

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



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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.

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.

REGION 11 CHICAGO EMS SYSTEM MASTER DES LIST: HOSPITAL, PROVIDER, and CFD

Approved: EMS Medical Directors Consortium

Effective: December 15, 2021

No. of Items	Hospital Replacement	Provider - Private Replacement	Provider - CFD Replacement	BLS	ALS	Controlled Substance
3	X				X	
3	X			X	X	
3	X				X	
1	X			X	X	
3	X				X	
1	X				X	
1	X				X	
1	X				X	
3	X				X	
6	X				X	
1	X				X	X
1	X				X	
2	X			X	X	
2	X				X	X
1	X				X	
1	X				X	
2	X			X	X	
1	X				X	
1	X			X	X	
2	X				X	

MEDICATIONS

- Adenosine, 6mg / 2ml, injectable, preload or vial
- Albuterol, 0.083%, 2.5mg / 3ml, for inhalation
- Amiodarone, 150mg / 3ml, vial
- Aspirin, 81mg, chewable, bottle
- Atropine Sulfate, 1mg / 10ml, injectable, preload
- Calcium Chloride, 10%, 1 Gram / 10ml, injectable, preload
- Dextrose, 10%, 25 grams / 250ml water OR 50 grams / 500ml water
- Diphenhydramine HCl (Benadryl), 50mg / 1ml, vial
- Epinephrine 1:1,000 (1.0 mg/ml), ampule or vial
- Epinephrine 1:10,000 (0.1mg /ml), injectable, preload
- Fentanyl citrate (Sublimaze), 100 mcg / 2ml, vial
- Glucagon (GlucaGen), 1mg solvent with 1ml solute (kit only)
- Ipratropium Bromide (Atrovent), 0.5mg / 3ml, for inhalation
- Midazolam (Versed) 10mg / 2ml, vial
- Ondansetron (Zofran), 4mg / 2ml, injectable
- Ondansetron (Zofran), 4mg, oral disintegrating tablet (ODT)
- Naloxone (Narcan), 2mg / 2ml, preload syringe or vial
- Nitroglycerin, 0.4mg, bottle
- Oral Glucose Gel (Glucose 15, Net Wt. of gel 37.5 grams), single dose
- Sodium Bicarbonate, 50mEq / 50ml, injectable, preload

REGION 11 APPROVED EPI KIT

- Region 11 Approved EPI Kit (containing at minimum):
- 2 - Epinephrine 1:1,000 (1.0 mg/ml), ampule or vial
 - 2 - 23 gauge needle (1 inch)
 - 2 - Syringes, 1ml
 - 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

ALTERNATIVE MEDICATIONS USED DURING SHORTAGES

2	X				X	X
1	X				X	X

- Lorazepam (Ativan), 2mg / 1ml, vial
- Morphine sulfate, 10mg / 10ml, injectable, preload or Carpuject (SEALED)

No. of Items	Hospital Replacement	Provider - Private Replacement	Provider - CFD Replacement	BLS	ALS
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AIRWAY & VENTILATION EQUIPMENT

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
4	X			X	X
1		X	X		X
1		X	X		X

AIRWAY MANAGEMENT

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

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

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)

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

OXYGEN ADMINISTRATION

Nasal Cannula, Adult
 Nasal Cannula, Pediatric
 Non-Rebreather Mask, Adult
 Non-Rebreather Mask, Pediatric
 Simple Face Mask, Infant

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

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

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

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

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

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

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	Physio Control Quik-Combo Pacing/Defibrillation/ECG Electrodes (Adult) - CFD
2	X				X	Physio Control Quik-Combo Pacing/Defibrillation/ECG Electrodes (Pediatric) - CFD
2		X			X	Zoll Electrode Pads (Adult) - Private Provider
2		X			X	Zoll Electrode Pads (Pediatric) - Private Provider
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	Portable Pulse Oximeter
6	X				X	Masimo Neonatal / Adult Pulse Oximeter Adhesive Sensor
1		X	X		X	CO Reusable Sensor
2	X				X	End-Tidal CO2 Filter Line Sets, disposable, Physio Control
2		X			X	End-Tidal CO2 Airway Adapter Kit, Zoll

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 - Emergency (Israeli) Bandage, 6"
 Pressure Dressing - Emergency Trauma Dressing (ETD), 4"
 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
2		X	X	X	X	Extremity Splints, Adult, Short
2		X	X	X	X	Extremity Splints, Pediatric, Long
2		X	X	X	X	Extremity Splints, Pediatric, Short
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
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" , catheter-over-needle device (pediatric)

MEDICATION ADMINISTRATION

INTRAVENEOUS

4	X				X	0.9% Sodium Chloride IV Solution, plastic bag, 1000 ml
4	X				X	IV Tubing, Macrodrip, 10 drops/minute, 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 1½"
5	X				X	Needles, 25 Gauge x ⅝"
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
1		X			X
2	X				X

MEDICATION ADMINISTRATION (CONTINUED)

INTRAOSSUEOUS

15 Gauge, Intraosseous Needle, Sherwood or Jam Shidi
 EZ - IO Driver
 EZ - IO Needles, Blue

OTHER

Mucosal Atomization Device (MAD)
 Buretrol Infusion Set

2	X			X	X
1	X				X

OBSTETRIC / PEDIATRIC EQUIPMENT

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

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	X		X	X	X
2	X		X	X	X
2	X		X	X	X
10	X		X	X	X
2		X	X	X	X

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

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

PATIENT TRANSPORT EQUIPMENT

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
2	X			X	X
4		X	X	X	X

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		X	X	X	X
1		X	X	X	X
1		X	X	X	X
10		X	X	X	X
1		X	X	X	X

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

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

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)