ZIKA VIRUS SCREENING & TESTING PROTOCOL

**Personal travel or partner travel to Zika-affected areas prior to or during pregnancy?**

- **YES**
  - Travel or sexual exposure occurred within 12 weeks AND not more than 8 weeks prior to conception?
    - **YES**
      - Is the patient symptomatic?
        - Shows 2 or more of the following symptoms within 2 weeks of a possible Zika virus exposure:
          - Fever
          - Headache
          - Rash
          - Joint/muscle pain
          - Conjunctivitis
        - **NO**
          - **Yes**
            - Testing recommended by CDC
              1. Obtain approval from MD Zika Champions
              2. Send serum and urine to DPH Lab
              3. Put Zika exposure on the problem list and on U/S requisitions
              4. Q 4 week ultrasounds
              Postpartum: Send neonatal sample and placenta to DPH per CDC protocol
        - **NO**
          - No maternal testing recommended by CDC*
            1. Put Zika exposure on the problem list
            2. Advise against travel during pregnancy. Recommend condom use if partner travel is unavoidable.
    - **NO**
      - Advise against travel during pregnancy. Recommend condom use if partner travel is unavoidable.
      - **Yes**
        - No maternal testing recommended by CDC*
          1. Put Zika exposure in problem list
          2. Put Zika exposure in anatomic survey information
          3. Conduct additional ultrasound at 32 weeks if exposure occurred after conception
        - **NO**
          - Testing recommended by CDC
            1. Obtain approval from MD Zika Champions
            2. Send serum and urine to DPH Lab
            3. Q 4 week ultrasounds
            Postpartum: Send neonatal sample and placenta to DPH per CDC protocol

- **NO**
  - Advise against travel during pregnancy. Recommend condom use if partner travel is unavoidable.

**No maternal testing recommended by CDC**

- **Yes**
  - Testing recommended by CDC
    1. Obtain approval from MD Zika Champions
    2. Send serum and urine to DPH Lab
    3. Q 4 week ultrasounds
    Postpartum: Send neonatal sample and placenta to DPH per CDC protocol

- **NO**
  - Ultrasound abnormalities identified?
    - **YES**
      - No maternal testing in asymptomatic women recommended by CDC. However, a prolonged exposure may confer increased risk. Patient is counseled for testing*
        1. Obtain approval from MD Zika Champions
        2. Send serum and urine to commercial lab
        3. Put Zika exposure on the problem list and on U/S requisitions
        4. Q 4 week ultrasounds
        Postpartum: Discuss the exposure with pediatric team
    - **NO**
      - Testing recommended by CDC
        1. Obtain approval from MD Zika Champions
        2. Send serum and urine to DPH Lab
        3. Serial ultrasounds
        Postpartum: Send neonatal sample and placenta to DPH per CDC protocol

*Review that CDC guidelines do not recommend testing asymptomatic women given low prevalence of disease and high false positive rate. MADPH will not accept samples from asymptomatic women unless fetal abnormality identified. If asymptomatic patients desire testing, sample needs to be sent to commercial lab.

(Updated February 18)