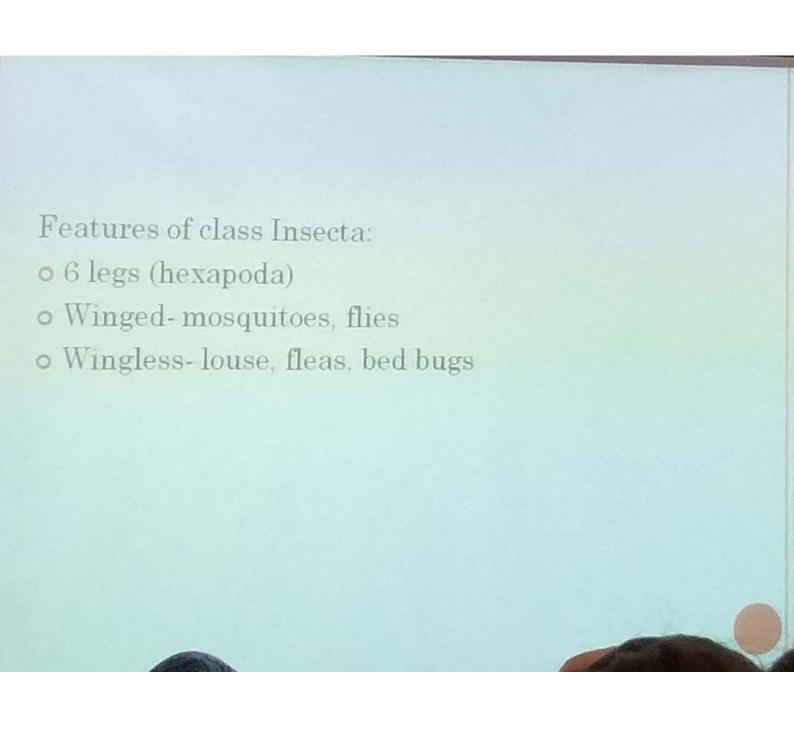


DISTINCTIVE CHARACTERS Distinctive characters of arthropods of medical importance Arachnida Coma 1. Body Cephalothorax Head. Cephalothorax divisions thorax and abdomen and abdomen abdomen (no division) in some cases 5 pairs Legs 3 pairs 4 pairs Antennae 1 pair None 2 pairs None Wings " None ' One or two pairs; some are wingless 5. Where found On land On land In water

