



Combined Special Meeting for EMS Scope of Practice and Drug Tables Medical Direction Commission & Protocols, Medications and Devices Committee

Date: May 1, 2024

Time: 10:00 a.m. - 2:00 p.m. (Doors open at 9:30 a.m.)

In Person: 150 N. 18th Ave, 4th Floor ALS Training Room, Phoenix, AZ 85007

Online: (Chrome browser) meet.google.com/rip-ywhg-fco

Phone: 385-999-6047; PIN: 775 296 263#

AGENDA

- I. Call to Order – MDC = Gail Bradley, MD, Chair; PMD = Franco Castro-Marin, MD, Chair
- II. Roll Call – MDC = 12 Members, 7 required for quorum; PMD = 14 Members, 8 required for quorum
- III. Action Items
 - A. Discuss, amend, approve draft Table 5.1 Arizona EMCT Scope of Practice Skills to add Emergency Medical Responder "EMR" column (Attachment draft Scope)
 - B. Discuss, amend, approve draft Table 5.1 Arizona EMCT Scope of Practice Skills to add Paramedic with Critical Care Endorsement column (Attachment draft Scope)
 - C. Discuss, amend, approve draft Table 5.1 Arizona EMCT Scope of Practice Skills to adjust section D to add a line for intranasal route-unit dose, premeasured and to remove Paramedic STR for thrombolytics (Attachment draft Scope)
 - D. Discuss, amend, approve draft Table 1 - EMCT Drug Box to add column for EMR (Attachment draft Table 1)
 - E. Discuss, amend, approve draft Table 1 - EMCT Drug Box to add column for Paramedic with Critical Care Endorsement (Attachment draft Table 1)
 - F. Discuss, amend, approve draft Table 4 - Agents Eligible for Administration by Paramedic with Critical Care Endorsement (Attachment draft Table 4)
 - G. Discuss, amend, approve draft Table 3 - Special Agents Eligible for Administration and Monitoring to add column for Paramedic with Critical Care Endorsement (Attachment draft Table 3)
- IV. Next Meeting

MDC = May 16, 2024 @ 12:00 hrs, location ADHS & virtual
PMD = July 18, 2024 @ 12:00 hrs, location ADHS & virtual
- V. Adjourn

Agenda Item III.A. EMR column with draft skills marked with yellow highlighter

Agenda Item III.B. Critical Care Endorsement column with draft skills marked with green highlighter

Agenda Item III.C. adjust section D marked with light blue highlighter

TITLE 9. HEALTH SERVICES
CHAPTER 25. EMERGENCY MEDICAL SERVICES
ARTICLE 5. MEDICAL DIRECTION PROTOCOLS FOR EMERGENCY MEDICAL CARE
TECHNICIANS

Table 5.1. Arizona Scope of Practice Skills

KEY:

✓ = Arizona Scope of Practice skill

STR = Special Training Required skill

* = With training in R9-25-505

A.	Airway/Ventilation/Oxygenation	EMR	EMT	AEMT	EMT-I (99)	Paramedic	Paramedic with Critical Care Endorsement
1.	Airway - nasal		✓	✓	✓	✓	✓
2.	Airway – oral	✓	✓	✓	✓	✓	✓
3.	Airway – supraglottic		STR	✓	✓	✓	✓
4.	Airway obstruction - dislodgement by direct laryngoscopy				✓	✓	✓
5.	Airway obstruction – manual dislodgement techniques		✓	✓	✓	✓	✓
6.	Automated transport ventilator			STR	✓	✓	✓
7.	Transport ventilator with advanced modes (SIMV, APRV, etc)						✓
8.	Bag-valve-mask (BVM)	✓	✓	✓	✓	✓	✓
9.	BiPAP					✓	✓
10.	CPAP		STR	✓	✓	✓	✓
11.	Chest decompression - needle				✓	✓	✓
12.	Chest tube placement - assist only					✓	✓
13.	Chest tube monitoring and management					✓	✓
14.	Chest tube placement and management						✓

