

# Weld County EMS Protocol Update Letter



Date: December 15, 2015

To: All EMS providers practicing under Dr. Lowe, Weld County Medical Director.

Dr. Lowe and the Weld County EMS Research and Implementation Committee have approved the following changes to the Weld County EMS Medical Protocols. This revision will be live December 15, 2015. All agencies and personnel operating under these protocols should review and train on the protocol changes.

Protocol	Old Section Number	New Section Number	Updates Made 12/15/2015
Table of Contents	001	001	1. Updated with all revisions and dates
Cardiac Arrest - Medical	307	Same	1. Removed Therapeutic Induced Hypothermia 2. Added End Tidal CO <sub>2</sub> – Capnography under procedures 3. Added Debriefing after patient transfer.
Chest Pain	308	Same	1. Changed language on administration of Fentanyl to match other medications.
Ativan (Lorazepam)	505	Same	1. Changed the language about combination of Benzodiazepine and Opiate medications for pain control to match the rules in Chapter 2.
Dextrose (D50 & D25)	511	Same	1. Removed Draw blood samples prior to the administration of Dextrose 50% 2. Changed the language in the precautions to better describe complications of administration. 3. Changed dosing from “25 grams” to “12.5 to 25 grams” allowing the option of lower dosing.
Fentanyl (Sublimaze)	516	516	1. Added “Can be used as an alternative to Morphine for those patients with chest pain” to indications. 2. Changed the language about combination of Benzodiazepine and Opiate medications for pain control to match the rules in Chapter 2.
Magnesium	522	Same	1. Added drip for Torsades de Pointes with a pulse. 2. Changed dose for seizure secondary to Eclampsia.
Morphine	523	Same	3. Added “Use with caution in right ventricular infarction” as precaution. 4. Changed the language about combination of Benzodiazepine and Opiate medications for pain control to match the rules in Chapter 2.
Narcan (Naloxone)	524	Same	1. Changed pediatric dosing from 1.0 milligrams to match the adult dosing.
Vasopressin	534	N/A	1. Removed protocol. Vasopressin is no longer recommended by the American Heart Association for VF/PVT arrest.

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Versed	535	534	<ol style="list-style-type: none"> <li>1. Renumbered</li> <li>2. Changed the language about combination of Benzodiazepine and Opiate medications for pain control to match the rules in Chapter 2.</li> <li>3. Removed Non-Traumatic from indications for muscle spasms.</li> <li>4. Removed (second line medication refractory to administration of Ativan) for seizure indication.</li> <li>5. Deleted - To prevent shivering in the patient receiving Therapeutic Hypothermia.</li> <li>6. Changed contraindications for hypotension to exclude bradycardia requiring pacing and tachycardia requiring cardioversion.</li> <li>7. Changed adult and pediatric dosing breaking down routes of administration.</li> <li>8. Changed adult IM dose to 5mg.</li> </ol>
Zofran	536	535	<ol style="list-style-type: none"> <li>1. Renumbered</li> <li>2. Added to the EMT scope of practices as <b>DO / P</b>.</li> </ol>
Mini Dosages Page	537	536	<ol style="list-style-type: none"> <li>1. Renumbered</li> <li>2. Removed Vasopressin</li> </ol>
Narcan Auto Injector	N/A	603	<ol style="list-style-type: none"> <li>1. New protocol to allow use of Narcan Auto Injector</li> </ol>
Nitroglycerin	603	604	<ol style="list-style-type: none"> <li>1. Renumbered</li> </ol>
Oral Glucose	604	605	<ol style="list-style-type: none"> <li>1. Renumbered</li> </ol>
Airway: Nasal Endotracheal Intubation	705	Same	<ol style="list-style-type: none"> <li>1. Changed hyper oxygenate to oxygenate patient.</li> <li>2. Removed "Apply cervical collar to stabilize the endotracheal tube".</li> </ol>
Airway: Oral Endotracheal Intubation	707	Same	<ol style="list-style-type: none"> <li>1. Changed hyper oxygenate to oxygenate patient.</li> <li>2. Removed "Apply cervical collar to stabilize the endotracheal tube".</li> </ol>
Cardiac Monitor Cardioversion	717	Same	<ol style="list-style-type: none"> <li>1. Emphasized anterior – posterior pad placement (added picture for visual aid)</li> <li>2. Added additional notes on pad placement.</li> </ol>
Cardiac Monitor Defibrillation	718	Same	<ol style="list-style-type: none"> <li>1. Added indication for Double Sequential Defibrillation for patients in refractory ventricular fibrillation following at least 5 unsuccessful shocks, Epinephrine administration and second dose of antiarrhythmic.</li> <li>2. Emphasized anterior – posterior pad placement (added picture for visual aid)</li> <li>3. Added additional notes on pad placement.</li> <li>4. Added Double Sequential Defibrillation technique / procedure.</li> </ol>
Cardiac Monitor Transcutaneous Cardiac Pacing	719	Same	<ol style="list-style-type: none"> <li>1. Emphasized anterior – posterior pad placement (added picture for visual aid)</li> <li>2. Added additional notes on pad placement.</li> </ol>

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End Tidal CO2 - Operational Capnography	722	Same	1. Minor changes in the format. 2. Added language to require continuous waveform capnography use with administration of Opiates and Benzodiazepines
Res Q Pod	728	N/A	1. Removed protocol for lack of evidence specific to the use of these devices.
Splinting Extremity	729	728	1. Renumbered
Spinal Motion Restriction	730	729	1. Renumbered
Suctioning Endotracheal	731	730	1. Renumbered
Suctioning Pharyngeal	732	731	1. Renumbered
Taser Probe Removal	733	732	1. Renumbered
Therapeutic Induced Hypothermia	734	N/A	1. Removed protocol due to lack of evidence to support its use in the pre-hospital setting.
Vascular Access Existing Central Lines	735	733	1. Renumbered
Vascular Access I.O. - EZ - IO	736	734	1. Renumbered
Vascular Access I.O. - Jam Shidi	737	735	1. Renumbered
Vascular Access I.V. Buff Cap	738	736	1. Renumbered
Vascular Access I.V. External Jugular	739	737	1. Renumbered
Vascular Access I.V. Peripheral	740	738	1. Renumbered
Scope of Practice	811	Same	1. Updated to reflect all changes