



**Catholic Health
Initiatives**

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Zika Virus

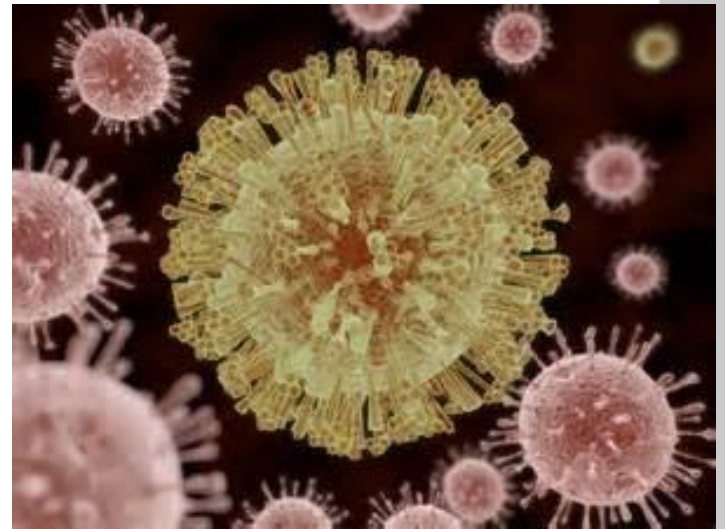
What You Need To Know

2/4/16

Zika Virus

What Is It?

- Mosquito-borne. *Aedes* species. Daytime biters.
- Perinatal, in utero, and possible sexual/transfusion transmission reported.
- Single-stranded RNA virus
- 80% infected are asymptomatic.
- Symptoms = fever, rash, joint pain, conjunctivitis.
- Treatment = No vaccine or medications.
- No ASA/NSAIDs until dengue ruled out.



Zika Virus

Who is at risk?

- Anyone living in or traveling to an area where Zika virus is found.
- No locally transmitted cases reported in U.S.
- Cases reported in returning travelers.
- Possible in future due to large number of travelers to Mexico, Puerto Rico, and Caribbean.



Zika Virus

What Do We Know About What Zika Does To a Fetus?

- Zika infection confirmed in 35 infants with microcephaly from Brazil. Rate of transmission is unknown.
- Other defects reported include microcephaly, intracranial calcifications, abnormal eye findings, clubfoot.
- Microcephaly = head size < 3rd percentile.
- Full spectrum of outcomes r/t Zika virus unknown.



Zika Virus

Countries and Territories with Active Zika Virus Transmission



Retrieved from <http://www.cdc.gov/zika/geo/index.html> 2/4/16

Zika Virus

Countries and Territories with Active Zika Virus Transmission

AMERICAS

Barbados Bolivia Brazil Colombia Commonwealth of Puerto Rico, US territory
Costa Rica Curacao Dominican Republic Ecuador El Salvador French Guiana
Guadeloupe Guatemala Guyana Haiti Honduras Jamaica Martinique
Mexico Nicaragua Panama Paraguay Saint Martin Suriname U.S. Virgin Islands
Venezuela

OCEANIA/PACIFIC ISLANDS

American Samoa
Samoa
Tonga

AFRICA

Cape Verde

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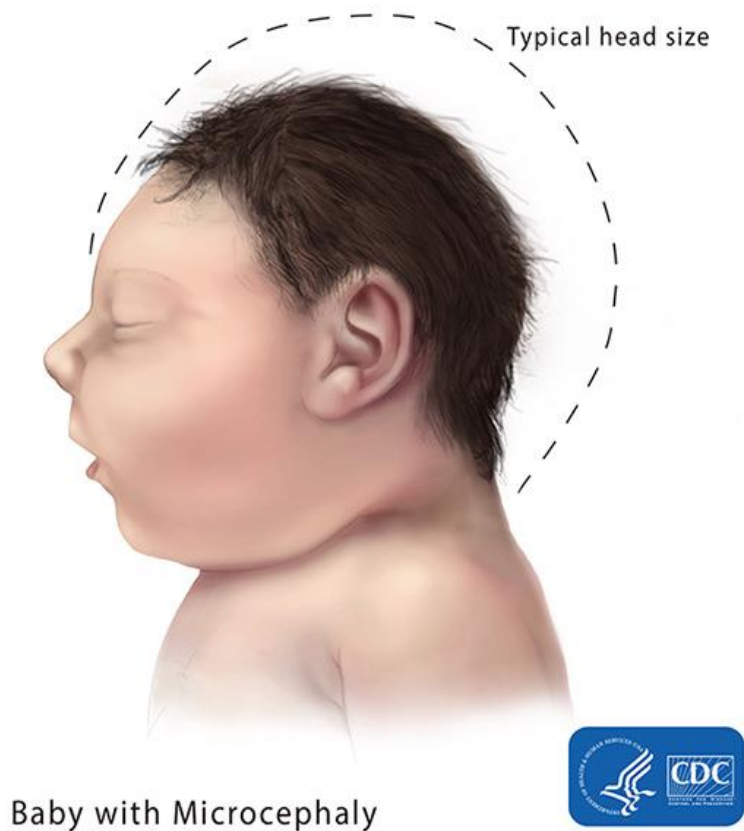
Zika Virus

How Do We Screen For Zika?

