



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

DATE: May 8, 2024
TO: Region 11 EMS Participating Hospitals
FROM: **REGION 11 EMS MEDICAL DIRECTORS CONSORTIUM**
SUBJECT: **UPDATES TO THE REGION 11 EMS 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 Systems. To align with upcoming EMS System education updates, the regional DES List has been updated accordingly. Participating hospitals are required to restock medication and equipment for EMS agencies.

Medications

- ADDED: Tranexamic Acid (TXA), 1000 mg / 10 ml (1 gram), injection, vial, quantity 2 as a hospital replacement item for ALS

Assessment Equipment

- ADDED: Zoll Adult CPR Stat Padz, quantity 2 as a hospital replacement item for BLS and ALS
- ADDED: Zoll One Step Pediatric CPR Padz, quantity 2 as a hospital replacement item for ALS
- ADDED: Microstream Advance Adult-Pediatric Intubated CO2 Filter Line, quantity 2 as a hospital replacement item for ALS

The current DES List is posted on the Region 11 website: <https://chicagoems.org/ems-drug-equipment-and-supply-list-des/>. **The enclosed updates will be effective July 1, 2024.**

Please contact your Resource Hospital with questions.

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Enclosed: Complete List of Changes to the Region 11 EMS Drug, Equipment and Supply (DES) List - Effective July 1, 2024
Region 11 EMS Drug, Equipment and Supply (DES) List – Effective July 1, 2024

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Region 11 (Chicago) EMS Drug, Equipment and Supply (DES) List Changes Effective: July 1, 2024

Medications

- ADDED: Tranexamic Acid (TXA), 1000 mg / 10 ml (1 gram), injection, vial, quantity 2 as a hospital replacement item for ALS

Assessment Equipment – Cardiac

- REMOVED: Physio Control Quik-Combo Pacing/Defibrillation/ECG Electrodes (Adult) – CFD
- REMOVED: Physio Control Quik-Combo Pacing/Defibrillation/ECG Electrodes (Pediatric) – CFD
- REMOVED: Zoll Electrode Pads (Adult) - Private Provider
- REMOVED: Zoll Electrode Pads (Pediatric) - Private Provider
- ADDED: Zoll Adult CPR Stat Padz, quantity 2 as a hospital replacement item for BLS and ALS
- ADDED: Zoll One Step Pediatric CPR Padz, quantity 2 as a hospital replacement item for ALS
- ADDED: Zoll Pedi-padz II (Pediatric AED), quantity 1 as a provider replacement item for BLS

Assessment Equipment – Other

- REMOVED: End-Tidal CO2 Filter Line Sets, disposable, Physio Control
- REMOVED: End-Tidal CO2 Airway Adapter Kit, Zoll
- ADDED: Microstream Advance Adult-Pediatric Intubated CO2 Filter Line, quantity 2 as a hospital replacement item for ALS

Trauma Equipment – Hemorrhage Control

- REVISED: Pressure Dressing - Emergency (Israeli) Bandage, 6" to Pressure Dressing 6" (Emergency Trauma Dressing or Israeli Bandage)
- REVISED: Pressure Dressing - Emergency Trauma Dressing (ETD), 4" to Pressure Dressing 4" (Emergency Trauma Dressing or Israeli Bandage)



Trauma Equipment – Splinting

- ADDED: “moldable – SAM or equivalent” to all four extremity splint lines

Trauma Equipment – Other

- REVISED: 16 - 18 gauge X 1.5 - 2 inch , catheter-over-needle device (pediatric) to 16 - 18 gauge X 1.5 - 2 inch, catheter-over-needle device (for pediatric pleural decompression)

**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

In the event of transport of a patient with a suspected communicable disease, the following items must be made available to the EMT or paramedic for use:

- * An EPA-registered disinfectant or surface disinfectant wipes
- * Additional ambulance cleaning supplies as needed

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 EMS vehicle 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.

