

ADVOCATE ILLINOIS MASONIC MEDICAL CENTER JOHN H. STROGER JR. HOSPITAL OF COOK COUNTY NORTHWESTERN MEMORIAL HOSPITAL UNIVERSITY OF CHICAGO MEDICAL CENTER

DATE: June 21, 2022

TO: Region 11 EMS Providers Region 11 EMS Participating Hospitals

FROM: REGION 11 EMS MEDICAL DIRECTORS CONSORTIUM

SUBJECT: UPDATE TO REGION 11 DRUG, EQUIPMENT AND SUPPLY (DES) LIST

The Region 11 Drug, Equipment, and Supply (DES) List provides the current and minimum required items to be carried on all BLS and ALS units that operate under the Chicago EMS System. As an update to this list, the following changes have been made to align with the upcoming "Medication Administration Update 2022". Overall, the "Alternative Medications Used During Drug Shortages" section was removed, epinephrine glass ampules have been replaced by epinephrine vials, the pink and yellow size intraosseous (IO) needles have been added with removal of the manual IO and other minor updates.

Medications

- Removed morphine as a pain management alternative during times of shortage
- Removed lorazepam and diazepam as alternatives during times of shortage
- Reinforcement of Dextrose 10% for treatment of hypoglycemia (D50 previously removed from DES)
- Removed "ampule" from Epinephrine in the Epi Kit section, replaced with "vial"
- Removed "ampule" from 1:1000 Epinephrine, replaced with "vial"

Medication Administration

- Added Needles, 23 Gauge x 1 inch
- Added Needles, 23 Gauge x 1.5 inch
- Removed "15 gauge IO needle sherwood or jam shidi"
- Revised EZ-IO Driver to indicate Private Provider Replacement as optional additional equipment
- Added "EZ-IO Needle, Pink (15mm) + Stabilizer Kit". Quantity 1, Hospital Replacement, ALS
- Revised "EZ-IO Needle, Blue" to include the addition of "(25 mm) + Stabilizer Kit".
- Added "EZ-IO Needle Yellow (45 mm) + Stabilizer Kit". Quantity 1, Hospital Replacement, ALS

Region 11 EMS Provider Agencies should update their inventory lists accordingly. Region 11 EMS Participating Hospitals are required to replace items as referenced on the DES List.

The current DES List is posted on the Region 11 website: <u>https://chicagoems.org/ems-drug-equipment-and-supply-list-des/</u>. The enclosed updates will be effective August 1, 2022.

Please contact your Resource Hospital with questions.

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MARKUC

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Enclosed: Updated Region 11 Drug, Equipment and Supply (DES) List – Effective August 1, 2022

Copy to: Kathryn 'KC' Booth RN, EMS System Coordinator, Advocate Illinois Masonic Medical Center Cyd Gajewski RN, EMS System Coordinator, University of Chicago Medical Center Patricia Lindeman RN, EMS System Coordinator, Northwestern Memorial Hospital Shannon Ziolkowski RN, EMT-P, EMS System Coordinator, John H. Stroger, Jr. Hospital of Cook County

REGION 11 CHICAGO EMS SYSTEM REQUIRED DRUG, EQUIPMENT AND SUPPLY (DES) INVENTORY



REGION 11 CHICAGO EMS SYSTEM REQUIRED DRUG, EQUIPMENT AND SUPPLY (DES) INVENTORY

ALL EXCHANGE ITEMS MUST BE IMMEDIATELY AVAILABLE TO THE EMERGENCY CARE PERSONNEL SO AS NOT TO DELAY THEIR RETURN TO SERVICE.

APPROVAL OF SIMILAR TYPE EQUIPMENT MUST BE MADE BY THE EMS MEDICAL DIRECTORS CONSORTIUM

The following items must be made available to the emergency care personnel for use and exchange in the event a patient with a suspected communicable disease had been transported:

- * Cleaning detergent -- low sudding, neutral pH
- Disinfectant solution in compliance with OSHA Standards

The number in the "No. of items" column indicates the minimum quantity of the drug, supply or exchange equipment that must be carried on each Ambulance in Region 11.

