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.
### MEDICATIONS

<table>
<thead>
<tr>
<th>No. of Items</th>
<th>Hospital Replacement</th>
<th>BLS</th>
<th>ALS</th>
<th>Controlled Substance</th>
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<td>2</td>
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</table>

- 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
- Naloxone (Narcan), 2mg / 2ml, preload syringe or vial
- Nitroglycerin, 0.4mg, bottle
- Oral Glucose Gel (Glutose 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

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

### 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 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 Resus Pack, Size 3 (Adult - Small)
- i-gel Supraglottic Airway Resus Pack, Size 4 (Adult - Medium)
- i-gel Supraglottic Airway 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**
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.
- 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
- Blood Pressure Cuff, Large Adult
- Blood Pressure Cuff, Adult
- Blood Pressure Cuff, Child
- Blood Pressure Cuff, Infant
- Stethoscope
- Pediatric Stethoscope
- Gauge(s) for Blood Pressure Cuffs, appropriately calibrated

CARDIAC
- Cardiac Monitor / Defibrillator with Spare Battery
- AED with Adult and Pediatric Pads
- Patient Cables: 4 lead and 12 lead
- Rolls of ECG Paper
- Electrodes, Monitoring, Adult, Set of 3
- Electrodes, Monitoring, Pediatric, Set of 3
- Physio Control Quik-Combo Pacing/Defibrillation/ECG Electrodes (Adult) - CFD
- Physio Control Quik-Combo Pacing/Defibrillation/ECG Electrodes (Pediatric) - CFD
- Zoll Electrode Pads (Adult) - Private Provider
- Zoll Electrode Pads (Pediatric) - Private Provider
- Disposable Razor

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

TRAUMA EQUIPMENT

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"
### 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

- 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”, catheter-over-needle device (pediatric)

#### MEDICATION ADMINISTRATION

##### INTRAVENOUS

- 0.9% Sodium Chloride IV Solution, plastic bag, 1000 ml
- IV Tubing, Macrodrip, 10 drops/minute, 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 1½”
- Needles, 25 Gauge x ½”
- 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
### MEDICATION ADMINISTRATION (CONTINUED)

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

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

### OBSTETRIC / PEDIATRIC EQUIPMENT

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>Obstetrical Kit, sterile, disposable</td>
<td>2</td>
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<tr>
<td>Cap, (Stockinette) for newborn infant</td>
<td>1</td>
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<tr>
<td>Gloves, Sterile, Pair, Size 7 or 7.5</td>
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</tr>
<tr>
<td>Gloves, Sterile, Pair, Size 8 or 8.5</td>
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<tr>
<td>Silver Swaddler (or) Baby Bunting</td>
<td>1</td>
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<tr>
<td>Region 11 EMS Pediatric Resuscitation Chart</td>
<td>1</td>
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<td>Broselow Tape (current version - 2019)</td>
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### PERSONAL PROTECTIVE EQUIPMENT (PPE)

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<th>Quantity</th>
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<tbody>
<tr>
<td>Gloves, Non-Sterile, disposable, box</td>
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</tr>
<tr>
<td>Isolation Gowns, Long Sleeve</td>
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<tr>
<td>N-95 Masks, NIOSH Approved</td>
<td>1</td>
</tr>
<tr>
<td>Face Mask (Surgical), disposable</td>
<td>2</td>
</tr>
<tr>
<td>Safety Glasses, Splash Protective (or) Goggles</td>
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### INFECTION CONTROL EQUIPMENT

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<th>Item</th>
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<tr>
<td>BioHazard Bag</td>
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<tr>
<td>Paper Towels, roll or package of C-fold type</td>
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</tr>
<tr>
<td>Sharps Container, puncture resistant</td>
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</tr>
<tr>
<td>Hand Sanitizer</td>
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<tr>
<td>Topical Germicide, bottle</td>
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### PATIENT TRANSPORT EQUIPMENT

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<tr>
<td>Patient Stretcher, with 3 sets of straps and over-shoulder straps</td>
<td>1</td>
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<tr>
<td>Chair Stretcher, with 3 sets of straps</td>
<td>1</td>
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<tr>
<td>Scoop Stretcher, including manufacture required safety restraints</td>
<td>1</td>
</tr>
<tr>
<td>Car Seat or Pedi-Mate Pediatric Restraint System</td>
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<tr>
<td>Cot Sheets</td>
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<tr>
<td>Blankets</td>
<td>2</td>
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<tr>
<td>Pillow and pillow cases</td>
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</tr>
<tr>
<td>Restraints (two pair, arm and leg, for four-point restraint)</td>
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### COMMUNICATION EQUIPMENT

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<td>Ambulance to Hospital Telemetry Radio</td>
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<tr>
<td>Cellular Telephone</td>
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<td>Electronic Patient Care Report Documentation Device</td>
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<td>Paper Documentation Back-Up (Region 11 EMS approved form)</td>
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<tr>
<td>UHF Portable Radio with Carrying Case and Remote Speaker / Microphone</td>
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### OTHER EQUIPMENT

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<tr>
<th>Item Description</th>
<th>Hospital</th>
<th>Provider</th>
<th>Provider - Private Replacement</th>
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<th>ALS</th>
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<td>Body Bag, disposable</td>
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<td>Bedpan</td>
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<td>Cold Packs</td>
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<td>Convenience Bags OR Emesis Basin</td>
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<td>Facial Tissue, box</td>
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<td>Fire Extinguishers (5 lbs)</td>
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<td>Flashlight w/Batteries</td>
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<td>Hot Packs</td>
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<td>Sign / Sticker, IDPH &quot;Complaint Hotline&quot;</td>
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<td>Sign / Sticker, &quot;Illinois Poison Center&quot;</td>
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<td>Sign / Sticker, &quot;Seat Belt Required&quot;</td>
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<td>Urinal</td>
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