### PURPOSE
To provide references used while developing the County of Riverside EMS Agency (REMSA) Policy Manual.

### AUTHORITY
- California Health and Safety Code - Division 2.5: Emergency Medical Services [1797. - 1799.207.]

### References
The REMSA Policy Manual is based in law, science, and medical consensus. Links to the references that contributed to these policies are grouped below:

#### Treatment Protocols
**Authority**
3. County of Riverside Ordinance 756 (Ambulance Ordinance)
4. County of Riverside: EMS Plan
5. County of Riverside: Trauma Plan

**Common References**
6. National EMS: Core Content
7. National EMS: Scope of Practice Model
8. California EMSA: Scope of Practice Position Statements
10. The Joint Commission: "Do Not Use" List of Abbreviations
12. 2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science
13. PHTLS: Prehospital Trauma Life Support, 7th Edition
14. Bledsoe's Paramedic Care: Principles and Practice; Volume 1, 2, 3, 4, and 5
15. Medscape REFERENCE to Drugs, Diseases & Procedures

#### 3301 — Drug and Equipment List
17. California Vehicle Code Section 2418.5 Resuscitator Requirements for Ambulances
18. EMS for Children (EMSC) - Performance Measure Checklist for Recommended Pediatric Equipment and Supplies for BLS and ALS Ambulances
19. California Code of Regulations, Title 8. Industrial Relations
20. Occupational Safety and Health Administration (OSHA), Occupational Safety and Health Standards, Standard 1910
22. British Standards Institution (BS)
23. Canadian Standards Association (CSA)
24. National Fire Protection Association (NFPA)
25. National Institute for Occupational Safety and Health (NIOSH)
26. EMSA #216: Minimum Personal Protective Equipment (PPE)
27. Fatal and nonfatal injuries among emergency medical technicians and paramedics.
28. Extending the Shelf Life of Critical Chemical Biological, Nuclear and Radiological (CBRN) Medical Materiel Using the FDA/DOD Shelf Life Extension Program
29. Stability profiles of drug products extended beyond labeled expiration dates.
30. Evaluation of a simple device for regulating intravenous infusions.
31. Meridian Medical Technologies NAAK (Nerve Agent Antidote Kit, Mark I / DuoDote)
32. Broselow Pediatric Emergency Tape
33. Neotech Products Meconium Aspirator
34. Kingsystems Disposable Supraglottic Airways
35. Pulmodyne O2-RESQ
36. 3M™ Red Dot™ Trace Prep
37. Monroe Community College Public Safety Training Center Oxygen Calculator
38. Combat Application Tourniquet® (C-A-T®)
39. Wolf Tory Medical Inc. MAD Nasal-Mucosal Atomization Device
40. Sansio HealthEMS

3306 — Ventricular Assist Devices
41. Sustained ventricular fibrillation in an alert patient: preserved hemodynamics with a left ventricular assist device.

4101 — Introduction to Treatment Protocols
42. CDF: Training and Academy Course Catalog
43. Barriers to adoption of evidence-based prehospital airway management practices in California.

4102 — Universal Patient
44. The leadership vacuum in resuscitative medicine.
45. Improving handoffs in the emergency department.
46. Institute for Healthcare Improvement: SBAR Technique for Communication: A Situational Briefing Model
47. Contra Costa EMS - SBAR Communication
48. Accuracy of bedside glucose measurement from three glucometers in critically ill patients.
49. Review article: glucose measurement in the operating room: more complicated than it seems.
50. Comparison of POCT and central laboratory blood glucose results using arterial, capillary, and venous samples from MICU patients on a tight glycemic protocol.
51. Efficacy and compliance of a prehospital spinal immobilization guideline.
52. A Comparison of Spine-Board Transfer Techniques and the Effect of Training on Performance.
53. The 6-plus-person lift transfer technique compared with other methods of spine boarding.
54. Are scoop stretchers suitable for use on spine-injured patients?
55. Social Care Institute for Excellence Guide 15 - Dignity in Care
56. A comparison of the King-LT to endotracheal intubation and Combitube in a simulated difficult airway.
57. A meta-analysis of prehospital airway control techniques part I: orotracheal and nasotracheal intubation success rates.
59. A randomized controlled trial of capnography in the correction of simulated endotracheal tube dislodgement.
60. The relationship between out-of-hospital airway management and outcome among trauma patients with Glasgow Coma Scale Scores of 8 or less.
61. Accuracy of surface landmark identification for cannula cricothyroidotomy.
63. Precautions required for needle cricothyroidotomy.
64. Needle cricothyroidotomy.
65. Immediate versus delayed fluid resuscitation for hypotensive patients with penetrating torso injuries.
66. Study of placing a second intravenous line in trauma.
67. Comparison of intravenous and intraosseous access by pre-hospital medical emergency personnel with and without CBRN protective equipment.
68. Comparison of two intraosseous access devices in adult patients under resuscitation in the emergency department: A prospective, randomized study.
69. Comparison of first-attempt success between tibial and humeral intraosseous insertions during out-of-hospital cardiac arrest.
70. Infantile Apnea and Home Monitoring
71. Patients presenting to the emergency department with non-specific complaints: the Basel Non-specific Complaints (BANC) study.
72. ASHICE on Wikipedia
73. A comparison of the quality of blood specimens drawn in the field by EMS versus specimens obtained in the emergency department.
74. BD Vacutainer Tube Guide
75. BD Vacutainer Order of Draw

4103 — Calculation Chart
76. Prevention of pediatric drug calculation errors by prehospital care providers.
77. Comparison of Broselow tape measurements versus physician estimations of pediatric weights.
78. CDC Clinical Growth Charts
79. EMSC’s Performance Measures Checklist for Recommended Pediatric Equipment and Supplies for BLS and ALS Ambulances
80. Meridian Medical Technologies AtroPen Pack Insert
81. New York State’s Pediatric Assessment
82. Normal ranges of heart rate and respiratory rate in children from birth to 18 years of age: a systematic review of observational studies.

