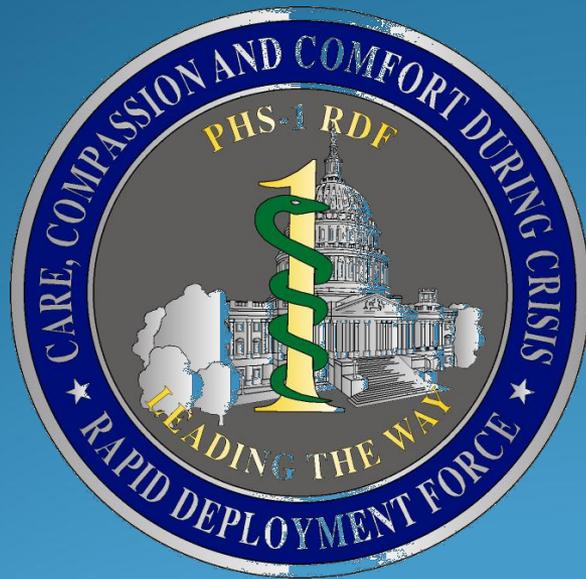


Safety Update – Zika Virus



PHS-1 Rapid Deployment Force

CDR Quinn

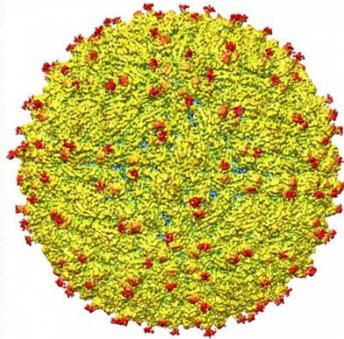
Zika Virus during Deployment

- Summer Deployment Scenarios
 - Hurricanes
 - Flooding
 - Rain Events
 - Earthquakes
 - Landslides
 - Wildfires

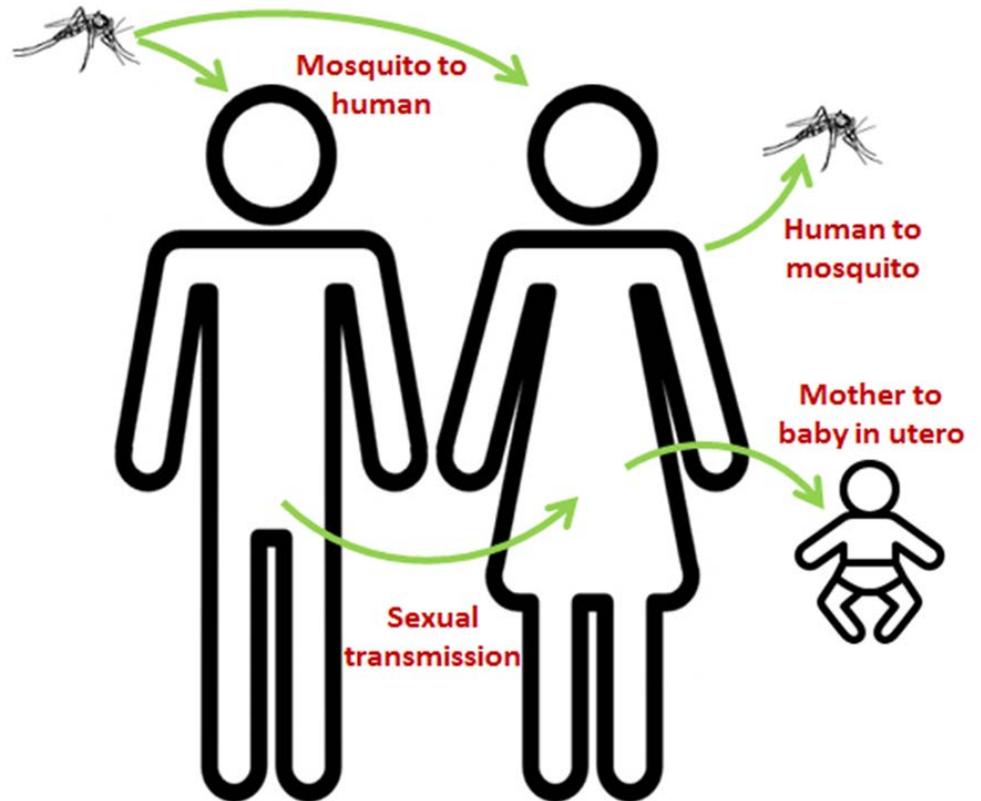


All have the potential to increase the risk of mosquito-borne diseases including Zika, Chikungunya, Dengue, West Nile, Encephalitis, & others.

Zika Basics



- Viral disease
- Spread by *Aedes* sp.
- No vaccination or specific tx
- No sx in 4/5 cases
- Most cases mild/self-limiting
- Severe complications – microcephaly and Guillain-Barré
- Bloodborne pathogen



Aedes Basics

- Aggressive/sneaky biters
- Active at any time of day
- Container breeders
- Distinctive appearance



 *Aedes aegypti*



 *Aedes albopictus*

Zika Control and Prevention

- Avoid Mosquito Bites
 - Use insect repellent
 - Treat uniforms and clothing
 - Wear clothing that covers your arms and legs while outdoors
- Habitat Control
 - Eliminate standing water sources
 - Keep windows and doors screened/closed
- Avoid High Transmission Areas
 - Delay unnecessary travel to areas with active outbreaks
- Universal Precautions
 - Avoid contact with blood/body fluids of an infected person

Zika References

- CDC: <https://www.cdc.gov/zika/index.html>
- WHO: <http://www.who.int/topics/zika/en/>
- PAHO:
http://www.paho.org/hq/index.php?option=com_content&view=article&id=11585&Itemid=41688&lang=en
- NIOSH:
<http://www.cdc.gov/niosh/topics/outdoor/mosquito-borne/zika.html>
- OSHA: <https://www.osha.gov/zika/index.html>
- NPS: <https://www.nps.gov/articles/zika-virus.htm>