Attachment draft Scope

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15.	Finger thoracostomy						✓
16.	Cricothyrotomy					✓	✓
17.	End tidal CO2 monitoring and interpretation of waveform capnography		STR	✓	✓	✓	✓
18.	Gastric decompression - NG tube				✓	✓	✓
19.	Gastric decompression - OG tube				✓	✓	✓
20.	Head-tilt chin lift	✓	✓	✓	✓	✓	✓
21.	Intubation - endotracheal				✓	✓	✓
22.	Intubation - nasotracheal					✓	✓
23.	Jaw-thrust	✓	✓	✓	✓	✓	✓
24.	Medication Assisted Intubation (paralytics)					STR	✓
25.	Mouth-to-barrier	✓	✓	✓	✓	✓	✓
26.	Mouth-to-mask	✓	✓	✓	✓	✓	✓
27.	Mouth-to-mouth	✓	✓	✓	✓	✓	✓
28.	Mouth-to-nose	✓	✓	✓	✓	✓	✓
29.	Mouth-to-stoma	✓	✓	✓	✓	✓	✓
30.	Oxygen therapy – high flow nasal cannula					✓	✓
31.	Oxygen therapy - humidifiers		✓	✓	✓	✓	✓
32.	Oxygen therapy - nasal cannula	✓	✓	✓	✓	✓	✓
33.	Oxygen therapy - non-rebreather mask	✓	✓	✓	✓	✓	✓
34.	Oxygen therapy - partial rebreather mask		✓	✓	✓	✓	✓
35.	Oxygen therapy - simple face mask		✓	✓	✓	✓	✓
36.	Oxygen therapy - Venturi mask		✓	✓	✓	✓	✓
37.	Pulse oximetry		✓	✓	✓	✓	✓
38.	Suctioning - upper airway	✓	✓	✓	✓	✓	✓

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39.	Suctioning – tracheobronchial of an intubated patient			✓	✓	✓	✓
B. Cardiovascular/Circulation		EMR	EMT	AEMT	EMT-I (99)	Paramedic	Paramedic with Critical Care Endorsement
1.	Cardiac monitoring - 12-lead ECG (interpretive)				✓	✓	✓
2.	Cardiac monitoring - 12-lead ECG acquisition and transmission		✓	✓	✓	✓	✓
3.	Cardiopulmonary resuscitation	✓	✓	✓	✓	✓	✓
4.	Cardioversion - electrical				✓	✓	✓
5.	Defibrillation - automated/semi-automated	✓	✓	✓	✓	✓	✓
6.	Defibrillation - manual				✓	✓	✓
7.	Hemorrhage control - direct pressure	✓	✓	✓	✓	✓	✓
8.	Hemorrhage control - tourniquet	✓	✓	✓	✓	✓	✓
9.	Hemorrhage control – wound packing	✓	✓	✓	✓	✓	✓
10.	Mechanical CPR device	✓?	✓	✓	✓	✓	✓
11.	Telemetric monitoring devices and transmission of clinical data, including video data		✓	✓	✓	✓	✓
12.	Transcutaneous pacing				✓	✓	✓
13.	Transvenous cardiac pacing – monitoring and maintenance				✓	✓	✓
14.	Hemodynamic monitoring - invasive (central and arterial)						✓
15.	ICP (Increased Intracranial Pressure) monitoring						✓

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16.	Circulatory augmentation device monitoring and management (Intra-arterial balloon pump, Impella)						✓
17.	Ventricular Assist Device (VAD) monitoring and management						✓
C. Splinting/Spinal Motion Restriction/Patient Restraint		EMR	EMT	AEMT	EMT-I (99)	Paramedic	Paramedic with Critical Care Endorsement
1.	Cervical collar	✓	✓	✓	✓	✓	✓
2.	Long spine board		✓	✓	✓	✓	✓
3.	Manual cervical stabilization	✓	✓	✓	✓	✓	✓
4.	Seated spinal motion restriction (KED, etc.)		✓	✓	✓	✓	✓
5.	Extremity stabilization - manual	✓	✓	✓	✓	✓	✓
6.	Extremity splinting	✓	✓	✓	✓	✓	✓
7.	Splint-traction		✓	✓	✓	✓	✓
8.	Mechanical patient restraint		✓	✓	✓	✓	✓
9.	Emergency moves for endangered patients	✓	✓	✓	✓	✓	✓
D. Medication Administration – routes/agent types		EMR	EMT	AEMT	EMT-I (99)	Paramedic	Paramedic with Critical Care Endorsement
1.	Aerosolized/nebulized		✓	✓	✓	✓	✓
2.	Endotracheal tube				✓	✓	✓
3.	Inhaled		✓	✓	✓	✓	✓