4202 — Refusal of Treatment and-or Transport
83. CURVES: a mnemonic for determining medical decision-making capacity and providing emergency treatment in the acute setting.
84. Consent for emergency medical services for children and adolescents.

4203 — Do Not Attempt Resuscitation - Discontinue Resuscitation
85. California EMS Authority: Do-Not-Resuscitate (DNR) Guidelines & Frequently Asked Questions about DNR
86. 2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science
88. County of Riverside Coroner’s Office

4301 — Shock Due to Trauma
89. The utility of traditional prehospital interventions in maintaining thermostasis.
90. A comparative study of continuous positive airway pressure (CPAP) and intermittent positive pressure ventilation (IPPV) in patients with flail chest.

4302 — Traumatic Injuries
92. Preventing renal failure in patients with rhabdomyolysis: do bicarbonate and mannitol make a difference?

4303 — Burns
93. American Burn Association Severity Determination
94. Elements of Neurologic Assessment from Spinal Cord Medicine Principles and Practice
95. Burn Transfer Guidelines - NSW Severe Burn Injury Service - 2nd Edition
96. The association between hypothermia, prehospital cooling, and mortality in burn victims.
4304 — Heat Illness and/or Hyperthermia

97. Sickle-cell trait as a risk factor for sudden death in physical training.
98. Fatal rhabdomyolysis presenting as mild heat illness in military training.
99. Sickle cell trait and sudden death—bringing it home.

4401 — Shock Unrelated to Trauma

100. Comparison of dopamine and norepinephrine in the treatment of shock.
101. Behaviour of standard gravity-fed administration sets used for intravenous infusion.
102. Electronic flow control and roller clamp control in intravenous therapy: a clinical comparison.
103. In vivo accuracy of gravity-flow i.v. infusion systems.

4402 — Suspected Acute Coronary Syndrome (ACS)

104. Initial aspirin dose and outcome among ST-elevation myocardial infarction patients treated with fibrinolytic therapy.
105. Nitrate induced coronary vasodilatation: differential effects of sublingual application by capsule or spray.
106. More rapid relief of pain with isosorbide dinitrate oral spray than with sublingual tablets in elderly patients with angina pectoris.
107. Sublingual nitroglycerin or spray in the treatment of angina.
109. FDA Safety Recall of Stamina-Rx

4403 — Dyspnea with Suspected CHF

110. Practical recommendations for prehospital and early in-hospital management of patients presenting with acute heart failure syndromes.
111. Noninvasive ventilation in acute cardiogenic pulmonary edema: systematic review and meta-analysis.
112. Clinical practice guidelines for the use of noninvasive positive-pressure ventilation and noninvasive continuous positive airway pressure in the acute care setting.

4406 — Cardiac Arrest

113. 2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science

4407 — Neonatal Resuscitation

114. Comparison of umbilical venous and intraosseous access during simulated neonatal resuscitation.

4408 — Respiratory Distress

115. Optimal dosing of epinephrine in acute asthma.
117. Epinephrine absorption in adults: intramuscular versus subcutaneous injection.
118. Out-of-hospital continuous positive airway pressure ventilation versus usual care in acute respiratory failure: a randomized controlled trial.
119. The use of noninvasive mechanical ventilation in COPD with severe hypercapnic acidosis.
120. Noninvasive ventilation.

4501 — Altered Mental Status with Hypoglycemia

121. Prehospital treatment of severe hypoglycaemia: a comparison of intramuscular glucagon and intravenous glucose.
122. Subcutaneous glucagon may be better than oral glucose for prehospital treatment of symptomatic hypoglycemia.
123. Does the level of prehospital care influence the outcome of patients with altered levels of consciousness?
124. Information for the Physician - Glucagon for Injection
4503 — Suspected Stroke
125. Part 11: Adult Stroke : 2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science
126. Identifying stroke in the field. Prospective validation of the Los Angeles prehospital stroke screen (LAPSS).
127. Internet Stroke Center's LAPSS Form

4504 — Nausea and Vomiting
128. The management of children with gastroenteritis and dehydration in the emergency department.
129. Cannabinoid hyperemesis: a case series.

4601 — Allergy and/or Anaphylaxis
130. Epinephrine absorption in adults: intramuscular versus subcutaneous injection.

4602 — Overdose
131. The empiric use of naloxone in patients with altered mental status: a reappraisal.
132. No deaths associated with patient refusal of transport after naloxone-reversed opioid overdose.
133. Intranasal naloxone delivery is an alternative to intravenous naloxone for opioid overdoses.
134. Therapeutic Intranasal Drug Delivery - Overview of intranasal medication delivery

4605 — Carbamate, Organophosphate, and Nerve Agent Exposure
137. Nerve agent attacks on children: diagnosis and management.

4701 — Pre-Eclampsia and Eclampsia
138. Postpartum preeclampsia: emergency department presentation and management.

5400 — STEMI Program
139. Transporting without infusions: effect on door-to-needle time for acute coronary syndrome patients.

6103 — Ambulance Diversion
140. Association between ambulance diversion and survival among patients with acute myocardial infarction.

7315 — Tourniquets
141. Tourniquets: a review of current use with proposals for expanded prehospital use.