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

Provider - CFD: 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. of Items	Hospital Replacement	Provider - Private Replacement	Provider - CFD Replacement	BLS	ALS	Controlled Substance
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MEDICATIONS

3	X				X		Adenosine, 6 mg / 2 ml, injection, prefilled syringe or vial
3	X			X	X		Albuterol, 0.083%, 2.5 mg / 3 ml, inhalation, vial
3	X				X		Amiodarone, 150 mg / 3 ml, injection, vial
1	X			X	X		Aspirin, 81 mg, chewable, bottle
3	X				X		Atropine Sulfate, 1 mg / 10 ml, injection, prefilled syringe
1	X				X		Calcium Chloride, 10%, 1 gram / 10 ml, injection, prefilled syringe
1	X				X		Dextrose, 10%, 25 grams / 250 ml water OR 50 grams / 500 ml water, injection
1	X				X		Diphenhydramine HCl (Benadryl), 50 mg / 1 ml, injection, vial
3	X				X		Epinephrine (Adrenalin) 1:1,000 (1 mg / ml), injection, vial
6	X				X		Epinephrine 1:10,000 (0.1 mg / ml), injection, prefilled syringe
1	X				X	X	Fentanyl citrate (Sublimaze), 100 mcg / 2 ml, injection, vial
1	X				X		Glucagon (GlucaGen), 1 mg solvent with 1 ml solute (kit only), injection
1	X			X	X		Glucose Gel (Glucose 15), Net weight of gel 37.5 grams, oral, tube
2	X			X	X		Ipratropium bromide (Atrovent), 0.5 mg / 3 ml, inhalation, vial
2*	X				X	X	Midazolam (Versed), 10 mg / 2 ml, injection, vial
1	X				X		Ondansetron (Zofran), 4 mg / 2 ml, injection, vial
1	X				X		Ondansetron (Zofran), 4 mg, oral disintegrating tablet (ODT)
2	X			X	X		Naloxone (Narcan), 2 mg / 2 ml, injection, prefilled syringe
1	X				X		Nitroglycerin (Nitrostat), 0.4 mg, sublingual tablets, bottle
2	X				X		Sodium Bicarbonate, 8.4%, 50 mEq / 50 ml, injection, prefilled syringe
2	X				X		Tranexamic Acid (TXA), 1000 mg / 10 ml (1 gram), injection, vial
1			X		X**		Hydroxocobalamin (Cyanokit), 5 gram vial reconstituted with 200 ml of 0.9% Sodium Chloride, infusion

1						
	X			X		
	X			X		
	X			X		
	X			X		
	X			X		
	X			X		
	X			X		
		X	X	X		
		X	X	X		

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

- 2 - Epinephrine (Adrenalin) 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
- 1 - Measuring tape device
- 1 - Pouch or small bag/container to hold kit contents

* ALS Non-Transport = 1
 **Ambulance Only

No. of Items	Hospital Replacement	Provider - Private Replacement	Provider - CFD Replacement	BLS	ALS
2 ea.	X			X	X
1 ea.	X			X	X
1	X			X	X
1	X			X	X
1	X			X	X
1	X			X	X
1	X			X	X
1	X			X	X
1	X			X	X
1	X			X	X
1	X			X	X
4	X			X	X
1		X	X		X
1		X	X		X

AIRWAY & VENTILATION EQUIPMENT

AIRWAY MANAGEMENT

Airway, Oropharyngeal (Sizes: 0/50mm, 1/60mm, 2/70mm, 3/80mm, 4/90mm, 5/100mm)
 Airway, Nasopharyngeal (Sizes: 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34 French)
 i-gel Supraglottic Airway, Size 1 (Neonate)
 i-gel Supraglottic Airway, Size 1.5 (Infant)
 i-gel Supraglottic Airway, Size 2 (Pediatric - Small)
 i-gel Supraglottic Airway, Size 2.5 (Pediatric - Large)
 i-gel Supraglottic Airway O2 Resus Pack, Size 3 (Adult - Small)
 i-gel Supraglottic Airway O2 Resus Pack, Size 4 (Adult - Medium)
 i-gel Supraglottic Airway O2 Resus Pack, Size 5 (Adult - Large)
 Water based lubricant (single packet)
 Magill Forceps, Adult
 Magill Forceps, Pediatric

