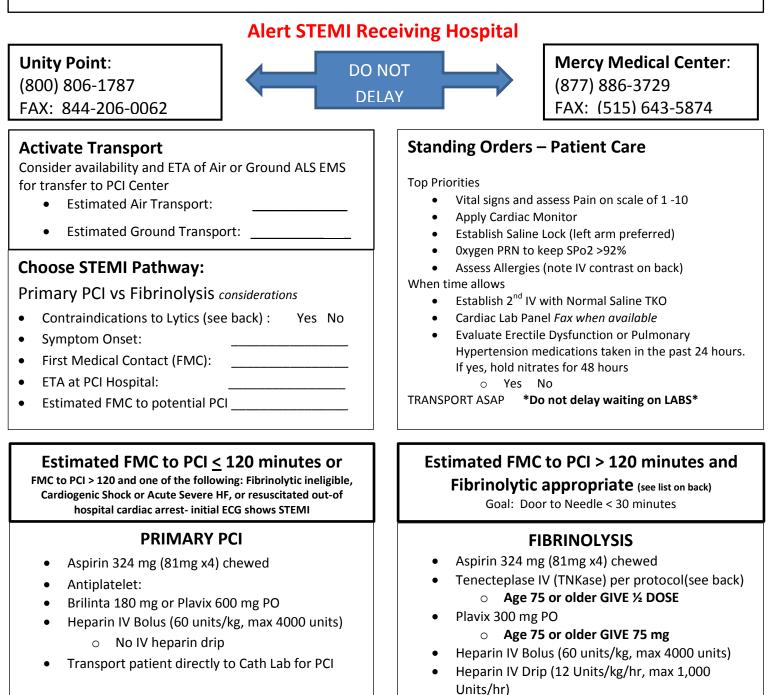
## Des Moines STEMI Protocol Interfacility Transfer

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Transferring Hospital:	Patient Name				
City:					
ED phone #:					
ED Provider:					
STEMI (ST Elevation Myocardial Infarction) Diagnosis CRITERIA					
• ST elevation at the J point in:					
<ul> <li>MEN: at least 2 contiguous leads of <u>&gt;</u> 2mm</li> </ul>					
○ WOMEN: ≥ 1.5 mm in leads V2-V3 and/or of ≥ 1mm in other contiguous chest leads or the limb leads					
<ul> <li>New, or presumably new, LBBB presentation occurs infrequently and may interfere with ST-elevation analysis, and should not be considered diagnostic of acute myocardial infarction (MI) in isolation; If in doubt, immediate consultation with PCI receiving center is recommended</li> </ul>					

- ECG demonstrates evidence of ST depression suspect of a Posterior MI; consult with PCI receiving center
- If initial EKG is not diagnostic but suspicion is high for STEMI, obtain serial 12 Lead ECGs at 5-10 minute intervals



Tenecteplase (TNKase) Dosing		Weight: Height:		Age:	Age:			
Patient Weight	**FULL Dose**	**HALF-DOSE** Age 75 or older	Allergies:					
59 kg or less	30 mg = 6 mL	15 mg = 3mL	Known allergy to shellfis	Known allergy to shellfish, iodine, or IV contrast? Yes No				
60 - 69 kg	35 mg =7 mL	18 = 3.5 mL				-		
70 -79 kg	40 mg = 8 mL	20 mg = 4 mL	Medication	Dose	Time	RN (Initials)		
80 - 90 kg	45 mg =9 mL	23 mg = 4.5 mL	Aspirin (81 mg chew x 4)	324 mg		(initials)		
90 kg or more	50 mg = 10mL	25 mg = 5 mL	Clopidogrel (Plavix) oral	mg				
Absolute Contraindications for Fibrinolysis (TNK) in STEMI 1. Chest Pain / Symptom Onset > 12 hours		Ticagrelor (Brilinta)	180 mg					
2. Any prior intracranial hemorrhage		Heparin IV Bolus	Units					
3. Known structural cerebral vascular lesion 4. Known malignant intracranial neoplasm		60 U/kg, max 4000 Units						
<ol> <li>Ischemic Stroke within 3 months except acute ischemic stroke within 3 hrs.</li> <li>Suspected Aortic dissection</li> </ol>		Heparin IV Infusion 12 U/kg/hr,max 1000 Units/hour	Units/hr					
	or bleeding diathesis (e d head or facial trauma		Tenecteplase (TNKase) IV	mg				
Relative cont	raindications for Fib	rinolysis (TNK) in STEMI		( mL)				
	et > 6 hrs. prior to prese oral anticoagulants	entation (Consult Cardiology)	Nitroglycerine IV Infusion	mcg/min				
<ul> <li>(Coumadin, Pradaxa, Xarelto, Eliquis)</li> <li>History of chronic, severe or poorly controlled HTN</li> <li>Uncontrolled HTN on presentation (SBP&gt;180, DBP&gt;110)</li> <li>History of prior ischemic stroke &gt;3 months, dementia, or known intracranial pathology not covered in contraindications</li> <li>Traumatic or prolonged CPR &gt;10minutes</li> <li>Major Surgery (within last 3 weeks)</li> </ul>		Nitroglycerine Sublingual	0.4mg					
		Morphine Sulfate IV	mg					
<ol> <li>Recent internal bleeding (within last 2-4 weeks)</li> <li>Non compressible vascular punctures</li> <li>Pregnancy</li> <li>Active peptic ulcer</li> </ol>	Fentanyl IV	50mcg						
DPN Medicati	0.005		Ondansetron (Zofran) IV	4mg				
<ul> <li>PRN Medications</li> <li>Nitroglycerin 0.4 mg SL every 5 min (hold for BP &lt; 90; or erectile dysfunction or pulmonary hypertension</li> </ul>		Metoprolol IV	5mg					
		Metoprolol 25mg PO	25mg					
•	ven within 48 hours) ne 1-5 mg IV or Fenta	anyl 50 mcg IV for pain						
Ondansetron 4mg oral or IV								
Metopro	olol 25mg PO or 5 m	g IV	Notes:					
***Document Times***		Notes.						
C	hest Pain -Symp	tom Onset						
Р	re-Hospital ECG							
Н	ospital Arrival (D	Door)						
Н	ospital 1 <sup>st</sup> ECG							
S <sup>-</sup>	TEMI ECG (if 1 <sup>st</sup> E	ECG is negative)						
S <sup>.</sup>	TEMI Protocol A	ctivation	RN Name (Print):					
т	ransport Departi	ure	RN Signature:					
	Air Groun	d	RN Initials:	Date:	Time:			
			Lifeline STEMI Recommendation					
<ul> <li>FMC (First Medical Contact) - to - First ECG time ≤ 10 minutes unless pre-hospital ECG obtained</li> <li>All eligible STEMI patients receive Reperfusion Therapy (Primary PCI vs Fibrinolysis)</li> <li>Fibrinolytic eligible STEMI patients receiving Door - to- Needle time ≤ 30 minutes</li> <li>Primary PCI eligible patients Door in - Door out (Length of Stay) time of ≤ 45 minutes</li> <li>Referring Center ED or First Medical Contact- to PCI time ≤ 120 minutes (includes transportation time)</li> <li>All STEMI patients without contraindications receive Aspirin prior to referring center ED discharge</li> </ul>								