"X"s in the indicated columns convey the following meanings:

HOSPITAL: It is the responsibility of the Participating Hospital to replace the drug, supply or exchange the equipment item as indicated.

<u>PROVIDER - Private</u>: It is the responsibility of the Provider to replace the drug, supply or exchange the equipment item indicated.

<u>Provider - CFD</u>: This piece of equipment is unique to the Chicago Fire Department. The CFD is the only provider in the system required to have this drug, supply or piece of equipment in their inventory. The CFD is responsible for the replacement of this item.

CONTROLLED SUBSTANCE: These drugs are controlled substances.

No. Or.	Hoon	Provid Replace	Prove - Priner	BLO CFD C PODACAL	ALS Replacement	Control	
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3				^			
1							
3							
6	X						
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1	X			Х	X		
2	X			X X	X		
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1	Х				Х		
2	Х			Х	Х		
1	Х				Х		
2	Х				Х		

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	Х			Х	
	Х			Х	
	Х			Х	
	Х			Х	
	Х			Х	
		Х	Х	Х	
		Х	Х	Х	

MEDICATIONS

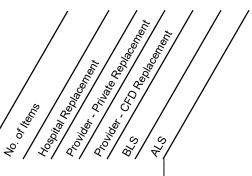
Adenosine, 6 mg / 2 ml, injection, prefilled syringe or vial Albuterol, 0.083%, 2.5 mg / 3 ml, inhalation, vial Amiodarone, 150 mg / 3 ml, injection, vial Aspirin, 81 mg, chewable, bottle Atropine Sulfate, 1 mg / 10 ml, injection, prefilled syringe Calcium Chloride, 10%, 1 gram / 10 ml, injection, prefilled syringe Dextrose, 10%, 25 grams / 250 ml water OR 50 grams / 500 ml water, injection Diphenhydramine HCI (Benadryl), 50 mg / 1 ml, injection, vial Epinephrine 1:1,000 (1 mg / ml), injection, vial Epinephrine 1:10,000 (0.1 mg / ml), injection, prefilled syringe Fentanyl citrate (Sublimaze), 100 mcg / 2 ml, injection, vial Glucagon (GlucaGen), 1 mg solvent with 1 ml solute (kit only), injection Glucose Gel (Glutose 15), Net weight of gel 37.5 grams, oral, tube Ipratropium Bromide (Atrovent), 0.5 mg / 3 ml, inhalation, vial Midazolam (Versed), 10 mg / 2 ml, injection, vial Ondansetron (Zofran), 4 mg / 2 ml, injection, vial Ondansetron (Zofran), 4 mg, oral disintegrating tablet (ODT) Naloxone (Narcan), 2 mg / 2 ml, injection, prefilled syringe Nitroglycerin (Nitrostat), 0.4 mg, sublingual tablets, bottle Sodium Bicarbonate, 8.4%, 50 mEq / 50 ml, injection, prefilled syringe

Region 11 Approved Intramuscular (IM) Epinephrine Kit (containing at minimum):

- 2 Epinephrine 1:1,000 (1 mg / ml), vial
- 2 23 gauge needle (1 inch)
- 2 Syringes, 1 ml
- 2 Alcohol wipes
- 2 Packages of 2X2 gauze bandages
- 2 Band-Aids

^J Substance

- 1 Measuring tape device
- 1 Pouch or small bag/container to hold kit contents



2 ea.	Х			Х	Х
1 ea.	Х			Х	Х
1	Х			Х	Х
1	Х			Х	Х
1	Х			Х	Х
1	Х			Х	Х
1	Х			Х	Х
1	Х			Х	Х
4	Х			Х	Х
1		Х	Х		Х
1		Х	Х		Х

1 ea.