INTUBATION

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

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

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

1 ea.	X				X
1	X				X
1	X				X
2	X				X
2		X	X		X
1		X	X		X
1		X	X		X
1		X	X		X
1		X	X		X
1		X	X		X
1		X	X		X

3	X			X	X
3	X			X	X
2	X			X	X
2	X			X	X
2	X			X	X

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

1	X			X	X
1	X			X	X
1	X			X	X
1	X			X	X

2 each	X			X	X
3	X			X	X
2	X			X	X
2		X	X	X	X
1		X	X	X	X
1		X	X	X	X

No. of Items	Hospital Replacement	Provider - Private Replacement	Provider - CFD Replacement	BLS	ALS
2	X				X
2	X				X
1	X				X
2	X			X	X
1	X			X	X
1	X			X	X
2		X	X	X	X

AIRWAY & VENTILATION EQUIPMENT (CONTINUED)

OTHER

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
 Aerosol Mask, Adult (for nebulization)
 Aerosol Mask, Pediatric (for nebulization)
 Viral/Bacterial Filter (22 mm X 15mm / 22 mm OD)

ASSESSMENT EQUIPMENT

BLOOD PRESSURE

1		X	X	X	X	Blood Pressure Cuff, Large Adult
1		X	X	X	X	Blood Pressure Cuff, Adult
1		X	X	X	X	Blood Pressure Cuff, Child
1		X	X	X	X	Blood Pressure Cuff, Infant
2		X	X	X	X	Stethoscope
1		X	X	X	X	Pediatric Stethoscope
1		X	X	X	X	Gauge(s) for Blood Pressure Cuffs, appropriately calibrated

CARDIAC

1		X	X		X	Cardiac Monitor / Defibrillator with Spare Battery
1		X	X	X		AED with Adult and Pediatric Pads
1		X	X		X	Patient Cables: 4 lead and 12 lead
2		X			X	Rolls of ECG Paper
4	X				X	Electrodes, Monitoring, Adult, Set of 3
4	X				X	Electrodes, Monitoring, Pediatric, Set of 3
2	X			X	X	Zoll Adult CPR Stat Padz
2	X				X	Zoll One Step Pediatric CPR Padz
1		X	X	X		Zoll Pedi-padz II (Pediatric AED)
2	X			X	X	Disposable Razor

OTHER

1		X	X	X	X	Penlight
1		X	X	X	X	Glucometer with lancets, alcohol swabs, test strips, band-aids
1		X	X	X	X	Pulse Oximetry with Adult and Pediatric Sensors
6	X				X	Masimo Neonatal / Adult Pulse Oximeter Adhesive Sensor
1		X	X		X	CO Reusable Sensor
2	X				X	Microstream Advance Adult-Pediatric Intubated CO2 Filter Line

TRAUMA EQUIPMENT

DRESSINGS

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

No. of Items	Hospital Replacement	Provider - Private Replacement	Provider - CFD Replacement	BLS	ALS
2		X	X	X	
2		X	X	X	
2	X		X	X	
2		X	X	X	

TRAUMA EQUIPMENT (CONTINUED)

HEMORRHAGE CONTROL

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

SPLINTING

1	X			X	X	Leg Traction Device, Adult Size, (Hare or approved similar device)
1	X			X	X	Leg Traction Device, Pediatric Size, (Hare or approved similar device)
2		X	X	X	X	Extremity Splints, Adult, Long (moldable - SAM or equivalent)
2		X	X	X	X	Extremity Splints, Adult, Short (moldable - SAM or equivalent)
2		X	X	X	X	Extremity Splints, Pediatric, Long (moldable - SAM or equivalent)
2		X	X	X	X	Extremity Splints, Pediatric, Short (moldable - SAM or equivalent)
5	X			X	X	Triangle Bandage or Arm Slings

EXTRICATION

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

OTHER

2000ml	X			X	X	Sterile Solution (Normal Saline) for Irrigation, plastic bottles for a total of 2,000 ml
1	X			X	X	Sterile water (for drinking), plastic bottle, 1000 ml
1		X	X	X	X	Trauma Shears
1		X	X	X	X	Triage Tags, (Disaster Tags), SMART, package
1		X	X	X	X	Region 11 Modified START/JumpSTART Triage Algorithm Card (current version: 2020)
2	X				X	ARS (Air Release System) Kit or 14 gauge X 3.25" angiocatheter
2	X				X	16 - 18 gauge X 1.5 - 2 inch, catheter-over-needle device (for pediatric pleural decompression)

