



Montgomery County Fire and Rescue Service

Division of Operations

Emergency Medical and Integrated Healthcare Services

Office of Medical Oversight Clinical Practice Guideline

Title:	Point of Care Ultrasound – POCUS	Number:	2021 - 02
Date:	July 23, 2021		
Issued by:	Roger M. Stone MD, MS – MCFRS Medical Director		
Purpose:	<ol style="list-style-type: none"> To establish a use case for POCUS To define the medical process for using POCUS To highlight treatment priorities in certain patients identified by POCUS 		
Target Patient Population:	Medical cardiac arrest patients who remain in PEA after receiving the 3 rd dose of Epinephrine		
Guideline:	<p>*Clinicians using this guideline must be individually authorized by the MCFRS Medical Director</p> <pre> graph TD Start([Adult Patient in Cardiac Arrest]) --> D1{Medical Etiology?} D1 -- Yes --> A1[Follow appropriate algorithm until after 3rd dose of Epinephrine has been administered] D1 -- No --> End([Continue care as usual]) A1 --> D2{PEA?} D2 -- Yes --> A2[Perform POCUS] D2 -- No --> End A2 --> D3{Evidence of Carotid Blood Flow?} D3 -- Yes --> D4{mCPR in place and advanced airway?} D3 -- No --> End D4 -- Yes --> B1([Consider transport to CIC at this point]) D4 -- No --> End B1 --> B2([Consider that this patient may be in "pseudo PEA" with severe hypotension]) B2 --> B3([Consider administering treatments for profound hypotension: • IV fluid bolus • Epinephrine drip (if max dose of bolus epi has been reached)]) </pre>		