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Х

AIRWAY MANAGEMENT

AIRWAY & VENTILATION EQUIPMENT

Airway, Oropharyngeal (Sizes: 00/40mm, 0/50mm, 1/60mm, 2/70mm, 3/80mm, 4/90mm, 5/100mm) Airway, Nasopharyngeal (Sizes: 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34 French)

i-gel Surpraglottic Airway, Size 1.5 (Infant)

i-gel Surpraglottic Airway, Size 2 (Pediatric - Small)

i-gel Surpraglottic Airway, Size 2.5 (Pediatric - Large)

i-gel Surpraglottic Airway Resus Pack, Size 3 (Adult - Small)

i-gel Surpraglottic Airway Resus Pack, Size 4 (Adult - Medium)

i-gel Surpraglottic Airway Resus Pack, Size 5 (Adult - Large)

Water based lubricant (single packet)

Magill Forceps, Adult

Magill Forceps, Pediatric

INTUBATION

Х

Х

Х

Х

Х

Х

Х

Х

Х

Х

Х

Endotracheal Tube, sterile, cuffed (Sizes: 3.0 mm, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0) Stylet, Adult

Stylet, Pediatric

Airway Tube Holder

Laryngoscope Handle, with fiber optic and/or LED light source (disposable)

1 Miller Straight Laryngoscope Metal Blade (disposable)

2 Miller Straight Laryngoscope Metal Blade (disposable)

3 Miller Straight Laryngoscope Metal Blade (disposable)

#2 Macintosh Curved Laryngoscope Metal Blade (disposable)

#3 Macintosh Curved Laryngoscope Metal Blade (disposable)

#4 Macintosh Curved Laryngoscope Metal Blade (disposable)

OXYGEN ADMINISTRATION

3	Х		Х	Х	
3	Х		Х	Х	
2	Х		Х	Х	
2	Х		Х	Х	
2	Х		Х	Х	

Х Х 1 Х Х 4 Х Х Х Х 1 Х Х Х Х Х Х 2 Х Х Х Х Х Х 1 Х Х Х Х 1

1	Х		Х	Х
1	Х		Х	Х
1	Х		Х	Х
1	Х		Х	Х

2 each	Х			Х	Х
3	Х			Х	Х
2	Х			Х	Х
2		Х	Х	Х	Х
1		Х	Х	Х	Х
1		Х	Х	Х	Х

VENTILATION

Adult Size Bag-Valve-Mask Ventilation Unit, with transparent adult mask Child Size Bag-Valve-Mask Ventilation Unit, with transparent child mask Infant Size Bag-Valve-Mask Ventilation Unit, with transparent infant mask Transparent Neonatal Mask

SUCTION

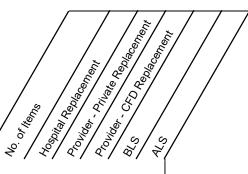
Suction Catheters, sterile, single use with thumb suction control port (Sizes 6, 8, 10, 12, 14, 16, 18 French)
Semi-rigid Pharyngeal Suction Tips (Yankauer)
Suction Connecting Tubing
Suction Cannisters, 1000 ml (or larger)
Portable Suction Unit
Onboard Suction Device

Nasal Cannula, Adult Nasal Cannula, Pediatric Non-Rebreather Mask, Adult

Non-Rebreather Mask, Pediatric Simple Face Mask, Infant

OXYGEN EQUIPMENT

Main (On-Board) Oxygen Cylinder (Size H, K or M) Portable Oxygen Cylinder (Size D or E) Oxygen Regulator Seal (O-Ring) Adaptor for Oxygen Tubing (on-board and portable) Oxygen Tank Key Dial Flow Meter / Regulator for 25 LPM



AIRWAY & VENTILATION EQUIPMENT (CONTINUED)

2	Х				Х
2	Х				Х
1	Х				Х
2	Х			Х	Х
1	Х			Х	Х
1	Х			Х	Х
2		Х	Х	Х	Х

<u>OTHER</u>

Adapter for In-Line Nebulization, 22 mm to 14 mm I.D.

