



Subject: 2023 Protocol Changes

Effective: Jan. 1, 2023

Last Modified: Jan. 19, 2023

Appendix A.1 General Guidelines

- a. All important changes made to the 2023 GMVEMSC protocol are listed in this section.
- b. All changes made since the Jan. 6, 2022 release are included.
- c. Grammatical changes, formatting or clerical corrections are not mentioned.
- d. The different tabs are:
 - i. General Protocol Changes – includes any changes that effect the protocol as a whole or all of the different disciplines
 - ii. EMR – changes affecting the patient care from an EMR
 - iii. EMT – changes affecting the patient care from an EMT, including from EMR tabs
 - iv. AEMT – changes affecting the patient care from an EMT, including from EMR & EMT tabs
 - v. Paramedic - changes affecting the patient care from a Paramedic, including from all other tabs
 - vi. Drug Formulary – changes made to the 8000 series drug listings, affecting all levels
- e. It is recommended that each discipline review the changes to all the other levels as well as their own as some changes could affect their practice.

Appendix A.2 2023 GMVEMSC Protocol Changes

General Protocol Changes		
Tab	Section	Change/Edit/Addition
All	All	To align with the State of Ohio criteria, this protocol will consider pediatric patients to be less than 16 years old
All	All	To align with the State of Ohio criteria, this protocol will consider adult patients to be 16-69 years old
All	All	To align with the State of Ohio criteria, this protocol will consider geriatric patients greater than 69 years old
1004	1004.4.c.iii	Removed requirement to contact MCP if DNR signed by NP or PA, in line with new State of Ohio law
2002	2002.2 Pearls	Removed “ Perform chest compressions slightly higher on the sternum than normal” for pregnant patients
3019	3019.5.c.x	Added “ On scene fatality in the same vehicle” to Mechanism of Injury Criteria
4011	4011.2	Re-wrote section on pregnant patient transport destination decisions for clarity.
5001	5001.4.a	Corrected “older than 2 month of age” to “less than 2 months of age” for transport requirement
7001-10	Title	Changed “Drug Box Program” to “Drug Bag Program” on all titles for conformity with the rest of the protocol
7002	7002.1.d	Modified to 3 hour submission requirement for all patient care reports
7003	7003.1.f	Added “It is not permissible to exchange drug bags between two different Fire/EMS Agencies”
7003	7003.1.k	Added requirement that each agency track drug bag exchanges within their own agency
7003	7003.1.n	Added requirement that drug bags are exchanged at facility that ordered the field termination.
7005	7005	Re-worked the policy for clarity, split policy into notification and investigation. Changed procedures.
7012	7012.6	Changed all Kettering Hospital Network facilities to reflect new names
7012	7012.6	Added new hospitals to the table (i.e. KHN – Springfield and MVH – Beavercreek)
7013	Table	Changed all Kettering Hospital Network facilities to reflect new names
7013	Table	Added new hospitals to the table (i.e. KHN – Springfield and MVH – Beavercreek)
7014	Table	Corrected inaccurate phone and fax numbers
7014	Table	Removed requirement to call Dayton Children’s facilities with all patients, only call for alerts, etc.
7014	Table	Changed all Kettering Hospital Network facilities to reflect new names
7014	Table	Added new hospitals to the table (i.e. KHN – Springfield and MVH – Beavercreek)

Emergency Medical Responder		
Tab	Section	Change/Edit/Addition
4002	Pediatric Considerations	Clarified that Epi is weight based not age based. All patients 30 kg or over should get Adult EpiPen and EpiPen Jr.



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Emergency Medical Technician

Table with 3 columns: Tab, Section, Change/Edit/Addition. Rows include updates for EDD, ROSC transport, nitro prescription, and pediatric considerations.

Advanced Emergency Medical Technician

Table with 3 columns: Tab, Section, Change/Edit/Addition. Rows include updates for Midazolam IV dose, EDD, fentanyl, sedatives, analgesics, ROSC transport, and various landmark corrections.

Paramedic

Table with 3 columns: Tab, Section, Change/Edit/Addition. Rows include updates for Midazolam IV dose, sedatives, analgesics, ROSC transport, and various landmark corrections.