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4.	Intradermal					✓	✓
5.	Intramuscular		STR	✓	✓	✓	✓
6.	Intramuscular - autoinjector	✓	✓	✓	✓	✓	✓
7.	Intranasal		✓	✓	✓	✓	✓
8.	Intranasal - unit dose, premeasured	✓	x	x	x	x	✓
9.	Intraosseous – initiation, pediatric or adult			✓	✓	✓	✓
10.	Intravenous			✓	✓	✓	✓
10.	Mucosal/Sublingual		✓	✓	✓	✓	✓
12.	Nasogastric					✓	✓
13.	Oral		✓	✓	✓	✓	✓
14.	Rectal					✓	✓
15.	Subcutaneous			✓	✓	✓	✓
16.	Topical					✓	✓
17.	Transdermal					✓	✓
18.	Use/monitoring of infusion pump for agent administration during interfacility transports				STR	STR	✓
19.	Use/monitoring of agents specified in <i>Table 3-Special Agents Eligible for Administration and Monitoring</i> , established according to A.R.S. § 36-2204 and available through the Department at www.azdhs.gov/ems-regulatory-references				STR	STR	✓
20.	Epinephrine anaphylaxis-prepared kit; only for anaphylaxis when no auto-injector is available		STR	✓	✓	✓	✓

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21.	Immunizations				✓*	✓*	✓
22.	Thrombolytics					STR	✓
E. IV Initiation/Maintenance Fluids		EMR	EMT	AEMT	EMT-I (99)	Paramedic	Paramedic with Critical Care Endorsement
1.	Access indwelling catheters and implanted central IV ports					✓	✓
2.	Central line - monitoring					✓	✓
3.	Intraosseous – initiation, pediatric or adult			✓	✓	✓	✓
4.	Intravenous access		STR	✓	✓	✓	✓
5.	Intravenous initiation - peripheral		STR	✓	✓	✓	✓
6.	Intravenous- maintenance of medicated IV fluids				✓	✓	✓
7.	Intravenous- maintenance of nonmedicated IV fluids		STR	✓	✓	✓	✓
8.	Initiation and maintenance of blood product transfusion						✓
9.	Intravenous initiation - ultrasound guided IV in a hospital setting					STR	✓
F. Miscellaneous		EMR	EMT	AEMT	EMT-I (99)	Paramedic	Paramedic with Critical Care Endorsement
1.	Assisted delivery (childbirth)	✓	✓	✓	✓	✓	✓
2.	Assisted complicated delivery (childbirth)		✓	✓	✓	✓	✓
3.	Blood chemistry analysis					✓	✓

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4.	Blood glucose monitoring		✓	✓	✓	✓	✓
5.	Blood pressure- automated		✓	✓	✓	✓	✓
6.	Blood pressure- manual	✓	✓	✓	✓	✓	✓
7.	Eye irrigation	✓	✓	✓	✓	✓	✓
8.	Eye irrigation hands-free irrigation using sterile eye irrigation device					✓	✓
9.	Urinary catheterization		STR	STR	STR	STR	✓
10.	Venous blood sampling		STR	✓	✓	✓	✓
11.	Arterial blood sampling						✓
12.	Point of care and laboratory sampling and interpretation						✓
13.	External fetal monitoring						✓
14.	Neonatal Isolette monitoring						✓
15.	Ultrasound						STR

* * *

Table 1: EMCT Drug Box

EMCT's are authorized to administer and monitor medications through their administrative medical director's delegated authority. The Medical Direction Commission periodically reviews the following list of medications and will make recommendations for changes that the Director of the Arizona Department of Health Services must then approve.

The following list represents the most recent iteration of the Director-approved medication list. Administrative Medical Directors may authorize EMCTs operating under their delegated medical authority to administer any or all medications from this list. The administrative medical directors MUST ensure that every EMCT operating under their delegated medical authority has access to the MINIMUM SUPPLY of agents required in the table below consistent with the EMCT's certification level.

