

AMENTO VALLEY

AGE	, , , , , , , , , , , , , , , , , , , ,	Sierra – Sacramento Valley EMS Agency Treatment Protocol		
Pleural Decompression		PR-3		
proval: 1	Froy M. Falck, MD – Medical Director	Effective: 04/01/20	25	
oroval: J	John Poland – Executive Director	Next Review: 01/2	028	
sound	TIONS ected tension pneumothorax with a history of chest trauma, unilate Is & one or more of the following: ere respiratory distress with SpO₂ <94% - SBP ≤90 or loss of rac		est	
<ul> <li>Asses</li> <li>Mana</li> <li>Admir</li> </ul>	<b>ROCEDURE</b> ss respiratory status ge airway & assist ventilations as appropriate hister high flow $O_2$ & monitor Sp $O_2$ ss & continually monitor vital signs		2 bunn	
<ul> <li>Identi</li> <li>A – N</li> <li>B – N</li> </ul>	fy & cleanse/prep site - approved sites (in preferred order): lid-clavicular line, 2 <sup>nd</sup> intercostal space lid-axillary line, 4 <sup>th</sup> /5 <sup>th</sup> intercostal space (above nipple line) nterior axillary line, 5 <sup>th</sup> intercostal space (above nipple line)			
<ul> <li>Use a</li> <li>Attack</li> <li>Penet</li> <li>Advar</li> <li>or a "po</li> <li>Hold t</li> <li>Capnos</li> <li>Advar</li> <li>Remo</li> <li>Remo</li> <li>Simplif</li> <li>Insert</li> <li>Place</li> <li>Penet</li> <li>Direct</li> <li>Relea</li> <li>Advar</li> <li>Remo</li> </ul>	<b>spot® Pneumothorax Decompression Indicator:</b> minimum 14g x 3.25" needle/catheter specifically designed for ple a Capnospot Pneumothorax Decompression Indicator to needle/cat- rate the skin, advancing needle/catheter with at a 90 <sup>0</sup> angle, over the needle/catheter through the chest wall until a positive indication proves in the pleural space the decompression device in place for approx. 10 secs & observer spot indicator chamber (note: color change may not be reliable on the decompression device in place for approx. 10 secs & observer spot indicator chamber (note: color change may not be reliable on the decompression device over the needle to the spot indicator chamber (note: color change may not be reliable on the catheter hub of the decompression device over the needle to the capnospot from the needle & reapply the Capnospot to the catheter ied Pneumothorax Emergency Air Release (SPEAR®) Proceed SPEAR needle/catheter through skin targeting selected rib (below needle tip against exterior rib and confirm position – direct SPEA rate thoracic cavity – extending SPEAR approx. 3 cm beyond externeedle is catheter from needle by disconnecting Spin Lock the conly the catheter toward middle of clavicle using needle as stated the catheter toward middle of clavicle using needle as stated to an eedle after catheter has been fully inserted uately secure catheter & observe for clinical indicators of successing analysis of successing and the secure of the secure for clinical indicators of successing analysis of successing and the secure of the secure for clinical indicators of successing analysis of the secure catheter & observe for clinical indicators of successing and the secure of	atheter prior to insertion the superior border of the rib on of CO <sub>2</sub> is observed via Capnos for visible color change in the pts with an open pneumothorax) the plane of the pt's skin theter for ongoing assessment <b>ure:</b> w level of intended insertion site) R over the rib and into thoracic ca erior of target rib		
	nitial attempt at one approved site is unsuccessful, consider utilizi	•		

Assess & document vital signs every 3 - 5 mins (if possible)
Monitor Capnospot<sup>®</sup> (if used) & breath sounds for signs of development of tension pneumothorax