**Supplemental Materials (available online only).**

Supplemental Table 1.

|  |  |  |
| --- | --- | --- |
|  | Pre-protocol change (n=55) | Post-protocol change (n=21) |
| Admitting Diagnosis | AbscessAcute hypoxic respiratory failure likely due to cocaine overdoseAcute respiratory failure with hypoxia (2)Acute respiratory failure with hypoxia; motor vehicle collision; alcohol intoxication without complicationAcute respiratory failure; pneumonia d/t infectious organism, unspecified laterality, unspecified part of lungAcute substance intoxication, amphetamine and psychostimulant-induced psychosis with delusionsAgitated delirium (6)Agitation/Respiratory FailureAgitation, Rhabdomyolysis, AMSAgitation requiring sedation protocolAlcohol withdrawal syndrome, with delirium Altered mental status (6)Altered mental status, non-traumatic rhabdomyolysis, bizarre behaviorAltered mental status, unspecified altered mental status type; drug ingestion, undetermined intent; pneumonia of left lower lobe d/t infectious organismsCardiac arrestCocaine OverdoseDrug Overdose (3)HyponatremiaNon-traumatic rhabdomyolysis (2)Pancreatitis, Renal FailurePoisoning by dextromethorphan, accidental or unintentionalPolysubstance abusePolysubstance abuse, deliriumPolysubstance OverdoseRespiratory Failure (2)Restlessness and agitationRhabdomyolysis/DeliriumSeizure (2)Sternal FractureSubstance Abuse with Intoxication and DeliriumSepsisSepsis, pneumonia of left lower lobe due to infectious organisms, seizuresSomnolenceSerotonin SyndromeStab woundStab wound, Acute Respiratory FailureStab wound left chest; acute respiratory failure with hypoxia | Acute encephalopathy, deliriumAcute respiratory failure; seizureAgitation (3)Alcohol intoxicationAltered mental status (2)DeliriumEncephalopathyEncephalopathy, altered mental statusIntoxication by drug, uncomplicatedMandible fractureMotor vehicle accident (victim) initial encounterOverdose (3)PneumoniaRhabdomyolysisRhabdomyolysis, acute deliriumRhabdomyolysis, synthetic cannabinoid abuse, agitation requiring sedation protocol |
|  | Substance intoxication with delirium; non-traumatic rhabdomyolysisTrauma |  |

Supplemental Table 2.

|  |  |  |
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|   | Pre-protocol change (n=47) | Post-protocol change (n=17) |
| Adverse Effects | Bradypnea/Apnea (12) | Emergence reaction (5) |
|  | Emergence reaction (12) | Bradypnea/Apnea (less than 10 seconds) (2) |
|  | Hypersalivation (12) | Hypersalivation (6) |
|  | Oxygen desaturation (12) | Oxygen desaturation/hypoxia (2) |
|  | Clonus/hyperreflexia (6) | Clonus/hyperreflexia (2) |
|  | Laryngospasm (2) |  |
|  | Seizure (2) |  |
|  | Bradycardia (1) |  |
|  | Cardiac Arrest (1) |  |
|  | QRS prolongation to 100ms (1) |  |
|  | Trismus (1) |  |

Supplemental Table 3.

|  |  |  |
| --- | --- | --- |
| **Assault Type** | **Pre-protocol** | **Post-protocol** |
| EMS | 20 | 28 |
| Hospital | 4 | 2 |
| EMS & Hospital | 2 | 5 |
| Not documented | 15 | 0 |