- No commercially-available diagnostic tests
- Testing performed at CDC and a few state health departments
- CDC is working to expand laboratory diagnostic testing in states
- Healthcare providers should contact their state health department to facilitate diagnostic testing

Zika Virus

Sequelae of Microcephaly



- Extent r/t how small at 24 hours of age.
- Not currently able to predict long-term sequelae.
- May include seizures, vision, hearing problems.
- Problems with intellectual, movement, and feeding abilities.
- No known cure or treatment.

Zika Virus

What the CDC recommends

All pregnant women consider postponing travel to areas with Zika virus.

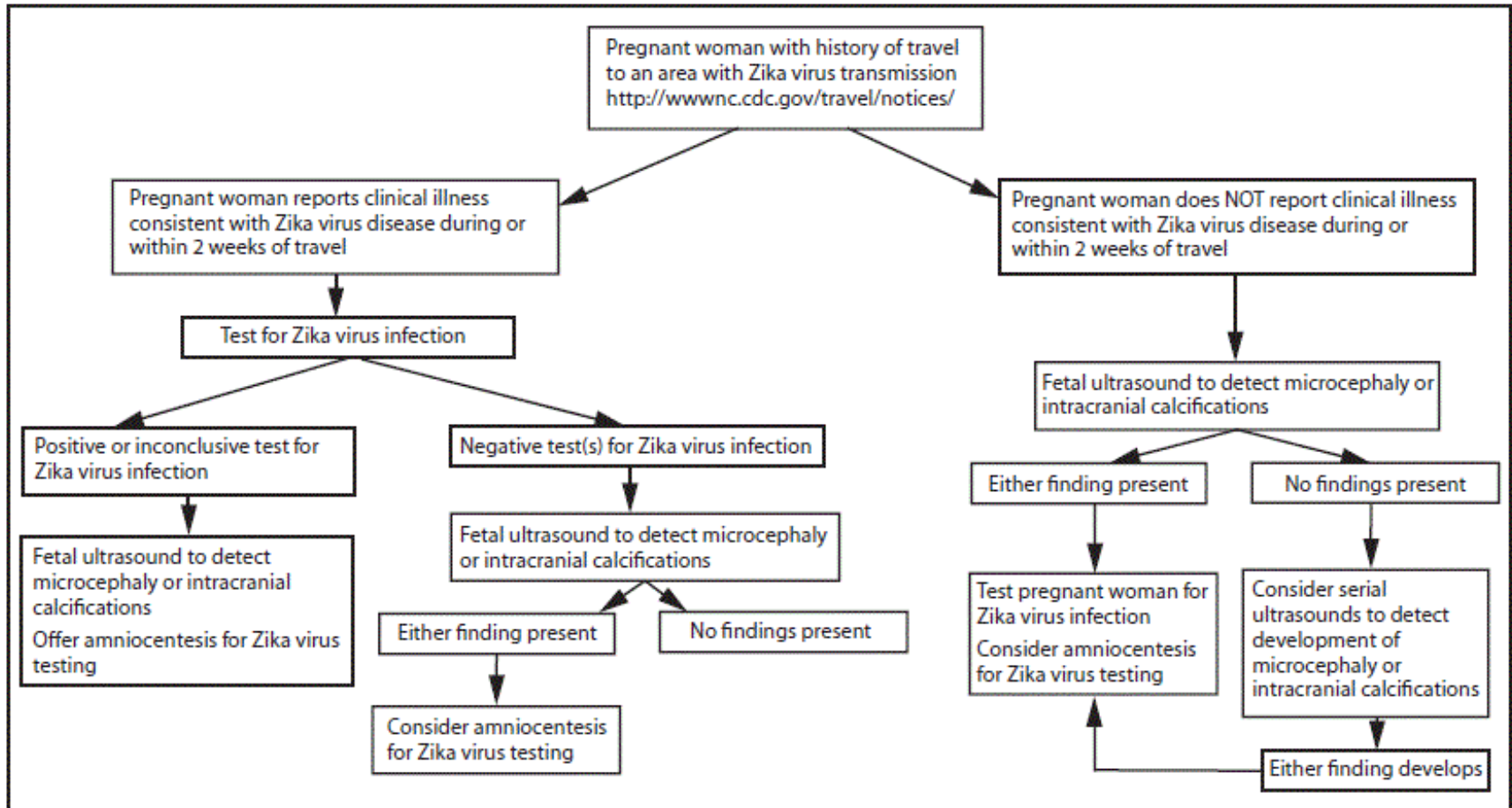
If a pregnant woman travels to an area with Zika virus, follow steps to avoid mosquito bites.

- Mosquito prevention strategies include: covering skin, insect repellent, sleeping in screened-in or air-conditioned rooms.
 - DEET, permethrin, picaridin, and IR3535 safe for pregnant women.



Zika Virus

What the CDC Recommends



Zika Virus

For More Information

<https://www.dshs.state.tx.us/idcu/disease/arboviral/zika/>

<http://www.cdc.gov/zika/>



Zika Virus

References

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