Key:

A = Authorized to administer the agent

SVN = Agent shall be administered by small volume nebulizer

MDI = Agent shall be administered by metered dose inhaler

***** = Authorized to assist in patient self-administration (Note: only on hydrocortisone sodium succinate line)

[] = Minimum supply required if an EMS provider chooses to make the optional agent available for EMCT administration

IP = Agent shall be administered with an infusion pump

****** = Immunization agents are the list of medications approved by the CDC Advisory Committee on Immunization Practices

Agent	Minimum Supply	EMR	EMT	AEMT	EMT-I (99)	Para medic	Paramedic with Critical Care Endorsement
Adenosine	18 mg				A	A	A
Albuterol Sulfate SVN or MDI (sulfite free)	10 mg			A	A	A	A
Albuterol Sulfate SVN or MDI (sulfite free)	Optional [10 mg]		A				
Amiodarone or Lidocaine	300 mg or 3 prefilled syringes, total of 300 mg and 1 g vials or premixed infusion, total of 2 g				A	A	A A
Aspirin	324 mg			A	A	A	A
Aspirin	Optional [324 mg]		A				

Attachment draft Table 1

Agenda item III.D. - Yellow highlighter for EMR

Agenda item III.E. Green highlighter for Paramedic with Critical Care Endorsement

Agent	Minimum Supply	EMR	EMT	AEMT	EMT-I (99)	Para medic	Paramedic with Critical Care Endorsement
Atropine Sulfate	1 prefilled syringe, total of 1 mg				A	A	A
Atropine Sulfate	Optional [8 mg multidose vial (1)]				A	A	A
Atropine Sulfate Auto-Injector	None	A	A	A	A	A	A
Atropine Sulfate and Pralidoxime (Combined) Auto-Injector	None		A	A	A	A	A
Calcium Chloride or Calcium Gluconate	1g 2g					A	A
Calcium Gluconate, 2.5% topical gel	Optional [50 g]		A	A	A	A	A
Cyanokit	Optional [5 g]					A	A
Dexamethasone or Methylprednisolone	8 mg 125 mg					A	A
Dextrose	50 g			A	A	A	A
Dextrose, 5% in H2O	Optional [250 mL bag (1)]		A	A	A	A	A
Diazepam or Lorazepam or Midazolam	20 mg 8 mg 10 mg				A	A	A
Diazepam Rectal Delivery Gel	Optional [20 mg]				A	A	A
Diltiazem	Optional [25 mg]					A	A
Diphenhydramine	50 mg				A	A	A
Epinephrine Auto-Injector	Optional [1 adult auto-injectors 1 pediatric auto-injectors]		A	A	A	A	A
Epinephrine, 1 mg/1 mL For IM use in anaphylaxis only	Optional [1 mg]		A	A	A	A	A
Epinephrine, 1 mg/1 mL	2 mg			A	A	A	A
Epinephrine, 1 mg/1 mL	Optional [30 mg multidose vial (1)]			A	A	A	A
Epinephrine, 0.1 mg/1 mL	5 mg				A	A	A
Etomidate	Optional [40 mg]					A	A
Glucagon	1 mg			A	A	A	A
Glucose, oral	Optional [30 gm]		A	A	A	A	A

Attachment draft Table 1

Agenda item III.D. - Yellow highlighter for EMR

Agenda item III.E. Green highlighter for Paramedic with Critical Care Endorsement

Agent	Minimum Supply	EMR	EMT	AEMT	EMT-I (99)	Para medic	Paramedic with Critical Care Endorsement
Hemostatic Agents	Optional		A	A	A	A	A
Hydrocortisone Sodium Succinate	Optional			*	*	*	A
Immunizing Agent**	Optional				A	A	A
Ipratropium Bromide 0.02% SVN or MDI	5 mL				A	A	A
Ipratropium Bromide 0.02% SVN or MDI	Optional [5 mL]		A	A			
Ketamine	Optional [200 mg]					A	A
Lactated Ringers	1 L bag (2)			A	A	A	A
Lactated Ringers	Optional [1 L bag]		A				
Lidocaine 2% preservative-free (IO insertion)	Optional [100 mg]			A	A	A	A
Magnesium Sulfate	5 g					A	A
Morphine Sulfate or Fentanyl	20 mg 200 mcg			A	A	A	A
Naloxone	10 mg			A	A	A	A
Naloxone	Optional [prefilled atomizers or auto-injectors] 2 doses	A	A	A	A	A	A
Nitroglycerin Sublingual Spray or Nitroglycerin Tablets	1 bottle 6 tablets			A	A	A	A
Normal saline	1 L bag (2)						
	Optional [250 mL bag (1)] Optional [50 mL bag (2)]			A	A	A	A
Normal saline	Optional [1 L bag]		A				A
Norepinephrine IP or Dopamine	Optional [4 mg] Optional [400 mg]					A	A
Ondansetron	Optional [4 mg]				A	A	A
Over the counter (OTC) analgesics for pain or fever	Optional		A	A	A	A	A