Adapter for In-Line Nebulization, 22 mm to 22 mm I.D.

CPAP Mask - Flow Safe II EZ Deluxe (adult)

Nebulizer (Acorn Type) with T-Piece Adapter, Oxygen Tubing, Mouthpiece and Flextube

Physio Control Quik-Combo Pacing/Defibrillation/ECG Electrodes (Adult) - CFD Physio Control Quik-Combo Pacing/Defibrillation/ECG Electrodes (Pediatric) - CFD

Aerosol Mask, Adult (for nebulization)

Aerosol Mask, Pediatric (for nebulization)

Viral/Bacterial Filter (22 mm X 15mm / 22 mm OD)

ASSESSMENT EQUIPMENT

BLOOD PRESSURE

Stethoscope Pediatric Stethoscope

CARDIAC

Rolls of ECG Paper

Disposable Razor

Blood Pressure Cuff, Large Adult Blood Pressure Cuff, Adult Blood Pressure Cuff, Child Blood Pressure Cuff, Infant

AED with Adult and Pediatric Pads Patient Cables: 4 lead and 12 lead

Electrodes, Monitoring, Adult, Set of 3 Electrodes, Monitoring, Pediatric, Set of 3

Zoll Electrode Pads (Adult) - Private Provider Zoll Electrode Pads (Pediatric) - Private Provider

1	Х	Х	Х	Х
1	Х	Х	Х	Х
1	Х	Х	Х	Х
1	Х	Х	Х	Х
2	Х	Х	Х	Х
1	Х	Х	Х	Х
1	Х	Х	Х	Х

1		Х	Х		Х
1		Х	Х	Х	
1		Х	Х		Х
2		Х			Х
4	Х				Х
4	X X				Х
2					Х
2	Х				Х
2		Х			Х
2		Х			Х
2	Х			Х	Х

1		Х	Х	Х	Х
1		Х	Х	Х	Х
1		Х	Х	Х	Х
6	Х				Х
1		Х	Х		Х
2	Х				Х
2		X			X

OTHER Penlight

Glucometer with lancets, alcohol swabs, test strips, band-aids Portable Pulse Oximeter Masimo Neonatal / Adult Pulse Oximeter Adhesive Sensor CO Reusable Sensor End-Tidal CO2 Filter Line Sets, disposable, Physio Control End-Tidal CO2 Airway Adapter Kit, Zoll

Gauge(s) for Blood Pressure Cuffs, appropriately calibrated

Cardiac Monitor / Defibrillator with Spare Battery

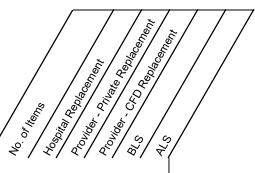
TRAUMA EQUIPMENT

2	Х			Х	Х
2	Х			Х	Х
1			Х	Х	Х
10	Х			Х	Х
20	Х			Х	Х
6	Х			Х	Х
2	Х			Х	Х
6	Х			Х	Х
2		Х	Х	Х	Х
2	Х			Х	Х
2	Х			Х	Х

DRESSINGS Elastic Bandages, 4" (ACE Wrap) Elastic Bandages, 6" (ACE Wrap) Hyfin Vented Chest Seal - twin pack Gauze, soft, self-adhering (4" x 5 yards) - Kerlix Gauze Pads, 4" x 4", sterile ABD Dressings, 5" x 9" Vaseline Gauze, 4" x 6" or 3" x 9" Trauma Dressing (12" x 30") Burn Sheets, individually wrapped Adhesive Tape Roll, 1" Adhesive Tape Roll, 2"

REGION 11 CHICAGO EMS SYSTEM MASTER DES LIST: HOSPITAL, PROVIDER, and CFD Approved: EMS Medical Directors Consortium Effective: August 1, 2022

TRAUMA EQUIPMENT (CONTINUED)