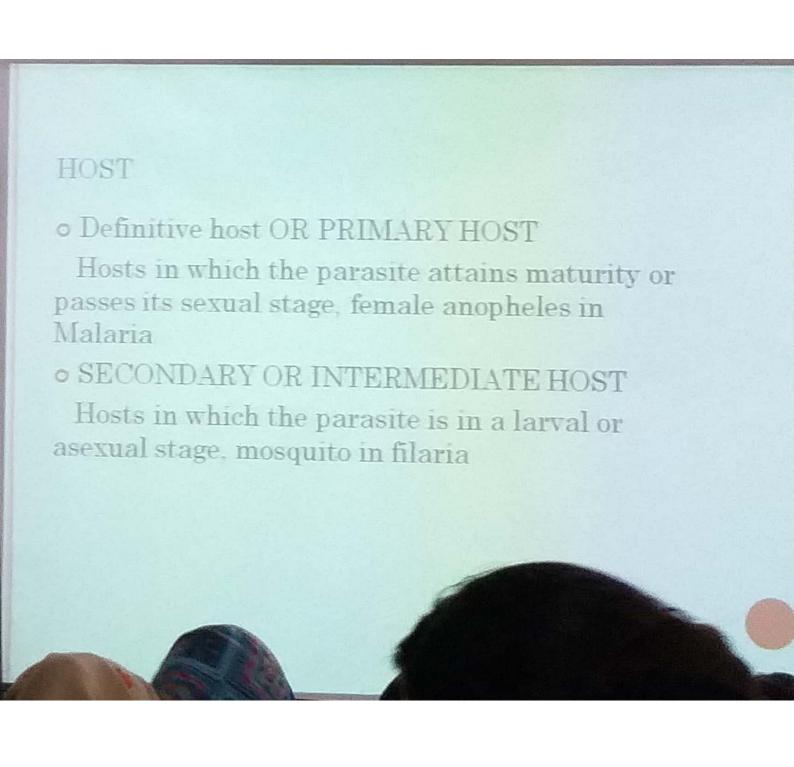


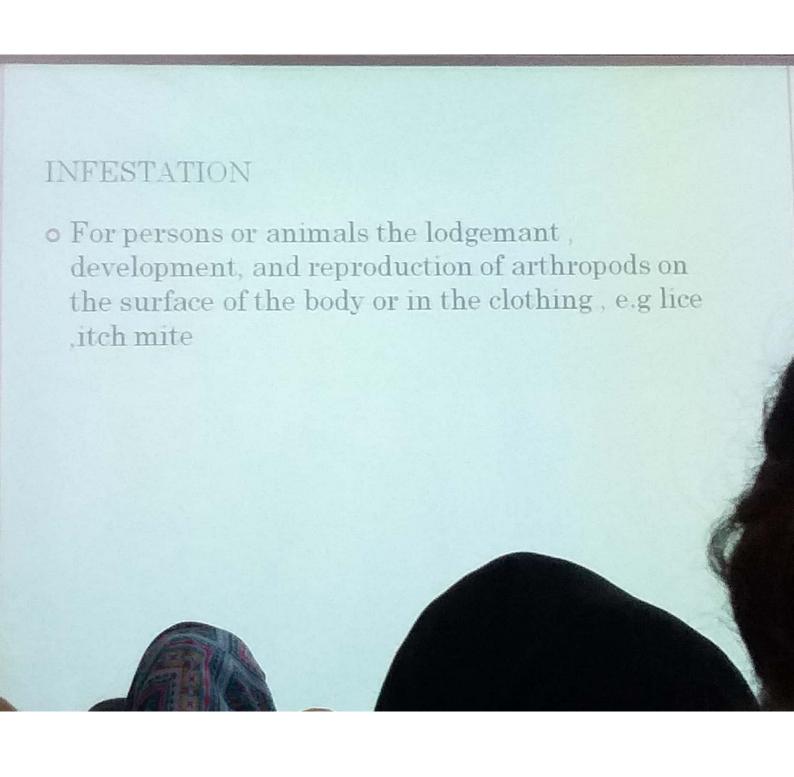
Anthropod a Diseases (applicable)	
2. Housefly	Typhuid and paratyphoid fever, diarrhoea, dysentery, cholera, gastro- enteritis, amoeblasis, helminthic infestations, pollomyelitis, conjunctivitis, trachonsa, anthraz, yaws, etc.
3. Sandfly	Kala-azar, oriental sore, sandily fever, oraya fever.
4. Teetse fly	Sleeping sickness
5. Louise	Epidemic typhus, relepsing fever, trench fever, pediculosis
6. Rat fice	Bubonic plague, endemic typhus, chiggerosis, hymenolepis diminuta
7. Blackfly	Onchocerclasis.
8. Reduvild bug	Chagas disease.
9. Hard fick	Tick typhus, vital encephalitis, vital fevers, vital haemorrhagic fever, je.g., Kyasanur forest disease), tularemia, tick paralysis, human babesiosis.
10. Soft tick	Q fever, relapsing fever.
11 Trombiculid mits	Scrub typhus, Rickettsiai-pox.
12. Nch-mile	Scables
13. Cyclops	Guinea-worm disease, fish tapewood (D. latus).
The state of the s	Enteric pa