MEDICATION ADMINISTRATION

INTRAVENEOUS

4	X				X	0.9% Sodium Chloride IV Solution, plastic bag, 1000 ml
4	X				X	IV Tubing, Macrodrip, 10 drops/mL, needleless connector and split septum port
4 ea.	X				X	IV Catheter (14, 16, 18, 20, 22, 24 gauge), catheter-over-needle device, 1 - 2 inches
5	X				X	Saline Locks
2	X				X	Needleless Hub Device
5	X				X	Needles, 18 Gauge x 1.5 inch
5	X				X	Needles, 23 Gauge x 1 inch
5	X				X	Needles, 23 Gauge x 1.5 inch
5	X				X	Needles, 25 Gauge x 5/8 inch
2	X				X	Syringes, 1 ml
2	X				X	Syringes, 3ml
2	X				X	Syringes, 10 ml
2	X				X	Padded Armboards
2	X				X	Tourniquets
1	X			X	X	Box of Alcohol Prep Pads, disposable
1	X			X	X	Box of Band-Aids, 1" width
5	X				X	IV Dressing (Tegaderm or similar type)
2		X	X	X	X	IV Holders or Hooks, such as: ceiling mounted or perko clips
3	X				X	Saline Flush - 0.9% Sodium Chloride Injection, 10 mL, pre-filled syringe

No. of Items	Hospital Replacement	Provider - Private Replacement	Provider - CFD Replacement	BLS	ALS
1		X	X		X
1	X				X
2	X				X
1	X				X

MEDICATION ADMINISTRATION (CONTINUED)

INTRAOSEOUS

- EZ-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

- Mucosal Atomization Device (MAD)
- Buretrol Infusion Set

2	X			X	X
1	X				X

OBSTETRIC / PEDIATRIC EQUIPMENT

- Obstetrical kit, sterile - with bulb syringe
- Infant hat or head cover
- Gloves, Sterile, Pair, Size 7 or 7.5
- Gloves, Sterile, Pair, Size 8 or 8.5
- Silver Swaddler or baby bunting mylar blanket
- Region 11 EMS Pediatric Resuscitation Chart (current version: 2023)
- Broselow Tape (current version: 2019) OR Dose by Growth Tape (current version: 2020)

2	X			X	X
1	X			X	X
1	X			X	X
1	X			X	X
1	X			X	X
1		X	X		X
1		X	X		X

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

1	X		X	X	X
2	X		X	X	X
2	X		X	X	X
10	X		X	X	X
2		X	X	X	X

INFECTION CONTROL EQUIPMENT

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

1	X			X	X
1		X	X	X	X
1		X	X	X	X
1		X	X	X	X
1	X			X	X

PATIENT TRANSPORT EQUIPMENT

- 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
- Pediatric Specific Restraint System or Age/Size Appropriate Car Safety Seat
- Cot Sheets
- Blankets
- Restraints (two pair, arm and leg, for four-point restraint)

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

COMMUNICATION EQUIPMENT

- Ambulance to Hospital Radio Communication Capability
- 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		X	X	X	X
1		X	X	X	X
1		X	X	X	X
10		X	X	X	X
1		X	X	X	X

No. of Items	Hospital Replacement	Provider - Private Replacement	Provider - CFD Replacement	BLS	ALS
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OTHER EQUIPMENT

1		X	X	X	X	Body Bag, disposable
1	X			X	X	Bedpan
6	X			X	X	Cold Packs
6	X			X	X	Convenience Bags OR Emesis Basin
1	X			X	X	Facial Tissue, box
2		X	X	X	X	Fire Extinguishers (5 lbs)
1		X	X	X	X	Flashlight w/Batteries
2	X			X	X	Hot Packs
1		X	X	X	X	Medication Administration Cross Check (MACC) Card (current version: 2022)
1		X	X	X	X	Sign / Sticker, IDPH "Complaint Hotline"
1		X	X	X	X	Sign / Sticker, "Illinois Poison Center"
1		X	X	X	X	Sign / Sticker, "No Smoking"
1		X	X	X	X	Sign / Sticker, "Seat Belt Required"
1		X	X	X	X	Sign / Sticker, IDOT "Safety Inspection" on windshield
1		X	X	X	X	Region 11 EMS Protocols, Policies and Procedures - Electronic Access
1	X			X	X	Urinal
1		X	X	X	X	Wrecking bar (24" minimum)