

**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

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		

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
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AIRWAY & VENTILATION EQUIPMENT (CONTINUED)

No. of Items	Hospital Replacement	Provider - Private Replacement	Provider - CFD Replacement	BLS	ALS	Item Description
2	X				X	Adapter for In-Line Nebulization, 22 mm to 14 mm I.D.
2	X				X	Adapter for In-Line Nebulization, 22 mm to 22 mm I.D.
1	X				X	CPAP Mask - Flow Safe II EZ Deluxe (adult)
2	X			X	X	Nebulizer (Acorn Type) with T-Piece Adapter, Oxygen Tubing, Mouthpiece and Flextube
1	X			X	X	Aerosol Mask, Adult (for nebulization)
1	X			X	X	Aerosol Mask, Pediatric (for nebulization)
2		X	X	X	X	Viral/Bacterial Filter (22 mm X 15mm / 22 mm OD)

OTHER

ASSESSMENT EQUIPMENT

No. of Items	Hospital Replacement	Provider - Private Replacement	Provider - CFD Replacement	BLS	ALS	Item Description
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

BLOOD PRESSURE

No. of Items	Hospital Replacement	Provider - Private Replacement	Provider - CFD Replacement	BLS	ALS	Item Description
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

CARDIAC

No. of Items	Hospital Replacement	Provider - Private Replacement	Provider - CFD Replacement	BLS	ALS	Item Description
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

OTHER

TRAUMA EQUIPMENT

No. of Items	Hospital Replacement	Provider - Private Replacement	Provider - CFD Replacement	BLS	ALS	Item Description
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"

DRESSINGS

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
1	X			X	X
2		X	X	X	X
2		X	X	X	X
2		X	X	X	X
2		X	X	X	X
5	X			X	X

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

EXTRICATION

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

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

2000ml	X			X	X
1	X			X	X
1		X	X	X	X
1		X	X	X	X
1		X	X	X	X
2	X				X
2	X				X

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
 Region 11 Modified START/JumpSTART Triage Algorithm Card (current version: 2020)
 ARS (Air Release System) Kit or 14 gauge X 3.25" angiocatheter
 16 - 18 gauge X 1.5 - 2 inch, catheter-over-needle device (for pediatric pleural decompression)

MEDICATION ADMINISTRATION

INTRAVENEOUS

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

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 5/8 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

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

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)