Name:**Huda apdi Handule**

1. Introduction to arthropod borne infection

-Disease caused By pathogens (vires ,Bacteria or parasites ) that are transmitted to human through as Bier of the infected arthropod

*ENG:* tick ,lice

1. Types of arthropod bone infection
2. Viral infection
3. Bacteria infection
4. Parasitic infection
5. Sing and symptoms arthropod Borne infection

* Common general symptoms : for ever (often sudden an high )
* .Headache
* Chills and sweating muscle and joint pain (common in dengue, chikingunya ) fatigue or malaise

1. Common arthropod
2. Borne infection ( it at may Couse skin atrophy or lesions)
3. Antrophoderma of Basini and pierini
4. Prevention and control measure arthropod Borne infection

* Controlling arthropod Borne infection

1. Vector control
2. Personal protection
3. Vaccination
4. Pupil heath measure
5. Early diagnosis the treatment
6. Diagnosis arthropod infection

* Clinical history and examination
* Laboratory test a- blood test b- serolgy

1. Polymerase chain reaction(PCR)
2. Replica Dignostic test (RDTS)
3. Microsoft
4. Culture

3. imaging and on

7. Treatment arthropod infection

Viral arthropod Borne diseases (arbovirvses)

EG: Dengve,zike chikongunya yellow fever west nile virus

TREAMENT:-.

Most supportive care : fluids rest pain fever relief

( EG: acetaminophen )

Avoid nsaids (like ibuprofen) in dengue until platete counts are confirmed to avoid bleeding rise

Vaccines Exist for some (EG: yellow fever ,dengue in certain population

2. Bacterial arthropod Borne Disease

EG: Lyme disease (ticks) rocky mountain spotted fever (tick) plague(fle as)

Treatment

Antibiotic

* Doxycycline is first line for many (Lyme, rsmt )
* Streptomycin orgtamin for plague

3. parasitic arthropod borne disease treatment

- antiparastic medication malaria atemisinin based combination therapies (Acts)

-leishmaniasis amphotericin B miltefosin