NETEC COVID-19 Webinar Series:
Caring for COVID-19 Labor and Delivery Patients
Welcome: Sonia Bell

Caring for COVID-19 Labor and Delivery Patients: Dr. John P Horton, MD

Topics to discuss:
- Planning
- Screening
- Testing
- Personal Protective Equipment
- Medical Course:
  - Antepartum
  - Intrapartum
  - Postpartum
- Environment:
  - Visitors
  - Cleaning

Topics not discussed:
- Viral Information
- Emerging Technology
  - Vaccines
  - Curative Therapies

NETEC Resources: Sonia Bell

Questions and Answers with NETEC
Welcome

National Emerging Special Pathogens Training and Education Center

Mission
To increase the capability of the United States public health and health care systems to safely and effectively manage individuals with suspected and confirmed special pathogens

For more information
Please visit us at www.netec.org
or email us at info@netec.org
NETEC Overview

**Assessment**
- Empower hospitals to gauge their readiness using **Self-Assessment**
- Measure facility and healthcare worker readiness using **Metrics**
- Provide direct feedback to hospitals via **On-Site Assessment**

**Education**
- Provide self-paced education through **Online Trainings**
- Deliver didactic and hands-on simulation training via **In-Person Courses**

**Technical Assistance**
- Compile **Online Repository** of tools and resources
- Develop customizable **Exercise Templates** based on the HSEEP model
- Provide **Emergency On-Call Mobilization**

**Research Network**
- **Online Repository** Built for rapid implementation of clinical research protocols
- Develop Policies, Procedures and Data Capture Tools to facilitate research
- Create infrastructure for a **Specimen Biorepository**

Cross-Cutting, Supportive Activities
Caring for COVID-19 Labor and Delivery Patients

Dr. John P. Horton
Division Director of General OB/Gyn, Emory Healthcare
Caring for COVID-19 Labor and Delivery Patients

Planning

You are likely here Because we all are

Resources

Fear { Staff Patients

Simulation
## Planning

<table>
<thead>
<tr>
<th>Everyone needs an overall ID policy</th>
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- Umbrella policy
- Specifics
  - Area
  - Provider type
  - Lab plan
  - Patient flow
  - Patient location
In this emergency, who do we need:

- Nursing
- Respiratory
- Infection Prevention
- Infectious Disease
- Internal Medicine
- Pulmonary Critical Care
- Environmental Services
- Anesthesia
- MFN
- Neonatal
- OB
Isolation of patients

- Conversion of units
- Redeploying staff
- PUI goes in a room
  - They stay in that room
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Screening

- Best Offense...
  - Symptoms
  - Recent Positive COVID testing
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**Testing**

- What kinds do you have?
- How many can your facility run?
- How many testing supplies are there?
- Who do you test?
- Pregnancy and Co-morbidities
Testing all patients Vs targeted testing

- Primary planning
  - How? Who?
- What are the down stream effects
  - PPE
  - Co-rooming
  - Breastfeeding
  - Visitors
  - Location challenges

Antibody testing
Personal Protective Equipment (PPE)

- Is using more than one layer better?
- What if it was used for extended times?
- What if they were thicker to filter out more?
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PPE: Mass Mask Confusion

- It is a physical representation of safety
  - Acknowledge and respect

- N95 respirators
  - Better for extended use
  - Better for repeat use

- Surgical masks
  - Repetitive use not recommended
  - Most cannot be cleaned
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**PPE: Hand Hygiene**

- There is no greater good in time of pandemic
- Personal habituation
  - I can’t stop touching my face

**PPE: Eye Protection**

- Shields preferred
  - in procedural/surgical areas
  - Especially when using extended N95 wear
- Goggles
PPE: In Translation

- Triage
- C-section
- Emergent
  - Anesthesia techniques
  - Neonatal response and positioning
- Laboring
- Vaginal delivery
- Scheduled
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PPE: Aerosol Generating Procedures

- Intubation
- Nitrous?
  - Maybe but not recommended
- Oxygen
  - Worth a discussion of effectiveness
    - Data that says it is not helpful
    - Some societies still recommend
- Delivery method
  - Mask versus nasal cannula
Medical Practice: Antepartum

- Decreased physical visits
- Telemedicine
  - Blood pressure cuff
  - Doppler versus Fetal movement
- Steroids for fetal maturity
- Anticoagulation
Medical Practice: Intrapartum

- Cohort
- Fluids
- Magnesium
- Azithromycin
- Communication
  - Nursing
  - Anesthesia
Medical Practice: Postpartum

- Co-rooming
- Breast feeding
- Follow up timing
Medical Practice: ICU Care

- Steroids
- Equipment
- Staff
- Response
- Transit
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Anticipate

Create Plan
• It’s a draft
• Anyone add/subtract
• Change is inevitable

THE NEXT

Create a communication tool
How do you rally your team

Results:

Decreased Fear

Decreased Confusion
NETEC Resources

Sonia Bell


NETEC will continue to build resources, develop online education, and deliver technical training to meet the needs of our partners.

**NETEC is Here to Help**

**Ask for help!**

- Send questions to info@netec.org - they will be answered by NETEC SMEs
- Submit a Technical Assistance request at NETEC.org
Questions and Answers