2		Х	Х	Х
2		Х	Х	Х
2	Х		Х	Х
2		Х	Х	Х

1	Х			Х	Х
1	Х			Х	Х
2		Х	Х	Х	Х
2		Х	Х	Х	Х
2		Х	Х	Х	Х
2		Х	Х	Х	Х
5	Х			Х	Х

2	Х		Х	Х
2			Х	Х
2	Х		Х	Х
2	Х		Х	Х
1	Х		Х	Х
2	Х		Х	Х
1	X		X	X

2000ml	Х			Х	Х
1	Х			Х	Х
1		Х	Х	Х	Х
1		Х	Х	Х	Х
2	Х				Х
2	Х				Х

HEMORRHAGE CONTROL

Pressure Dressing - Emergency (Israeli) Bandage, 6" Pressure Dressing - Emergency Trauma Dressing (ETD), 4" Tourniquet - CAT Quickclot EMS Rolled Gauze Hemostatic Dressing or Combat Gauze

SPLINTING

Leg Traction Device, Adult Size, (Hare or approved similar device) Leg Traction Device, Pediatric Size, (Hare or approved similar device) Extremity Splints, Adult, Long Extremity Splints, Adult, Short Extremity Splints, Pediatric, Long Extremity Splints, Pediatric, Short Triangle Bandage or Arm Slings

EXTRICATION

Long Spine Board, with 3 sets of torso straps Spider Straps (or similar device) Cervical Collar, Adult, Adjustable (either StifNeck Select by Laerdal or Ambu) Cervical Collar, Pediatric, (either StifNeck Select by Laerdal or Ambu) Cervical Collar, Infant (if pediatric collars are non-adjustable) Blanket Rolls or Disposable Head Immobilization Device KED Device, straps, case

OTHER

Sterile Solution (Normal Saline) for Irrigation, plastic bottles for a total of 2,000 ml Sterile water (for drinking), plastic bottle, 1000 ml Trauma Shears Triage Tags, (Disaster Tags), SMART, package

ARS (Air Release System) Kit or 14 gauge X 3.25" angiocatheter

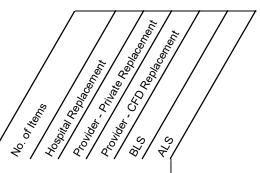
16 - 18 gauge X 1.5 - 2 inch , catheter-over-needle device (pediatric)

MEDICATION ADMINISTRATION

INTRAVENEOUS

4	Х				Х
4	Х				Х
4 ea.	Х				Х
5	X X				X X
2	Х				Х
5	Х				Х
5	Х				Х
5	Х				Х
5	Х				Х
2	Х				Х
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2	Х				Х
1	Х			Х	Х
1	X X X			Х	X X X X
5	Х				Х
2		Х	Х	Х	
3	Х				Х

0.9% Sodium Chloride IV Solution, plastic bag, 1000 ml IV Tubing, Macrodrip, 10 drops/mL, needleless connector and split septum port IV Catheter (14, 16, 18, 20, 22, 24 gauge), catheter-over-needle device, 1 - 2 inches Saline Locks **Needleless Hub Device** Needles, 18 Gauge x 1.5 inch Needles, 23 Gauge x 1 inch Needles, 23 Gauge x 1.5 inch Needles, 25 Gauge x 5% inch Syringes, 1 ml Syringes, 3ml Syringes, 10 ml Padded Armboards Tourniquets Box of Alcohol Prep Pads, disposable Box of Band-Aids, 1" width IV Dressing (Tegaderm or similar type) IV Holders or Hooks, such as: ceiling mounted or perko clips Saline Flush - 0.9% Sodium Chloride Injection, 10 mL, pre-filled syringe



11						
	Х	Х	Х		1	
E	Х			Х	1	
E	Х			Х	2	
E	Х			Х	1	

NTRAOSSEOUS

Z-IO Driver

EZ-IO Needle, Pink (15mm) + Stabilizer Kit EZ-IO Needle, Blue (25 mm) + Stabilizer Kit EZ-IO Needle, Yellow (45mm) + Stabilizer Kit