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3007	3007.1 AEMT	Added that with patients greater than 69 y/o, sedatives and analgesics are reduced to 50% of the adult doses.
3008	Pediatric Considerations	Added language to assist the Paramedic with calculating pediatric doses of Hydroxocobalamin
3008	3008.4 Paramedic	Described Hydroxocobalamin (Cyanokit) infusion set
4001	4001.2 Paramedic	Edited to read "consider administering 4 mg/2 ml of the IV form PO by discharging into the patient's mouth."
4001	4001.2 Paramedic	Added weight and age requirement to pediatric IV Ondansetron
4002	Pediatric Considerations	Clarified that Epi is weight based not age based. All patients 30 kg or over should get Adult EpiPen and EpiPen Jr.
4003	Pediatric Considerations	Clarified that Epi is weight based not age based. All patients 30 kg or over should get Adult EpiPen and EpiPen Jr.
4003	4003.1 AEMT	Corrected landmarks for needle decompression from "fifth and sixth" to "fourth and fifth" intercostal
4007	4007.3 AEMT	Added that with patients greater than 69 y/o, sedatives and analgesics are reduced to 50% of the adult doses.
4007	4007.3 AEMT	Added statement "DO NOT ADMINISTER KETAMINE AND MIDAZOLAM SIMULTANEOUSLY"
4007	4007.3 AEMT	Added statement "Give the administered sedative time to work before moving on ..."
4008	4008.2 AEMT	Removed "5 ml/kg" error from newborn dextrose dosing, proper dose is 2 ml/kg
4012	4012.2 AEMT	Added that with patients greater than 69 y/o, sedatives and analgesics are reduced to 50% of the adult doses.
4014	4014.1 AEMT	Added that with patients greater than 69 y/o, sedatives and analgesics are reduced to 50% of the adult doses.
4016	4016.2 AEMT	As written, three boluses could be given to non-trauma shock without pulmonary edema. Corrected to two.

Drug Formulary

Tab	Section	Change/Edit/Addition
8001	Pediatrics	Corrected dose from 6 mg/kg to 0.1 mg/kg
8003	Pediatrics	Corrected repeat dose from "half the initial dose (2.5 mg/kg)" to 5 mg/kg
8004	Medical Control	For EMTs removed "unless assisting the patient with their own medications"
8010	Indications	Modified "cocaine/ crack use" to read "Chest pain associated with stimulant overdose (adults only)"
8010	Adult Dosing	Added that with patients greater than 69 y/o, sedatives and analgesics are reduced to 50% of the adult doses.
8015	Packaging	Changed one 30 mg vial of Epi 1:1,000 to two 1 mg/ml ampules of 1:1,1000
8015	Pediatric Dosing	Corrected greater than/less than error in dosing calculations
8015	Pediatric Dosing	Added line for dosing pediatric patients 30 kg or greater with both Adult EpiPen 0.3 mg and EpiPen Jr 0.15 mg
8016	Adult Dosing	Added that with patients greater than 69 y/o, sedatives and analgesics are reduced to 50% of the adult doses.
8017	Adult Dosing	Edited IV, IN and IM dosing in formulary to match standing orders
8017	Adult Dosing	Added that with patients greater than 69 y/o, sedatives and analgesics are reduced to 50% of the adult doses.
8021	Adult Dosing	Added that with patients greater than 69 y/o, sedatives and analgesics are reduced to 50% of the adult doses.
8022	Medical Control	Added "in some circumstances" to remind that in Crush Syndromes there is no required MCP to repeat
8023	Pediatric Dosing	Corrected dosing error for intubation on a conscious patient.
8027	Indications	In Paramedic indications, added: {Sedate-to-Intubate} or {RSI} in normotensive patients
8027	Adult Dosing	Added adult doses for {Sedate-to-Intubate}, 5 mg slow IV, may repeat up to 10 mg IV
8027	Adult Dosing	Midazolam IV dose changed from 2 mg to 2.5 mg and IM dose changed from 4 mg to 5 mg
8027	Pediatric Dosing	Pedi max dose up to 2.5 mg IV and 5 mg IM
8027	Adult Dosing	Added that with patients greater than 69 y/o, sedatives and analgesics are reduced to 50% of the adult doses.
8028	Adult Dosing	Added that with patients greater than 69 y/o, sedatives and analgesics are reduced to 50% of the adult doses.
8030	Medical Control	Removed requirement that the patient must have a prescription for the EMT to administer nitroglycerin
8031	Indications	Removed "As an adjunct in the treatment of cardiac arrest and profound hypotension"
8032	Medical Control	Added "in some circumstances" to remind that in Crush Syndromes there is no required MCP to repeat
8033	Medical Control	Added "in some circumstances" to remind that in Crush Syndromes there is no required MCP to repeat
8034	Adult Dosing	Removed "(only option for the AEMT, second line option for the paramedic)"
8034	Pediatric Dosing	Added weight and age requirement to pediatric IV Odansetron
8040	Medical Control	Clarified circumstances for calling MCP versus not calling

END OF SECTION