



มหาวิทยาลัยมหิดล
Mahidol University
Wisdom of the Land

Vaccination for students and travelers going abroad

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Vaccination for travelers

- **Need consideration about**
 - Travelers: health, age, underlying dz., vaccine
 - Risk of destination (itinerary, activity, season, rural/urban, outbreak, epidemics, endemic dz.)
 - Vaccine: benefit, risk of AE and multiple vaccines given
 - Duration before departure
 - Need other safety measures



Vaccination for travelers

- Routine vaccination
 - Need to be updated
- Recommended vaccination
 - Selective use for travelers
- Required vaccination
 - Need certificate: Yellow fever vaccine, Meningococcal vaccine for Hajj/Umrah pilgrims

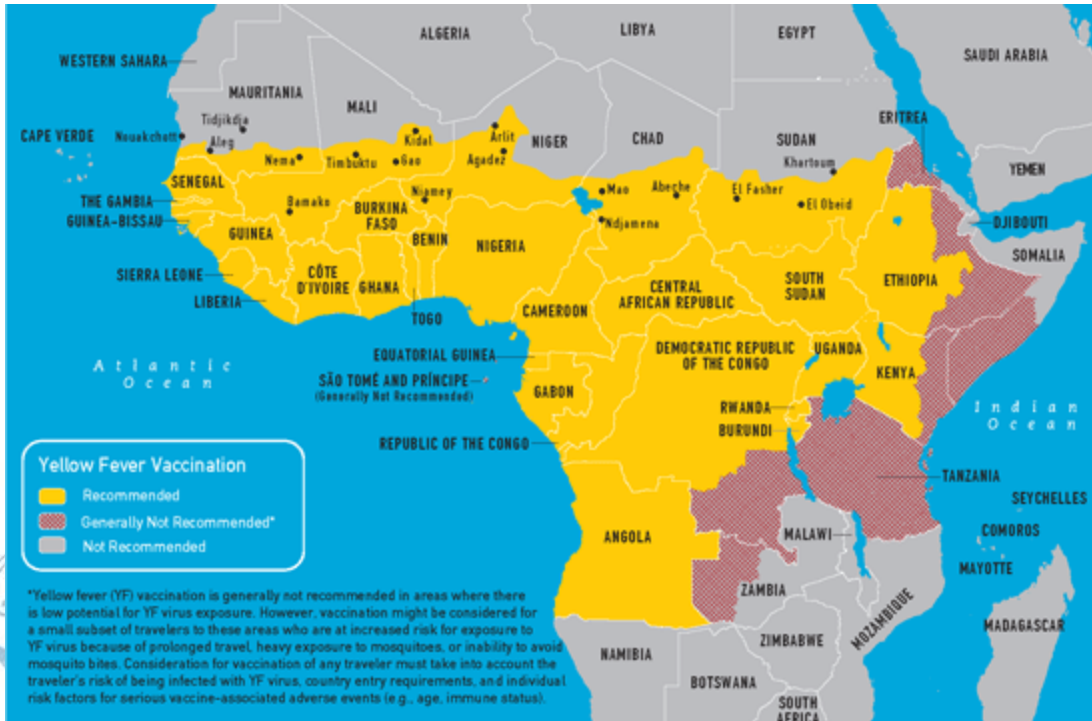


Yellow Fever (YF)

- YF virus, Flavivirus
- **Vector:** primarily *Aedes* or *Haemagogus* spp.
- Main reservoirs of the virus: Nonhuman and human primates
- Transmission cycles: sylvatic (jungle), and urban.



Epidemiology



Subsaharan Africa

CDC's 2014 Yellow book



South America