

Jockey Club S.A.T.H. Project for Healthy Families

Vector-borne Diseases

Vectors and Vector-borne Diseases

- Vectors are small living organisms such as mosquitos, mites and ticks that can transmit pathogens between humans or from animals to humans.
- These vectors ingest pathogens during their blood meal from an infected host, and later transmit them to a new host.
- In Hong Kong, common vector-borne diseases in humans include Dengue fever, Japanese encephalitis, Malaria, Scrub typhus, and Spotted fever.

Mosquito-borne Diseases



Aedes albopictus

DENGUE FEVER

Day-time biters



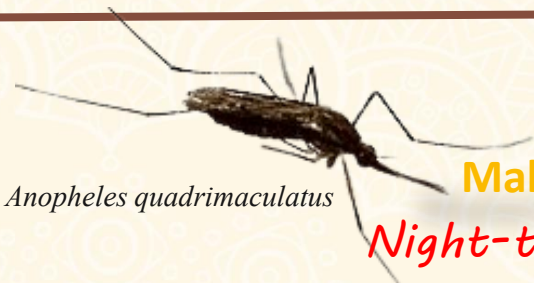
Aedes aegypti



JAPANESE ENCEPHALITIS

Culex tritaeniorhynchus

Dusk & night biter



Anopheles quadrimaculatus

Malaria

Night-time biters



Anopheles stephensi

Mite or Tick-borne Diseases



Leptotrombidium larval mite

SCRUB TYPHUS

Congregate at areas where clothing is tight against the skin

SPOTTED FEVER

They pierce their mouthpart deep into the skins of humans or animals while transmitting the disease



Ixodes scapularis