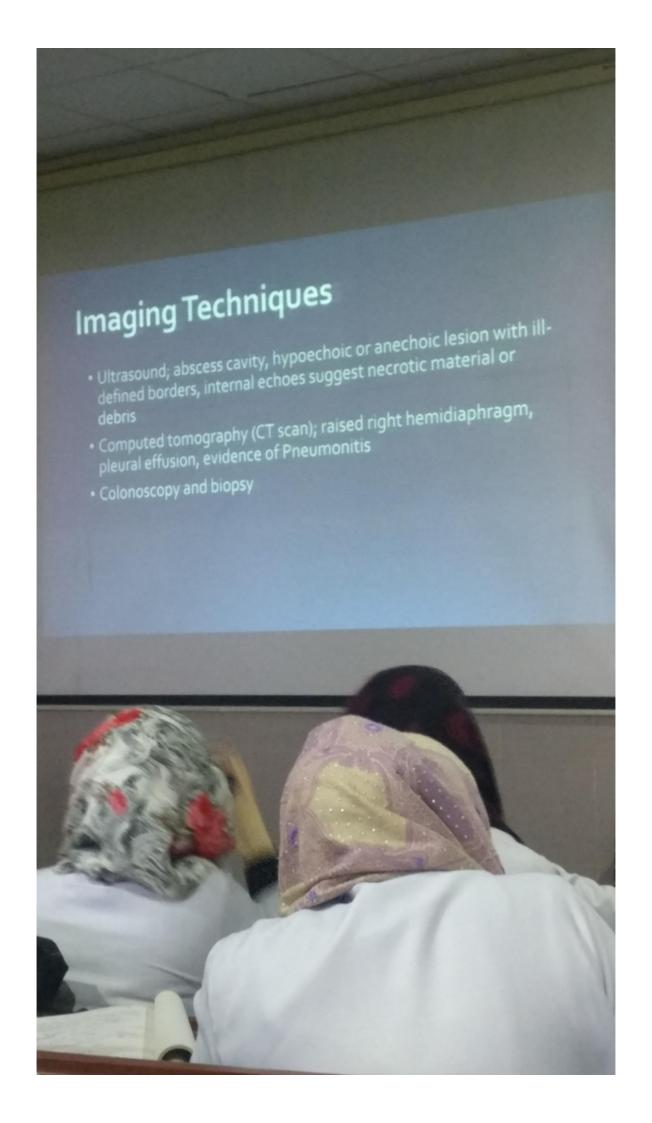


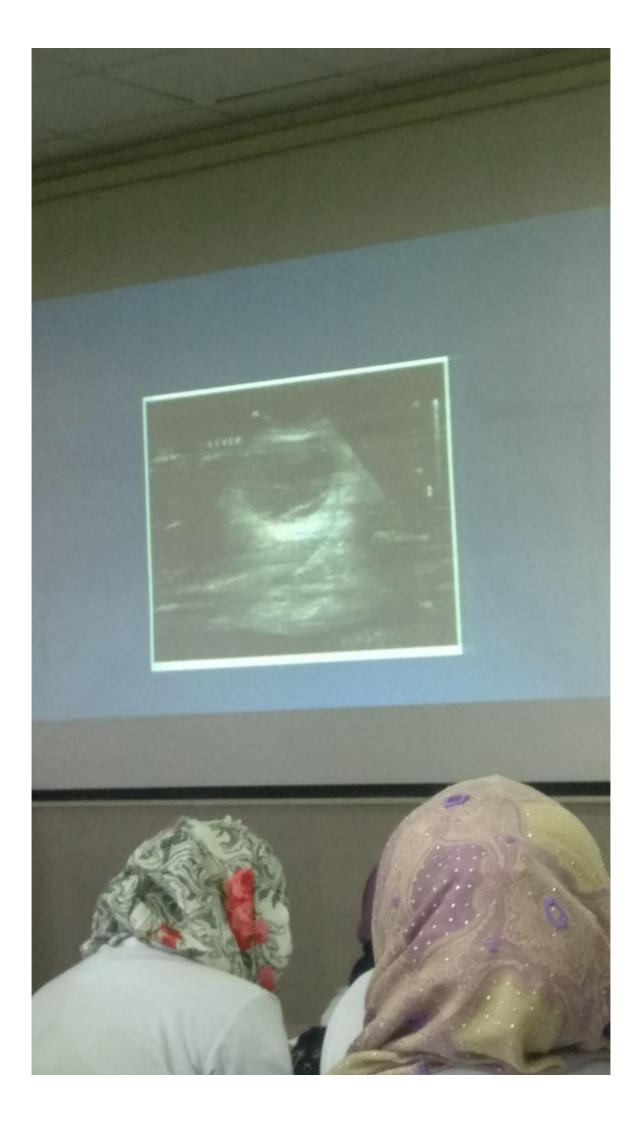


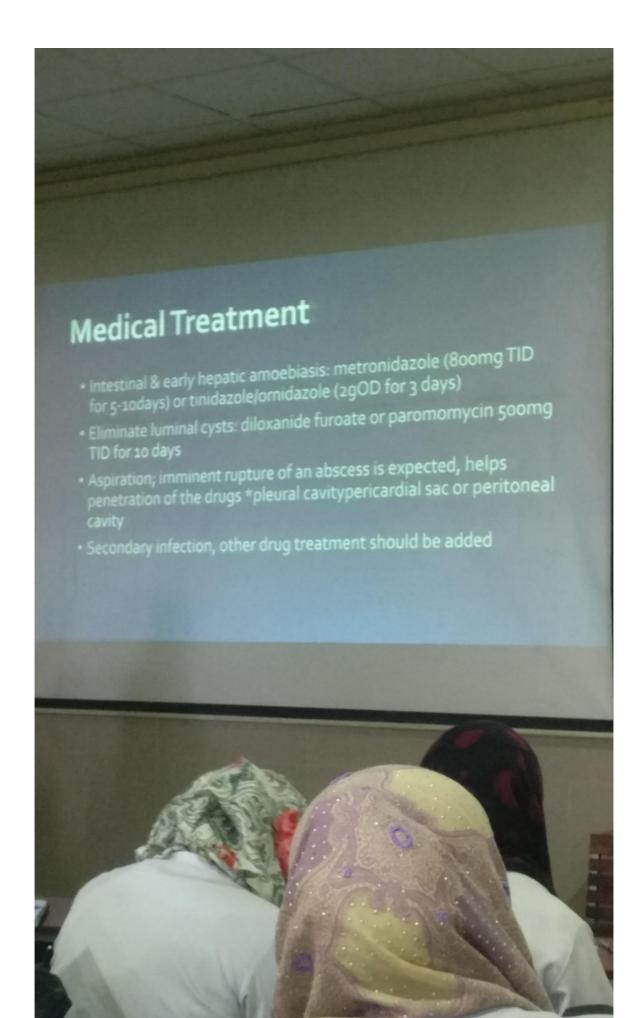


