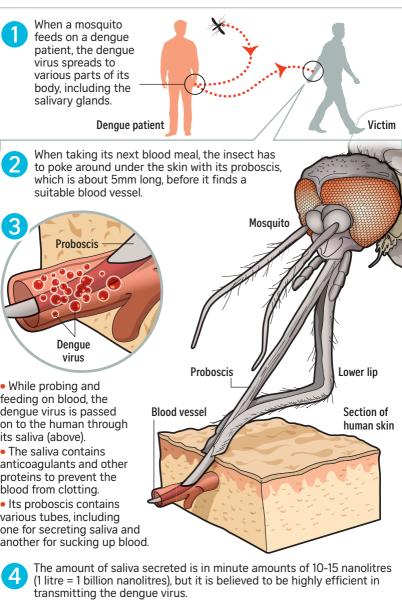
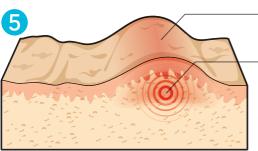
When a mozzie bites

Scientists from the National University of Singapore and Duke-NUS Medical School want to understand more about virus transmission in mosquitoes. Among other areas, it will look at proteins in the mosquito's spit, which are believed to transmit viruses more efficiently. CAROLYN KHEW takes a look at how the virus is spread to humans through a mosquito's salivary gland.





Wheal: a red swollen area

The anticoagulants and other proteins trigger our body to release histamine, causing our skin to itch after a mosquito bite.

NOTE: Drawing is not to scale.

TEXT: PROFESSOR OOI ENG EONG, PROFESSOR MANJUNATHA KINI STRAITS TIMES GRAPHICS