Attachment draft Table 1

Agenda item III.D. - Yellow highlighter for EMR

Agenda item III.E. Green highlighter for Paramedic with Critical Care Endorsement

Agent	Minimum Supply	EMR	EMT	AEMT	EMT-I (99)	Para medic	Paramedic with Critical Care Endorsement
Oxygen	13 cubic feet		A	A	A	A	A
Oxytocin	Optional [10 units]				A	A	A
Phenylephrine Nasal Spray 0.5%	Optional [1 bottle]				A	A	A
Pralidoxime Auto-Injector	None	A	A	A	A	A	A
Proparacaine Ophthalmic	Optional [1 bottle]						
or Tetracaine	Optional [1 bottle]				A	A	A
Rocuronium	Optional [100 mg]					A	A
Sodium Bicarbonate 7.5%–8.4%	Optional [100 mEq]				A	A	A
Succinylcholine	Optional [400 mg]					A	A
Thiamine	Optional [100 mg]				A	A	A
Tranexamic acid (TXA)	Optional [1 g]					A	A

* * *

**Table 4: Agents Eligible for Administration by
 Paramedic with Critical Care Endorsement**

(Pending ADHS Administrative Council-approved terminology.) EMCT's are authorized to administer and monitor medications through their administrative medical director's delegated authority. The Medical Direction Commission periodically reviews the following list of medications and will make recommendations for changes that the Director of the Arizona Department of Health Services must then approve.

The following list represents the most recent iteration of the Director-approved medication list. Administrative Medical Directors may authorize EMCTs operating under their delegated medical authority to administer any or all medications from this list.

Key:

[] = Minimum supply required if an EMS provider chooses to make the optional agent available for EMCT administration

Agent	Minimum Supply
Blood products	Optional [as determined by administrative medical director]
Dilaudid	Optional [as determined by administrative medical director]
Esmolol	Optional [as determined by administrative medical director]
Levetiracetam	Optional [as determined by administrative medical director]
Mannitol	Optional [as determined by administrative medical director]
Metoprolol	Optional [as determined by administrative medical director]
Nicardipine	Optional [as determined by administrative medical director]
Normal Saline 3%	Optional [as determined by administrative medical director]
Phenylephrine IV	Optional [as determined by administrative medical director]
Thrombolytics	Optional [as determined by administrative medical director]
Vasopressin	Optional [as determined by administrative medical director]

* * *

Table 3: Special Agents Eligible for Administration and Monitoring

The Medical Direction Commission periodically reviews and makes recommendations to the Director of the Arizona Department of Health Services of agents that may be administered or monitored by EMCTs during an interfacility transport or in a hospital setting. An EMCT's administrative medical director may then authorize an EMCT to administer or monitor, through the administrative medical director's delegated authority, an agent approved by the Director.

The following list represents the most recent iteration of the Director-approved list of such special agents. Administrative medical directors may authorize EMCTs operating under their delegated medical authority to administer or monitor any or all of the agents from the list below, consistent with the authorized setting and the EMCT's certification level and required training on each agent.

Table 3A: Agents Eligible for Administration and Monitoring during an Interfacility Transport**KEY:**

TA = Transport agent that may be administered by an EMCT if approved by administrative medical director

IP = Agent shall be administered by infusion pump

SVN = Agent shall be administered by small volume nebulizer

* = maintenance infusion only

	AGENT	MINIMUM SUPPLY	EMT	AEMT	EMT-I (99)	Paramedic	Paramedic with Critical Care Endorsement
1	Amiodarone IP	None	-	-	-	TA	TA
2	Antibiotics	None	-	-	TA	TA	TA
3	Blood	None	-	-	-	TA	TA
4	Calcium Chloride	None	-	-	-	TA	TA
5	Colloids	None	-	-	TA	TA	TA
6	Corticosteroids IP	None	-	-	TA	TA	TA
7	Diltiazem IP	None	-	-	-	TA	TA
8	Diuretics	None	-	-	TA	TA	TA
9	Dopamine HCl IP	None	-	-	-	TA	TA
10	Electrolytes/ Crystalloids (Commercial Preparations)	None	TA	TA	TA	TA	TA
11	Epinephrine IP	None	-	-	TA	TA	TA
12	Fentanyl IP	None	-	-	TA	TA	TA
13	Fosphenytoin Na IP or Phenytoin Na IP	None None	- -	- -	- -	TA TA	TA
14	Glucagon	None	-	-	TA	TA	TA
15	Glycoprotein IIb/IIIa Inhibitors	None	-	-	-	TA	TA

