



# Mobile Stroke Transport Unit

**Harold Theus, Fire Chief**  
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*Where Nature and  
Culture Meet*

# Background



- **Approached by UF Health in November**
- **Desire to partner with ACFR**
- **In FY 22, ACFR responded to 683 stroke emergencies**
- **Current procedure for stroke care**
  - Stroke Alert and stabilize patient



# MSTU -Definitive Stroke Care

- **Staffing**
  - EMT, Paramedic, Neuro RN, CT Tech
- **Telemedicine**
  - UF Health Vascular Neurologist
- **Assessment and Intervention**
  - On board CT-Scanner
  - Telemedicine Consult with Vascular Neurologist
  - Thrombolytics and Anti-Coagulants

# Shared Employees



- **By way of agreement ACFR staff will provide employees on “lease” to UF Health**
- **Better together**
  - UF Health brings the clinical hospital experience
  - ACFR brings the emergency response and all hazards experience
- **Community Role**
  - Respond to stroke-like symptoms, provide community education, and train other first responders in stroke care

# Neuro 1



UF Health has agreed that the unit will be co-branded with an Alachua County Fire Rescue emblem.



# Goals of Program



- 1. To shorten the time between the onset of stroke-like symptoms and the delivery of intravenous thrombolytic for acute ischemic stroke patients**
- 2. To shorten the time between the onset of stroke-like symptoms and arterial puncture for large vessel occlusion, acute ischemic stroke patients**
- 3. To shorten the time between the onset of stroke-like symptoms and anticoagulant reversal therapy for hemorrhagic stroke patients**
- 4. To improve survivorship of acute stroke**
- 5. To improve patient outcomes from acute stroke**

# The Process



- **Initiation of 911**
- **Combined Communications Center determines call type**
- **Quickest resources are dispatched along with Neuro 1**
- **Assessment by first responders, findings communicated to Neuro 1**
- **Depending on location and time, Neuro 1 either arrives on scene or rendezvous with ACFR transporting rescue**
- **Assessment, CT scan, blood draw lab values, telemedicine consult with UF Health Vascular Neurologist, diagnosis, treatment with anticoagulants or thrombolytics**
- **Pt will be transported to the closest Comprehensive Stroke Center**
- **Bypass Emergency Room to inpatient stroke care area**

# Proposed Budgetary Plan



**UF Health is assuming all costs associated with program**

	Salary and Operating
EMS Attendant 2.0 FTEs	\$199,108
EMT Driver 2.0 FTEs	\$149,716
Captain of EMS 1.0 FTE	\$131,176
Total Personnel and Operating 5.0 FTEs	\$480,000

Captain will assist with programmatic functions to include oversight, training, and filling last-minute vacancies. The Captain will also assist the department with other EMS related programs.



# Staff Recommendations



- **Authorize Chair to sign**
  - Interlocal Agreement with UF Health
  - Lease Employee Agreement
- **Authorize Staff to advertise and hire**
  - Two (2) EMS/Attendants
  - Two (2) EMT Drivers
  - One (1) Captain of EMS
    - The Captains position will require Impact Bargaining

# Contact Information



<http://www.alachuacounty.us/Depts/PublicSafety/Pages/fr.aspx>

**352-384-3101**

**Dial 911 in an emergency**

<https://www.facebook.com/pages/Alachua-County-Fire-Rescue/121243407933955>