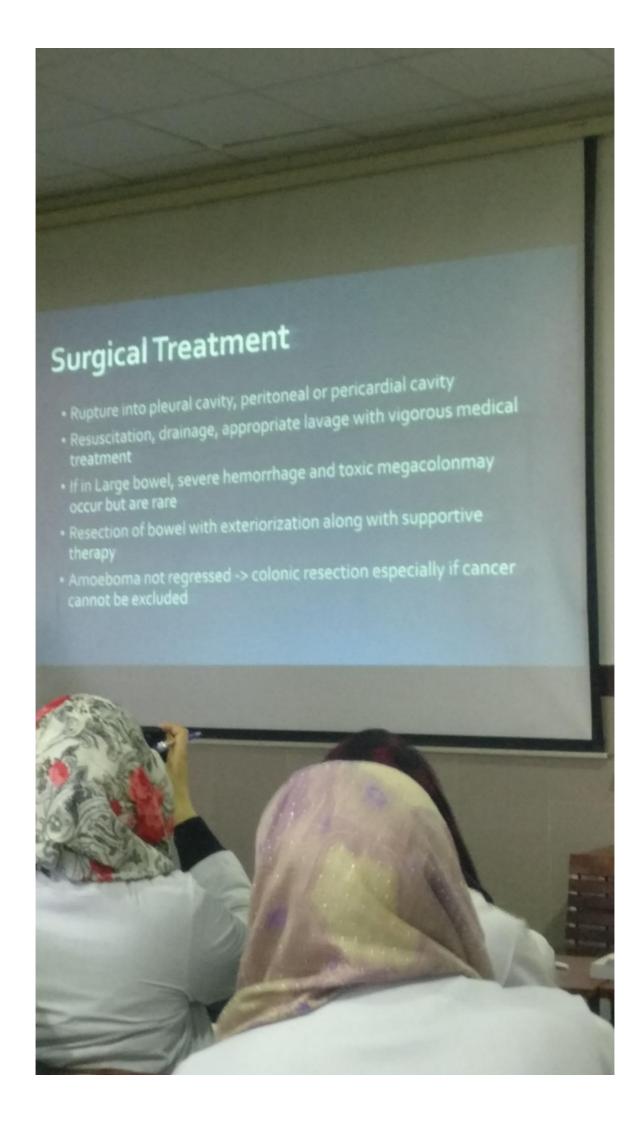


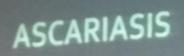






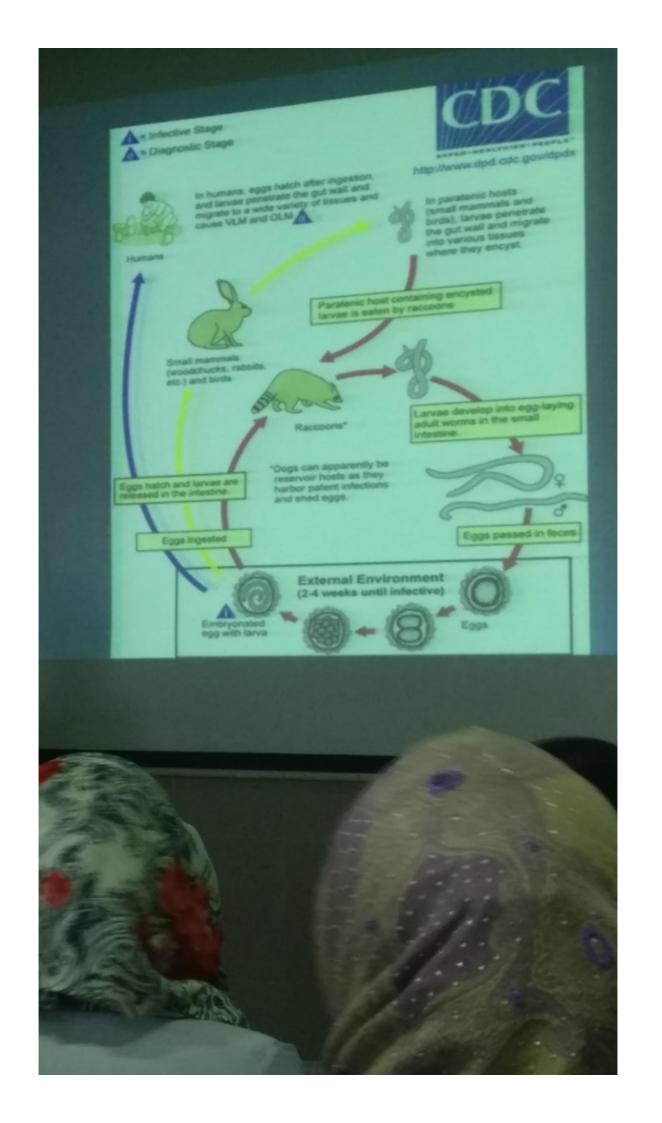






- Ascaris lumbricoides, roundworm, common intestinal nematode to infest humans
- Quarter of the world's population
- Larva-> pulmonary symptoms
- Adult worm-> intestinal symptoms

