

# **ALPHA UNIVERSITY BORAMA**

**FACULTY OF HEALTH SCIENCES**

**DEPARTMENT OF PUBLIC HEALTH AND PHARMACY**

**COURSE; COMMUNICABLE DISEASES**

**ASSIGNMENT**

**NAME; Huda Mohamed**

**Muhumed**

**FACULTY;**

**Public health**

**DEPARTMENT;**

**Health sciences and**

**pharmacy**

**ID;407**

**Arthropod borne infections**

**Introduction**

Arthropod borne infection are un common but important medical concern, particularly in tropical and sub-tropical regions, these infections typically occur when arthropods such as ticks, mites or certain parasitic insects introduce pathogens in to the body which can eventually localize in the bone tissue. Causing osteomyelitis (bone infection)

### **Types of arthropod- borne infections**

Viral e.g (dengue,zika)

Bacterial e.g (lyme disease)

Parasitic e.g (malaria)

### **Signs and symptoms of arthropod borne infections**

General and specific symtoms e.g ( fever, rash,join pain etc)

### **Common arthropod borne infections**

Discuss prevalent examples with causative agents and vectors.

### **Prevention and control measures**

Personal protection, vector control public health strategies

### **Diagnosis of arthropod borne infections**

Laboratory tests, imaging, clinical assessment

### **Treatment of arthropod borne infections**

Medications (antivirals, antibiotics, antiparasitic)