San Francisco EMS Agency

April 1, 2024

Policy & Protocol App Updates

Table 1: All Updates Go Live April 1, 2024

SECTION	Type	DESCRIPTION OF UPDATES
4043 EMS Use of Physical Restraints	Policy	• Minor update reflecting EMS Provider request
4000.1 Ambulance Turnaround Time Standard	Policy	• Expanded criteria to allow EMS personnel - to offload to ED waiting space • Revised re-triage criteria and notification process under an APOT Alert
4001a Vehicle Equipment and Supply List for First Responder Ambulances	Policy	• Added bougie • Reduced Liquid Ibuprofen amount required • Added back-up medication list (Lorazepam, Dopamine, Morphine, MDI) • Added 'Draw up' for BLS Epi • 'Required' added for BLS Epi Auto-Injectors • Added pediatric fluid volume limiter • Added 'chest seal' to petroleum gauze pads
2000 Prehospital Personnel Standards and Scope of Practice	Policy	• Expanded EMT Scope of practice
2041 EMT Optional Skills	Policy	• NEW Policy
14.1 Lorazepam	Medication	• New medication due to ongoing medication shortages
14.1 Atropine	Medication	• Added dosing language for adults • Added dosing language for pediatrics
14.1 Ondansetron	Medication	• Added prolonged QT interval as contraindication • Added ODT as preferred route for pediatrics • Added weight-based dose for pediatrics
14.1 Adenosine	Medication	• Clarified some language re: use of adenosine as a substitute for cardioversion, or if cardioversion fails clarified the preferred IV route. • Removed language referencing unstable wide tachycardia
14.1 Midazolam	Medication	• Clarification to modify the dose for sedation when administered IM to adults.
14.1 Oxygen	Medication	• changed the description of oxygen to incorporate the high flow nasal cannula oxygenation technique
14.1 Ibuprofen	Policy	• Increase dose from 400mg to 600 mg

14.1 Diphenhydramine	Medication	• Clarified language re: the action of the medication; changed the contraindication for pregnant or lactating females from a full to a relative contraindication; added the potentiation of other CNS depressants to side effects. • Dosing switched to a table format • Struck "IM preferred if perfusing well" at public comment request.
2.04 Cardiac Arrest	Protocol	• Hypoglycemia and opiate counteragents specified under the "H's and T's" for asystole/PEA cardiac arrest • The use of dual sequential / alternate vector defibrillation treatment for ventricular fibrillation clarified
2.08 Dysrhythmia Tachycardia	Protocol	• Removed Morphine • Removed requirement to contact Base Hospital for Midazolam
7.02 Endotracheal Intubation	Procedure	• Inserted use of bougie for difficult airways
2.02 Allergic Reaction		• Added EMT Epi draw up/administration
2.16 Shock		• Removed Dopamine • Added Epinephrine Infusion
3.01 Bites/Stings/Envenomation	Protocol	• Removed patient assist with EpiPen in BLS section • Added language under envenomation's • Added link for Protocol 2.09 (Pain Control) • Added tourniquet language in comment section • Created algorithm
7.12 Vascular Access w/IO	Protocol	• Added additional indications such as impending arrest and hypotension • Added contraindications such as fractures to insertion site, previous IO attempt in same extremity, and not critically ill • Added IO procedure • Removed tibial site as preferred location • Added diagram of humeral insertion
8.03 Pediatric Bradycardia	Protocol	• Emphasized oxygenation • Added most common reversible causes • Created algorithm
8.07 Cardiac Arrest: VF/Pulseless VT	Protocol	• Added AED in BLS section • Added check pulse every 2 minutes • Added defibrillation sequence in ALS section • Added dosing of Amiodarone • Added Lidocaine as alternative if Amiodarone is unavailable • Added language for airway management if intubated • Created algorithm

8.08 Poisoning and Overdose (Peds)	Protocol	• Added language in BLS section for fracture care • Added language, medications and dosing for specific substance • Created algorithm
8.09 Respiratory Distress (Peds)	Protocol	• Added signs of distress, and included allergic reaction link to protocol • Added use of CPAP • Added medication (Epinephrine, Albuterol HHN) • Created algorithm
8.10 Seizure (Peds)	Protocol	• Removed SMR and cooling measures • Added dosing for D10 • Added language for Diastat rectal gel • Added dosing for Midazolam • Removed Base Hospital contact criteria • Created algorithm
9.01 Trauma (Peds)	Protocol	• Added BLS treatment language • Added elevation of head by up to 30 degrees • Added Normal Saline dosing • Added Ibuprofen • Added Ondansetron dosing and routes • Added Fentanyl dosing • Added CPS phone number and online report • Created algorithm
9.02 Burns (Peds)	Protocol	• Added Destination Policy in ALS section • Removed Morphine • Added dosing for Fentanyl • Added and updated dosing and route for Ondansetron • Added phone number and link to report for CPS reporting • Created algorithm

Table 2: All Updates Go Live October 1, 2024

Note: Additional documents may be approved for this release date after the April and July 2024 EMSAC Meetings.

SECTION	Type	DESCRIPTION OF UPDATES
2.09 Pain Control	Policy	• Added Ketamine • Added new dose of Ibuprofen • Created Algorithm

14.1 Ketamine	Policy	• NEW
4.01 General Trauma Assessment		• Amended Protocol Name • Removed language in BLS section • Removed language in ALS section • Removed Morphine • Added Ketamine • Amended dosage for Ondansetron • Amended dosage for Ibuprofen • Amended reporting language in Comments section • Amended Base Contact language in Comments section
4.03 Head and Neck Trauma		• Removed language in BLS section • Removed language in ALS section • Removed Morphine • Added Ketamine • Amended dosage for Ondansetron • Amended dosage for Ibuprofen • Amended reporting language in Comments section • Amended Base Contact language in Comments section
4.04 Chest, Abdominal, and Pelvic Trauma		• Removed language in BLS section • Removed language in ALS section • Removed Morphine • Added Ketamine • Amended dosage for Ondansetron • Amended dosage for Ibuprofen • Removed language in Comments section • Amended reporting language in Comments section • Amended Base Contact language in Comments section
4.05 Extremity Bleeding Control		• Amended Protocol Name • Removed language in BLS section • Removed language in ALS section • Added language in ALS section • Removed Morphine • Added Ketamine • Removed language in Comments section • Amended reporting language in Comments section • Amended Base Contact language in Comments section
4.06 Burns		• Removed language in BLS section • Added language in BLS section • Removed language in ALS section • Added language in ALS section • Removed Morphine • Added Ketamine • Amended dosage for Ondansetron • Amended dosage for Ibuprofen • Restored language in Comments section

		• Amended reporting language in Comments section • Amended Base Contact language in Comments section