# ALPHA UNIVERSITY BORAMA

FACULTY OF HEALTH SCIENCE

DEPARTMENT OF PHARMACY

COURSE: COMMUNICABLE DISEASE

ASSIGNMENT

NAME: Fardowsa Nour Osman

FACULTY: Health Science

DEPARTMENT: Pharmacy

ID: 600

TITLE: Arthropod Borne Infection

## 1. Introduction to Arthropod Borne Infection

Arthropod borne infections are diseases spread by insects like mosquitoes, ticks, and fleas. These insects carry germs that can infect people when they bite them.

## 2. Types of Arthropod Borne Infection

• Malaria  
• Dengue fever  
• Yellow fever  
• Lyme disease  
• Plague

## 3. Signs and Symptoms of Arthropod Borne Infections

• Fever  
• Headache  
• Muscle pain  
• Rash  
• Vomiting  
• Swollen lymph nodes

## 4. Common Arthropod Borne Infections

• Malaria (spread by mosquitoes)  
• Dengue fever (spread by Aedes mosquitoes)  
• Lyme disease (spread by ticks)  
• Plague (spread by fleas)

## 5. Prevention and Control Measures

• Use insect repellents  
• Sleep under mosquito nets  
• Wear long-sleeved clothes  
• Remove standing water  
• Keep surroundings clean

## 6. Diagnosis of Arthropod Borne Infections

• Blood tests  
• Physical examination  
• Laboratory tests to find the germs

## 7. Treatment of Arthropod Borne Infections

• Use of medicines like antimalarials or antibiotics  
• Rest and fluids  
• Hospital care in serious cases

Submission Date: 08-05-2025