Table 3A: Agents Eligible for Administration and Monitoring during an Interfacility Transport**KEY:**

TA = Transport agent that may be administered by an EMCT if approved by administrative medical director

IP = Agent shall be administered by infusion pump

SVN = Agent shall be administered by small volume nebulizer

* = maintenance infusion only

	AGENT	MINIMUM SUPPLY	EMT	AEMT	EMT-I (99)	Paramedic	Paramedic with Critical Care Endorsement
16	H2 Blockers	None	-	-	TA	TA	TA
17	Heparin Na IP	None	-	-	-	TA	TA
18	Insulin IP	None	-	-	-	TA	TA
19	Lidocaine IP	None	-	-	TA	TA	TA
20	Magnesium Sulfate IP	None	-	-	-	TA	TA
21	Midazolam IP	None	-	-	TA	TA	TA
22	Morphine IP	None	-	-	TA	TA	TA
23	N-acetylcysteine IP*	None	-	-	-	TA	TA
24	Nitroglycerin IV Solution IP	None	-	-	-	TA	TA
25	Norepinephrine IP	None	-	-	-	TA	TA
26	Octreotide IP	None	-	-	-	TA	TA
27	Pantoprazole IP	None	-	-	-	TA	TA
28	Phenobarbital Na IP	None	-	-	-	TA	TA
29	Potassium Salts IP	None	-	-	-	TA	TA
30	Procainamide HCl IP	None	-	-	-	TA	TA
31	Propofol IP	None	-	-	-	TA	TA
32	Racemic Epinephrine SVN	None	-	-	-	TA	TA
33	Total Parenteral Nutrition, with or without lipids IP	None	-	-	-	TA	TA
34	Vitamins	None	-	-	TA	TA	TA

Agenda item III.G. Green highlighter for Paramedic with Critical Care Endorsement

Table 3B: Agents Eligible for Administration and Monitoring in a Hospital Setting

KEY:

HA = Hospital agent that may be administered by an EMCT if approved by administrative medical director

IP = Agent shall be administered by infusion pump

SVN = Agent shall be administered by small volume nebulizer

* = maintenance infusion only

	AGENT	MINIMUM SUPPLY	EMT	AEMT	EMT-I (99)	Paramedic	Paramedic with Critical Care Endorsement
1	Antibiotics	None	-	-	-	HA	HA
2	Blood	None	-	-	-	HA	HA
3	Bumetanide	None	-	-	-	HA	HA
4	Dobutamine IP — fixed rate	None	-	-	-	HA	HA
5	Electrolytes/Crystalloids (Commercial Preparations)	None	-	-	-	HA	HA
6	Fosphenytoin Na IP	None	-	-	-	HA	HA
7	Furosemide	None	-	-	-	HA	HA
8	H2 Blockers	None	-	-	-	HA	HA
9	Heparin Na IP	None	-	-	-	HA	HA
10	Insulin IP	None	-	-	-	HA	HA
11	Insulin subcutaneous	None	-	-	-	HA	HA
12	Ketorolac	None	-	-	-	HA	HA
13	Labetalol	None	-	-	-	HA	HA
14	Levetiracetam IP	None	-	-	-	HA	HA
15	Metoprolol IV	None	-	-	-	HA	HA
16	Metoprolol Tartrate Tablet	None	-	-	-	HA	HA
17	Monoclonal Antibodies	None	-	-	-	HA	HA
18	N-acetylcysteine IP*	None	-	-	-	HA	HA
19	Octreotide IP	None	-	-	-	HA	HA
20	Pantoprazole	None	-	-	-	HA	HA
21	Potassium Salts IP — fixed rate	None	-	-	-	HA	HA
22	Remdesivir	None	-	-	-	HA	HA
23	Total Parenteral Nutrition, with or without lipids IP	None	-	-	-	HA	HA
24	Vitamins	None	-	-	-	HA	HA

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