Manatee County Department of Public Safety

COMMUNITY PARAMEDIC

“MORE THAN LIGHTS AND SIRENS”

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Presentation Objectives

- Describe the Community Need
- Current System Limitations
- Healthcare is Evolving
- Community Paramedicine
  - Definition
  - Community Needs Assessment
  - Components
  - Best Practices
- Manatee County’s Community Paramedic Program
COMMUNITY NEED

- Increasing unnecessary use of Emergency Medical Services correlates to increased healthcare spending
- Safety
  - Falls
  - Drownings
  - Medication Compliance
- Improved Management of Chronic Medical Conditions
  - Mental Health and Substance Abuse
  - Diabetics
  - Congestive Heart Failure (CHF) & Other Respiratory Conditions

INCREASE IN 911 CALL VOLUME SINCE 2008
37%

INCREASE IN Population GROWTH FROM 2010 - 2014
9%
CURRENT SYSTEM LIMITATIONS

• Due to increasing call volume, resource availability has become more difficult to manage
• Increased call volume has directly resulted in emergency department overcrowding
• Wait times at emergency departments have exceeded four hours for ambulances
37%  911 Call Increase Since 2008
WE CANNOT SOLVE OUR PROBLEMS WITH THE SAME THINKING WE USED WHEN WE CREATED THEM

- Albert Einstein
Community Paramedicine

- Restructuring of existing healthcare resources
- Not a new means of health care spending
- Designed to support and augment an in-home patient-centered model
- Increases access to primary and preventive care
- Decreases unnecessary Emergency Department and ambulance utilization
- Improves patient outcomes by using paramedics in an expanded role
Needs Assessment

• Each Community Paramedic Program is tailored to the needs of the community it serves.

• Annual Health Care Gap Assessments reveal community needs and targeted patient population.

Model Systems

• Pittsburgh, PA

• San Diego, CA

• Dallas/Fort Worth, TX

• Wake County, NC

*Information about MIH-CP in Alabama came in after the survey concluded.
Program Key Components

• Fully Integrated
• Collaborative
• Supplemental
• Data Driven
• Multidisciplinary Practice
Community Paramedics

- Individuals who excelled in prehospital care
- Function as care coordinators
- Meet you at your home or location of your convenience
- Veteran Paramedics
The Community Paramedic Program

• Target Patient Population
  – Frequent Falls
  – Diabetic
  – Congestive Heart Failure/Chronic Respiratory Conditions
  – Mental Health/Substance Abuse
  – High System Utilizers
Service Delivery Model

9-11

Emergency

Emergency

Referral Sources

- Primary Care
- Cardiologist
- Case Managers
- Social Workers
- Internal System Data
- Discharge Referrals
- More...

COMMUNITY PARAMEDIC

Appropriate Medical/Non Medical Resource(s)
Community Partnerships

BLAKE MEDICAL CENTER
CENTERSTONE
MCR HEALTH SERVICES
Circle of Care Network
Bradenton URGENT CARE
WALK-IN CLINIC
MTC MANATEE TECHNICAL COLLEGE
Manatee County FLORIDA
Turning Points
Where Compassion Takes Action
LECOM
Manatee Memorial Hospital
Florida HEALTH
Manatee County
### Sample Cost Avoidance

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>AVG ED</td>
<td>$969</td>
</tr>
<tr>
<td>AVG TRANSPORT</td>
<td>$550</td>
</tr>
<tr>
<td>AVG Admission</td>
<td>$10,500</td>
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</tbody>
</table>

**AVG Cost Avoidance Per Patient**

$1,519

81% of programs in operation of two years or longer report success in reducing costs, 911 use, and emergency department visits for defined groups of patients.
Questions

www.mymanatee.org/communityparamedics