LSUHealth Public Forum on Zika Virus

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Therapeutics and Research on Zika Virus
Therapeutics - I

- Pregnant women with Zika
  - Offer ultrasound beginning first trimester
    - Ultrasound better at defining absence rather than presence
    - Non-directive counseling
- Babies with congenital Zika syndrome
  - Supportive and symptomatic care
Therapeutics - II

GBS

- Admission to hospital with proactive care
- ICU for respiratory, bulbar, autonomic complications
- IVIg or PE when non-ambulatory or progressing
Needs to Combat Zika

Resources: Financial and health care systems (neurological)
Surveillance
Vector (mosquito) control
Public and health care provider education
Research
  Diagnostic tests
  Vaccine
  Therapeutics
Vaccine

None available yet
Development starting at NIH and private companies
Spraying for Mosquitoes in Honduras
Mosquito Control

- Genetic modification of mosquitoes
- Irradiation of mosquitoes
- Bacterial modification of mosquitoes
Antiviral treatments for Zika

None available yet
Helpful Links

- World Health Organization (WHO) [www.who.int/](http://www.who.int/)
- Pan American Health Organization (PAHO) [www.paho.org](http://www.paho.org)
- World Federation of Neurology (WFN) [www.wfneurology.org](http://www.wfneurology.org)
- Centers for Disease Control and Prevention (CDC) [www.cdc.gov](http://www.cdc.gov)