

MOBILE INTEGRATED HEALTHCARE – COMMUNITY PARAMEDICINE

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WAUCONDA FIRE PROTECTION DISTRICT

A BRIEF INTRODUCTION...

- A little bit about Wauconda Fire District
- Fire Service Career
- Medical Officer – 2018 to present
- Roles and responsibilities
- Family

WHAT IS MOBILE INTEGRATED HEALTHCARE (MIH)?

- History and birth of Mobile Integrated Healthcare – Community Paramedicine (CP)
- History of Lake County MIH program start and development
- Early structure and services
- Goals and objectives of MIH programs
 - Proactive and preventative
 - Chronic health conditions
 - Evaluation of Social Determinants of Health (SDH)
 - Referral service/Community Liaison
- Where can MIH-CP be seen in Illinois?
- Effective and efficient delivery of services
 - Value-based and data driven

WHO PROVIDES MIH SERVICES?

- The fire department!
- Public body that's sole purpose is to provide community services to the most vulnerable and underserved populations within each community.
- The current fire service model?
- Key evolutionary phase – Emergent vs. Non-emergent
 - Current 911 model vs. MIH program
- Recognized institution of trust

KEY COMMUNITY PARTNERS

- Grant funding background
- Initial partnerships
 - Expanded partnerships
 - Regional Approach
 - Consolidated services
 - Current Fire Department partners: Wauconda, Mundelein, Libertyville, Antioch, Countryside, Round Lake
 - 200,000 population, 200 square miles of service area
- Community Partners
 - Advocate-Aurora Condell Medical Center
 - Lake County Health Department
 - Community Health improvement Plan (CHIP) partners
 - Lake County Steering Committee
 - Healthcare Foundation of Northern Lake County (HFNLC)
 - Lake County Community Foundation (LCCF)
 - The Grainger Foundation
 - American Heart Association
 - State and Local Legislators
 - Skilled Nursing Facilities
 - More coming

WHY THE FIRE DEPARTMENT?

Fire departments are universally recognized as a critical community service and serve as the backbone of critical infrastructure that provides necessary services to the community.

Fire departments have been called to traditionally provide fire suppression, but our role in the community has expanded significantly to include fire suppression, emergency medical services, hazardous materials response, underwater rescue and recovery, technical rescue services, and public fire education and prevention.

Mobile Integrated Healthcare is another adoption of a needed service within our respective communities that serves the elderly and chronically ill in a non-emergent fashion. This program is designed to be more cost-effective and provides a more efficient delivery of service rather than a blanket approach.

WHY THE FIRE DEPARTMENT

Training

Infrastructure

Equipment

Grassroots service that allows us to see into people's lives in real time and truly understand the patient's everyday challenges

Relationship with patient, family, and local hospitals

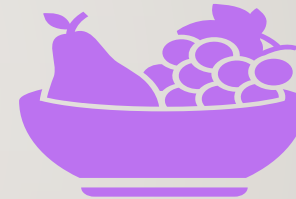
WHAT SERVICES DOES AN MIH PROGRAM PROVIDE?

- Patients enrolled in an MIH program generally fall into several categories that are both medical and social and are typically chronic in nature.
- Medical comorbidities include:
 - Diabetes
 - Congestive Heart Failure (CHF)
 - Chronic Obstructive Pulmonary Disease (COPD)
 - Asthma
 - Post-discharge follow-up for myocardial infarction (MI)
 - Major Hip/joint issues
 - Cardiac Dysrhythmia's
 - Uncontrolled Hypertension
 - Patients who are a fall risk***
 - #1 call for 911 services

WHAT SERVICES DOES AN MIH PROGRAM PROVIDE?



Community Liaison



Social determinants of Health (SDH)

Medication compliance and Primary care compliance

Food insecurity

Transportation challenges

Nutritional/dietary deficiency

Access to primary care

Education of medical conditions

Mental and behavioral health services ***

- Late-stages of our MIH program but is currently in early stages of development

WHAT DOES OUR MIH PROGRAM LOOK LIKE?

- Scheduled basis
 - Monday – Friday
 - Hours: 8 -5pm
 - Generally once or twice a week visits depending on Primary care and care coordination needs and patient assessment
- Two (2) Community Paramedics visit the patient's home to provide in-home assessments and evaluate any other social needs they may have.
- Primary care coordination
- Remote monitoring/viewing capabilities and communication
- Telemedicine capability
 - CMS ET3 Participation and History

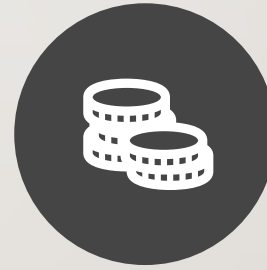
CHALLENGES



GRANT
FUNDING



SUSTAINABILITY



REIMBURSEMENT
MODEL



LEGISLATIVE
EFFORTS

NEXT STEPS

- Implementation – January 2, 2023
 - 6 fire agencies will be participating and providing service in the proposed region in coordination with our other community partners
- Legislation
- Contractual agreements with managed care organizations (MCO's), Accountable Care Organizations (ACO's), Illinois Health and Family Services (HFS), Center for Medicare and Medicaid agreements
- Grant Funding

Q & A



CONTACT INFORMATION



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