OTHER

X

Х

Х

Mucosal Atomization Device (MAD) **Buretrol Infusion Set**

OBSTETRIC / PEDIATRIC EQUIPMENT

MEDICATION ADMINISTRATION (CONTINUED)

2	Х			Х	Х
1	Х			Х	Х
1	Х			Х	Х
1	Х			Х	Х
1	Х			Х	Х
1		Х	Х		Х
1		Х	Х		Х

X

Х

1

Obstetrical Kit, sterile, disposable Cap, (Stockinette) for newborn infant Gloves, Sterile, Pair, Size 7 or 7.5 Gloves, Sterile, Pair, Size 8 or 8.5 Silver Swaddler (or) Baby Bunting Region 11 EMS Pediatric Resuscitation Chart Broselow Tape (current version - 2019)

PERSONAL PROTECTIVE EQUIPMENT (PPE)

1	Х		Х	Х	Х
2	Х		Х	Х	Х
2	Х		Х	Х	Х
10	Х		Х	Х	Х
2		Х	Х	Х	Х

Gloves, Non-Sterile, disposable, box Isolation Gowns, Long Sleeve N-95 Masks, NIOSH Approved Face Mask (Surgical), disposable Safety Glasses, Splash Protective (or) Goggles

INFECTION CONTROL EQUIPMENT

1	Х			Х	Х
1		Х	Х	Х	Х
1		Х	Х	Х	Х
1		Х	Х	Х	Х
1	Х			Х	Х

BioHazard Bag Paper Towels, roll or package of C-fold type Sharps Container, puncture resistant Hand Sanitizer Topical Germicide, bottle

PATIENT TRANSPORT EQUIPMENT

1		Х	Х	Х	Х
1		Х	Х	Х	Х
1		Х	Х	Х	Х
1		Х	Х	Х	Х
2	Х			Х	Х
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2	Х			Х	Х
4		Х	Х	Х	Х

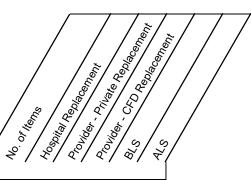
Patient Stretcher, with 3 sets of straps and over-shoulder straps Chair Stretcher, with 3 sets of straps Scoop Stretcher, including manufacture required safety restraints Car Seat or Pedi-Mate Pediatric Restraint System Cot Sheets Blankets Pillow and pillow cases Restraints (two pair, arm and leg, for four-point restraint)

COMMUNICATION EQUIPMENT

1	Х	Х	Х	Х
1	Х	Х	Х	Х
1	Х	Х	Х	Х
10	Х	Х	Х	Х
1	Х	Х	Х	Х

Ambulance to Hospital Telemetry Radio **Cellular Telephone** Electronic Patient Care Report Documentation Device Paper Documentation Back-Up (Region 11 EMS approved form)

UHF Portable Radio with Carrying Case and Remote Speaker / Microphone



1 Х Х Х Х Х Х 1 Х 6 Х Х Х 6 Х Х Х 1 Х Х Х 2 Х Х Х Х 1 Х Х Х Х 2 Х Х Х 1 Х Х Х Х 1 Х Х Х Х Х 1 Х Х Х Х Х 1 Х Х 1 Х Х Х Х Х Х Х 1 Х 1 Х Х Х 1 Х Х Х Х

OTHER EQUIPMENT Body Bag, disposable Bedpan Cold Packs Convenience Bags OR Emesis Basin Facial Tissue, box Fire Extinguishers (5 lbs) Flashlight w/Batteries Hot Packs Sign / Sticker, IDPH "Complaint Hotline" Sign / Sticker, "Illinois Poison Center" Sign / Sticker, "No Smoking" Sign / Sticker, "Seat Belt Required" Sign / Sticker, IDOT "Safety Inspection" on windshield Region 11 EMS Protocols, Policies and Procedures - Electronic Access Urinal Wrecking bar (24" minimum)