

# Brucellosis

- Zoonotic Disease
- caused by Bacteria – *Brucella*

# Disease Transmission

- Transmissible from animals to human by ingestion of infected food products( raw milk,milk products,meat ) or direct contact with infected animal (sheep, cattle,goat,pigs or other animals )( through cut and skin abrasion from handling of infected animals carcasses,placenta,urine etc) on inhalation of aerosols ( wool or dried materials )

# Sign & Symptoms

- Influenza like syndrome
- Headache
- Limb,back pain
- Anorexia
- Weakness

# Diagnosis

- Clinical features
- Serology
- Blood Culture
- Tissue Culture
- PCR

## Annexure 2:

### Treatment regimen:


- 1) Inj. Gentamicin 5mg/kg IV for 7 days.
- 2) Tab/Cap. Doxycycline 100 mg BD for 6 weeks.

### Laboratory tests :

- Before starting treatment-
  - Complete Haemogram, FBS, LFT, Urea, Creatinine.
- After 6 weeks of treatment-
  - Complete Haemogram, LFT.
  
- Any relevant tests, if needed as per symptoms/ signs to be done in between and appropriate management should be given.

### Follow up :

Patients are to be referred to STM, Kolkata after completion of 6 weeks treatment.

  
20/12/21

# Prevention

- Reduce exposure
- Consume only properly cooked items
- Hand Hygiene
- vaccination
- Proper Surveillance system,  
Laboratory Support