



# **Lytic Hospitals**

## **Meeting the Mark**

Mary Printz  
Eastern North Carolina  
RACE Coordinator

# Thrombolytics

- 45% received lytics (n = 235/519)
- Median Door to Lytic 35 min (25, 53)
- **34% patients received lytics in < 30 minutes**
- **What about the other 66%?**



# Transportation Issues

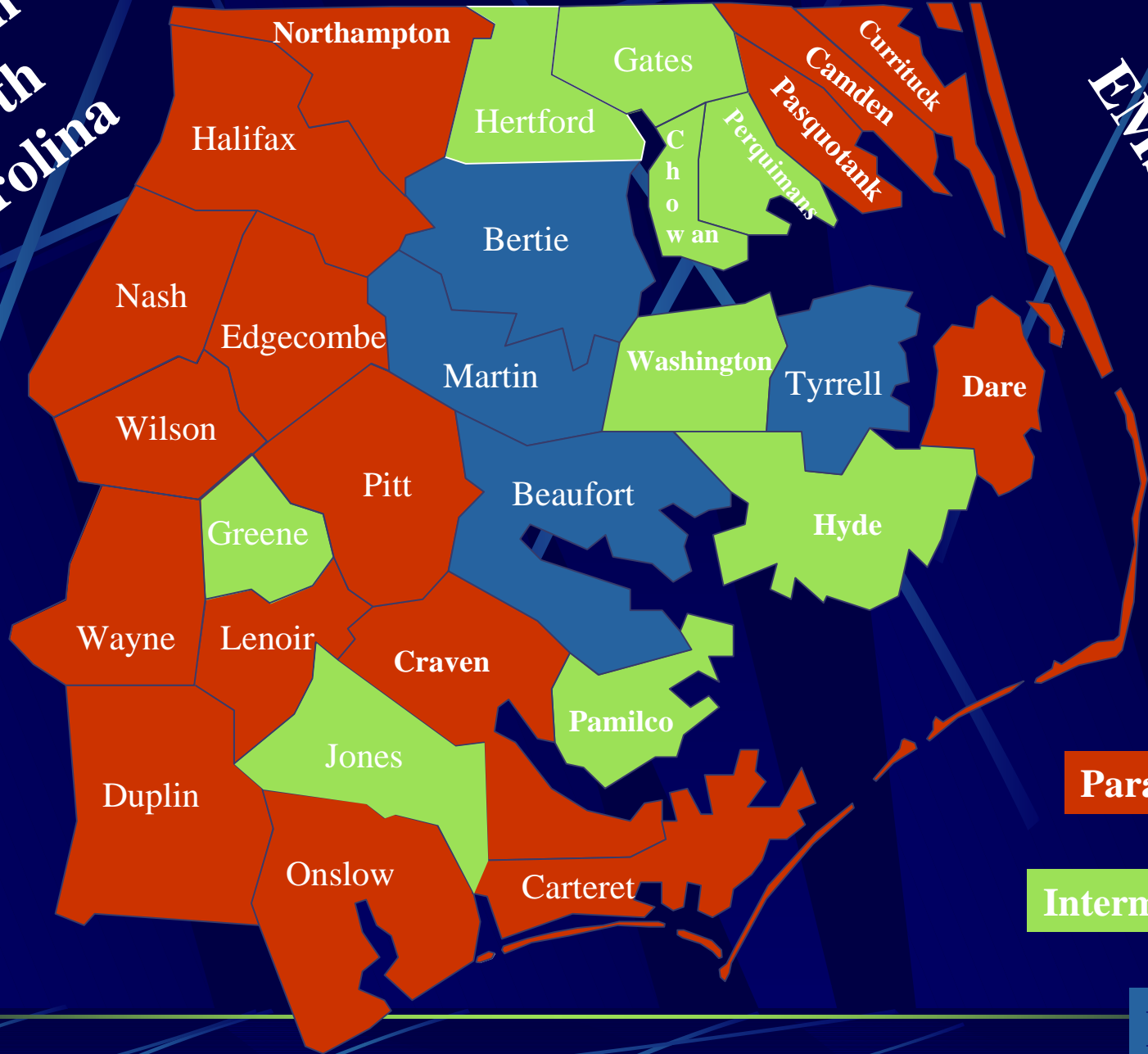
- Vast geographic area
  - Ground transport
    - Local
    - East Care
      - Greenville base
      - 4 satellite bases
  - Air transport

# Transportation Issues

- EMS Coverage
  - Number of trucks per agency/county
  - Level of experience
    - Basic
    - Intermediate
    - Paramedic
  - Paid vs volunteer

**Eastern  
North  
Carolina**

**EMS**



**Paramedic**

**Intermediate**

**Basic**



# **Pitt County Memorial Hospital**

“Drip and Ship” Method

# Overview of ENC

- 3/14 hospitals were meeting the Door-ECG time of < 10 minutes.
- 2/14 hospitals had Door to Decision time < 30 minutes.
- 2/14 hospitals had Door to Lytic times < 30 minutes.

## 2<sup>nd</sup> Quarter Data

- 7/11 hospitals had Door-to-ECG times < 10 minutes.
- 7/11 hospitals had Door-to-Decision times < 30 minutes.
- 5/11 hospitals had Door-to-Drug times < 30 minutes.

# Door to ECG

- RACE project
  - Increased awareness
- ED staff training on performing 12 lead ECG's
- Monitor
- Feedback

# Door to Decision

- Not always documented
- RACE project
  - Increased awareness
- Development of protocols
- Competition among ED physicians
- Feedback and Re-enforcement

# Door to Decision

- Areas of Improvement
  - 12 lead ECG training
    - Physicians
    - NP/PA
    - Resident
  - Lytic training
    - Medical school?????

# Door to Drug

- RACE Project
- Increased awareness
- Development of written orders
- Drug boxes/pyxis



# **Pre-Hospital ECG**

Development of STEMI plan