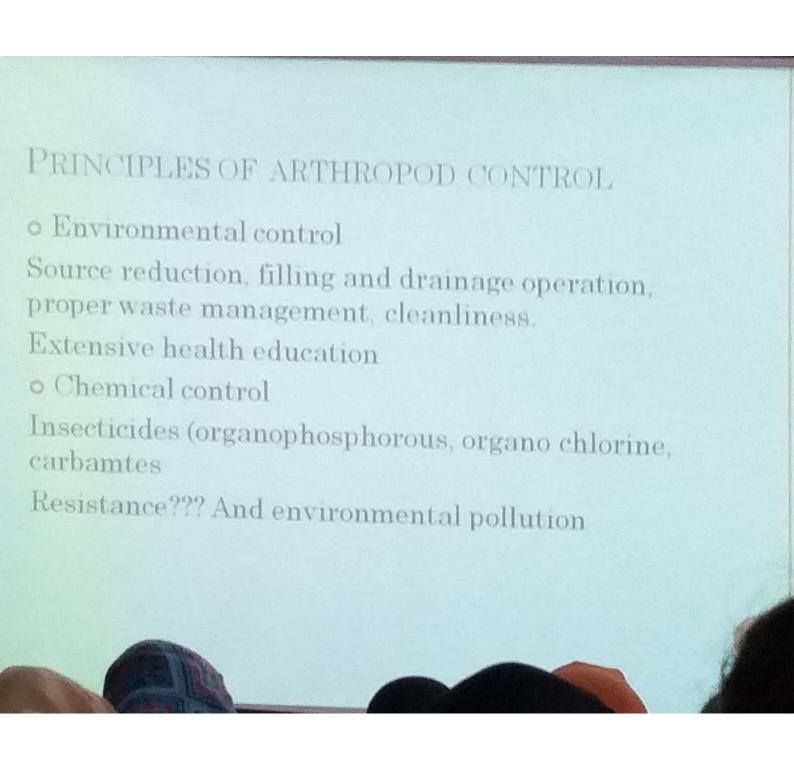
Transmission of arthropod —borne diseases

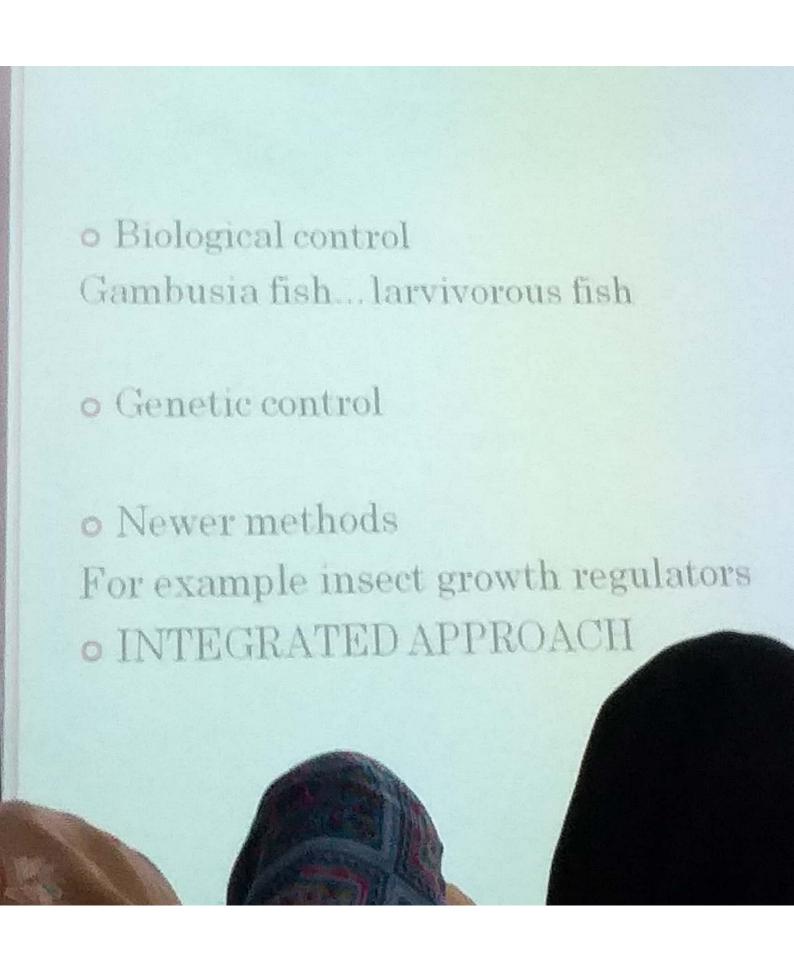
- o Direct
- o Mechanical
- Biological
 - a. Propagative (plaque bacilli in rat flea)
- b. cyclo propagative(malarial parasite in anopheleline mosquito)
- c. cyclo developmental (filarial parasite in culex mosquito)











