



Treatment Protocol

4404

Effective
April 1, 2018

Expires
March 31, 2019

Policy:
Symptomatic Tachycardia with Pulses

Approval: Medical Director
Reza Vaezazizi, MD

Signed

Applies To:
PSP, EMT, AEMT, PM, MICN, BHP, EMS System

Approval: REMSA Director
Bruce Barton

Signed

Enter from the Universal Patient Treatment Protocol
For specific Emergency Stabilization or Patient Management of **Symptomatic Tachycardia with Pulses**

P	E	A	P
S	M	E	M
P	T	M	

Pertinent Findings

Environment <i>Drugs</i> <i>Medications</i> <i>Other substances</i> <i>Overdose</i> <i>Stress</i>	History <i>PSVT or PAT</i> <i>Atrial-fib and/or flutter</i> <i>Wolff-Parkinson-White</i> <i>Ventricular tachycardia</i> <i>Medications</i> <i>Override pacemaker / ICD</i> <i>Ablation, Heart surgery</i>	Physical <i>Anxiety</i> <i>Chest tightness</i> <i>Palpitations, Tachycardia</i> <i>Hypotension</i> <i>Shortness of breath</i> <i>Altered mental status</i> <i>Syncope</i>	Differential <i>Hypoxia, Shock, AMI, Anaphylaxis, CHF,</i> <i>Congenital heart defect, Dehydration,</i> <i>Heat exhaustion, Heat stroke, Overdose,</i> <i>Poisoning, Pulmonary embolism, Sepsis,</i> <i>Thyrototoxic crisis, Wolff-Parkinson-White Syndrome, and more</i>
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Emergency Stabilization or Patient Management

0.9% Normal Saline IV/IO bolus
As clinically indicated for shock
See the REMSA Calculation Chart for concentration, and patient specific dosage and volume
May repeat as clinically indicated

Consider differential causes of tachycardia while preparing for resuscitation

Valsalva Maneuver
For symptomatic supraventricular tachycardia (SVT) with pulses
May repeat as clinically indicated

Adenosine rapid IV/IO push
Flush immediately with 20 mL Normal Saline rapid IV/IO push
For symptomatic supraventricular tachycardia (SVT)
See the REMSA Calculation Chart for concentration, and patient specific dosage and volume

Repetition requires a base hospital order (BHO)
Pediatric administration requires a base hospital order (BHO)

			A	P
			E	M
			M	
				P
				M

B

Emergency Stabilization or Patient Management <i>(continued)</i>				
<p>Midazolam slow IV/IO push or IM/IN (may substitute Lorazepam slow IV/IO push or IM/IN, or Diazepam slow IV/IO push or IM) As clinically indicated for amnesic effects prior to synchronized cardioversion See the REMSA Calculation Chart for concentration, and patient specific dosage and volume May repeat once <u>Further repetition requires a base hospital order (BHO)</u> <u>Pediatric administration requires a base hospital order (BHO)</u> <u>Administration of more than one benzodiazepine requires a base hospital physician order (BHPO)</u></p> <p>Synchronized Cardioversion For symptomatic supraventricular tachycardia (SVT) or ventricular tachycardia (VT) with pulses See the REMSA Calculation Chart for patient specific energy settings for both initial and subsequent shocks May repeat as clinically indicated in adults <u>Pediatric application and repetition requires a base hospital order (BHO)</u></p> <p>Contact a single REMSA authorized base hospital (BH) in all symptomatic tachycardia with pulses</p>				P M

Return to Universal Patient Treatment Protocol <i>For continuing Scene Management, Emergency Stabilization, Patient Disposition, or Patient Management</i>				P S P	E M T	A E M T	P M
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***** Base Hospital Orders *****							
<p>Initiate, repeat, or modify standing orders within scope of practice As ordered For symptomatic tachycardia with pulses</p>			E M T	A E M T			P M
<p>Adenosine As ordered For symptomatic supraventricular tachycardia (SVT) in pediatrics</p> <p>Amiodarone As ordered For symptomatic tachycardia with pulses</p> <p>Lidocaine 2% As ordered For symptomatic tachycardia with pulses</p> <p>Midazolam (may substitute Lorazepam or Diazepam) As ordered For amnesic effects prior to synchronized cardioversion in pediatrics</p> <p>Synchronized Cardioversion As ordered For symptomatic supraventricular tachycardia (SVT) or ventricular tachycardia (V-tach) with pulses in pediatrics</p>							P M
<p>Assess, clarify, monitor, treat within scope of practice, and determine or change disposition and/or destination As ordered Mode of transport is an operational decision</p>			E M T	A E M T			P M