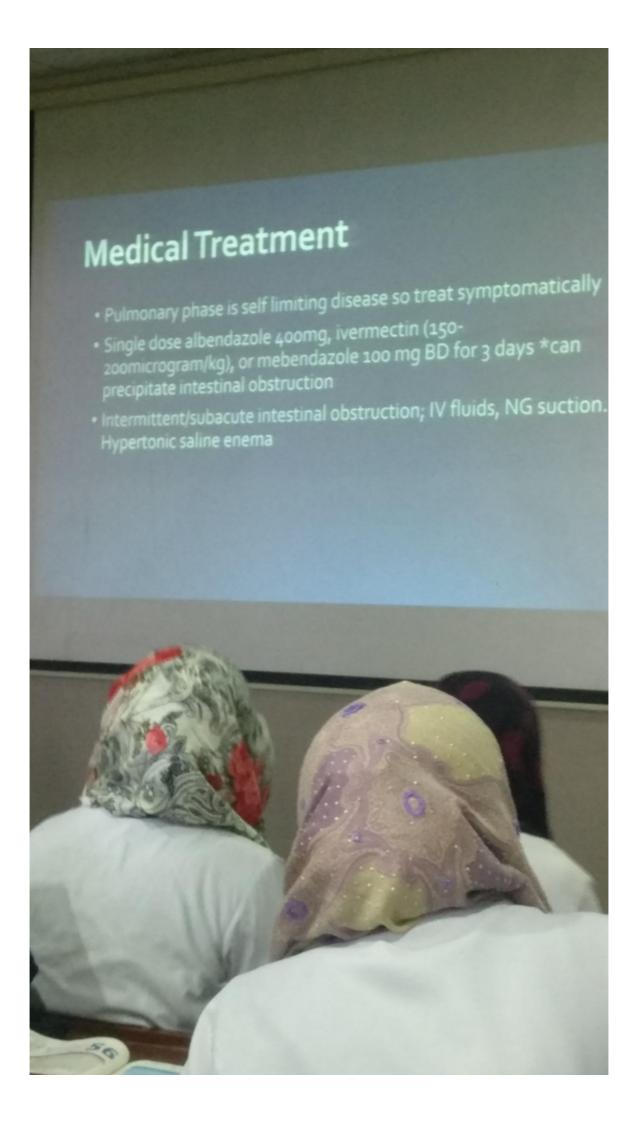


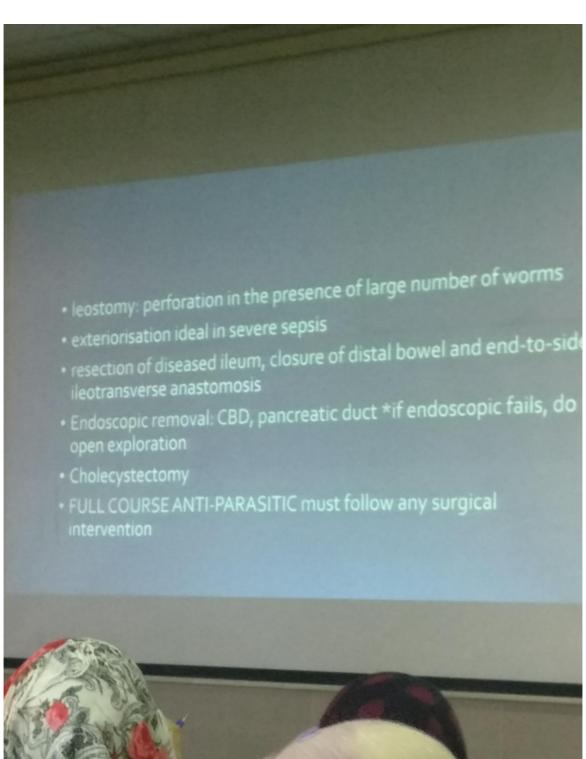




- Larval stage: pulmonary symptoms- dry cough, chest pain, dyspnoea, fever (Loeffler's syndrome)
- Adult worm: malnutrition, failure to thrive, abdominal pain.
- Worms can migrate into CBD causing ascending cholangitis & obstructive jaundice. Acute pancreatitis when worm inpancreat duct
- Small intestine obstruction: bolus of adult worms incarcerated the terminal ileum -SURGICAL EMERGENCY, rarely perforation worms

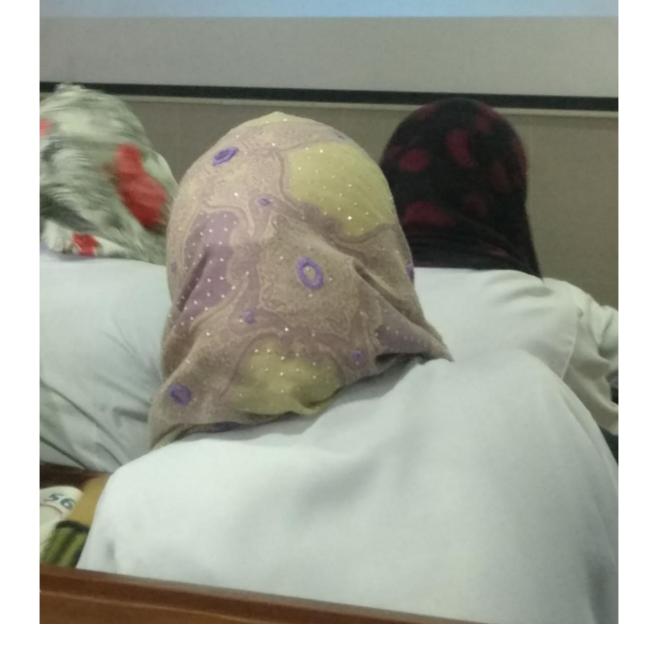








- leostomy: perforation in the presence of large number of worms
- resection of diseased ileum, closure of distal bowel and end-to-side
- Endoscopic removal: CBD, pancreatic duct \*if endoscopic fails, do



## **FILARIASIS**

- Wuchereria bancrofti carried by mosquito
- Affects > 90 million people worldwide: 2/3rd in China, India &
- WHO: 2nd most common cause, after leprosy, of long-term



## Pathogenesis

- Once bitten by the mosquito, the matured eggs enter the human circulation to hatch and grow into adult worms
- The process of maturation takes about one year.
- The adult worms mainly colonise the lymphatic system.



## Clinical Features

- Lymphangitis...recurrent-> fibrosis of lymphatic channels
- Massive lower limb edema
- Skin thickening (obstruction of cutaneous lymphatics)
- Secondary streptococcal infection
- B/L lower limb filariasis often associated with scrotal & penile elephantiasis