MOSQUITO

Four important groups

- o Anopheles
- o Culex (nuisance mosquitoes)
- o Aedes (tiger mosquitoes, fearless biters)
- o Mansonia
- o Head

 proboscis

 antenna or feelers
- o Thorax Legs and wings
- o Abdomen
- o Buzzing voice



MOSQUITO CONTROL MEASURES

Anti larval measures

- a) Environmental control
- b) Chemical control

mineral oils.

paris green,

synthetic insectisides e.g abate, malathion

a) Biological control

Anti adult measures

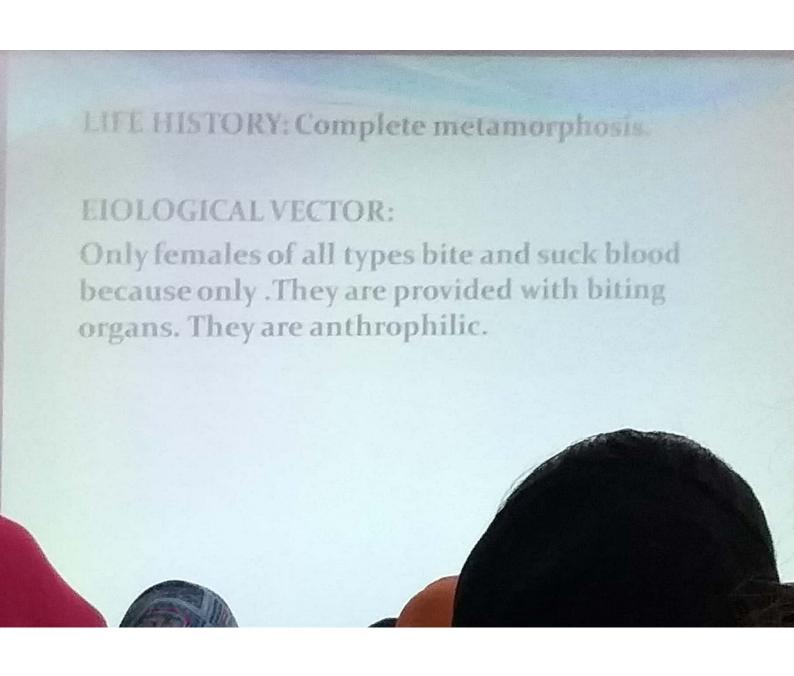
- a) Residual sprays (DDT, MALATHION, LINDANE)
- b) Space sprays
- c) Genetic control

Protection against mosquito bites

- o Mosquito net
- o screening
- o Repellents

GENERAL CHARACTERISTICS OF ABULT MOBBUTTOES

- HABITAT: It is the place where they are found and breed.
- FEMALE ANOPHELES: Breeds on fresh water collection.
- FEMALE CULEX: Breeds on dirty water collection.
- FEMALE AEDES: breeds on artificial collection, very small amount of water as utensils, bottles, leaves, flowers.



HOUSEFLY

- o An arthropod breeding and surviving on filth, refuse, garbage, human and animal excreta.
- o MECHANICAL VECTOR.
- o SPECIES:
- 1. MUSCA DOMESTICA.
 - 2. MUSCA NEBULA.

· HABITS:

0

fresh horse manure, manure of other animals garbage, decaying fruits and vegetables, rubbish dumps containing organic mater and ground where liquid wastes are spilled.

O FEEDING HABITS. Sense of smell, it can not eat solid food, it vomits, makes a solution. sucks. Lickes sputum, faeces, discharges from wounds and open sores, RESTLESSNESS Between filth and food O VOMIT DROP Frequently makes a culture of disease agent. O DEFICATION: Constantly all the day. RESTING HABITS: On vertical surfaces/hanging objects O MOTASIS It is defined as infestation of chronic bed sores in bed ridden patient or in external naries. Also in neglected female child lying naked, vaginal orifice is infested. It is in poor living conditions.



