

NORTHWEST COMMUNITY EMS SYSTEM

Ambulance – Drug & Supply/Equipment List

Last revised: 02-27-25 Rev.

- KEY:** ALS Required on all ALS vehicles unless specified otherwise. All other items are required on BLS and ALS vehicles.
- * Drugs identified by an asterisk (*) are controlled substances and must be stored and accounted for per system policy.
- ** System hospitals must replace all drugs, supplies, and equipment items **EXCEPT** those items indicated by a double asterisk (**). These items must be purchased and/or maintained by the EMS provider agency.
- IL required by IDPH administrative code section 515.830

- EMS agencies shall assign appropriate personnel to inventory ambulances **daily** at shift change to ensure complete par levels, intact packaging, current dates, and good working order. All controlled substances must be viewed and counted daily per policy.
- The EMS MD or designees will do random unannounced ambulance inspections to measure compliance with these standards.
- All EMS products exchanged at hospitals must be **LATEX- FREE**. All non-exchange items must be latex-free unless a waiver has been granted and a latex-containing kit is maintained. Contain latex: Do NOT use without covering equipment or patient: BP cuffs, stethoscopes, Nellcor pulse oximeter.

KEY	Min.	ITEM				PACKAGING
MEDICATIONS (Keep packaged in the original box if possible to facilitate correct identification)						
BLS & ALS	6	Acetaminophen (Tylenol) chewable tablets or liquid				160 mg (<i>alt. amt. based on waiver</i>)
ALS**	1 pilot agencies only	Acetaminophen inj. for IV infusion: Pilot agencies: AHFD, BGFD, INV, LRW, MPFD, PFD, PHTS, RMFD, Superior (NCH will stock & replace pilot agencies)				1000 mg / 100 mL (vials or premix bags)
ALS	3	Adenosine				6 mg / 2 mL
BLS & ALS	3	Albuterol				2.5 mg / 3 mL (0.083%)
ALS	3	Amiodarone				150 mg / 3 mL amp
BLS & ALS	4 tabs	ASA chewable				81 mg / tablet
ALS	6	Atropine sulfate				1 mg / 10 mL preload
ALS	1	Diphenhydramine for IVP				50 mg / 1 mL
BLS & ALS	2 tabs	Diphenhydramine for PO route				50 mg tablets
BLS & ALS	OPT	Calcium gluconate 2.5% (Calgonate) gel				25 Gm tube
ALS	2	Dextrose 10% (D10W) (<i>see approved alt in shortage</i>)				25 Gm / 250 mL
ALS	10	Epinephrine 1 mg/10 mL (1 mg/1 mL mixed with NS (9 mL) OK during drug shortage)				1 mg / 10 mL preload
BLS & ALS	4	Epinephrine 1 mg/1 mL				1 mg / 1 mL
ALS	40 mg	Etomidate				40 mg / 20 mL or 20 mg/10 mL
ALS	300 mcg*	Fentanyl	*CS In LOCKED CONTAINER	YES	NO	100 mcg / 2 mL or 50 mcg/1 mL
	(2)*	OR Morphine 10 mg (if fentanyl unavailable)				
BLS & ALS	1	Glucagon				1 mg powder / 1 mL diluent
BLS & ALS	3	Ipratropium bromide 0.02% (Atrovent)				0.5 mg in 2.5 mL NS
ALS	500 mg*	Ketamine	*CS IN LOCKED CONTAINER	YES	No	500 mg/10 mL (50 mg/mL) or other combination of 50 mg/mL to total 500 mg
ALS	2	Lidocaine 2%				100 mg / 5 mL preload
ALS	4 Gm	Magnesium sulfate 50%				(1ea) 5 Gm / 10 mL OR (4 ea) 1 Gm / 2 mL or (2 ea) 2 Gm in 50 mL NS IVPB
ALS*	2*	Midazolam	*CS IN LOCKED CONTAINER	YES	No	10 mg / 2 mL
		OR Diazepam 10 mg – if midazolam unavailable				
BLS & ALS	4	Naloxone				2 mg / 2 mL
BLS & ALS	1 bottle	Nitroglycerin				0.4 mg (1/150 gr) tabs
ALS**	**OPT	Nitrous oxide				
ALS	1	Norepinephrine & 2 preprinted labels for IV and tubing				4 mg / 4 mL (vial preferred)
ALS	2	Ondansetron (IV)				2 mg / mL (2 mL vial)
BLS & ALS	2	Ondansetron (ODT)				4 mg ODT blister packs
ALS	1	Sodium bicarbonate 8.4%				50 mEq / 50 mL preload
ALS	1	Tetracaine ophthalmic solution				0.5% / 1-2 mL
ALS	2	Verapamil				5 mg
ALS	3	IV solution: Normal saline (1 in warmer; 2 room temp)				1000 mL bag
ALS	1	IV solution: Normal saline				250 mL bag
ALS	2 Opt	IV solution: NS for use with Sapphire pump ONLY)				50 mL bags 100 mL bags (<i>alt if shortage</i>)
ALS	2	NS injection (keep 1 w/ EZ-IO supplies)				10 mL preload syringes

			(May increase # to dilute epi during drug shortage)
BLS & ALS	2	Normal saline (sterile)	1000 mL irrigation bottle
IL	1 quart	Drinking water (may be sterile water bottle)	
	2	MAD® (Intranasal Mucosal Atomization Device): or approved alternative with or without syringe attached (Teleflex)	
ALS	**4	Medication labels (for meds drawn up into syringes by one person and given by another) May use adhesive mailing labels on which the medication name & concentration can be written.	

KEY	Min.	ITEM/descriptors/notes
AIRWAY EQUIPMENT		
IL	1 ea.	Oropharyngeal airways: 5/100, 4/90, 3/80, 2/70, 1/60, 0/50
	2	Tongue blade (for insertion of oral airways – keep with oral airways)
IL	1 ea size	Nasopharyngeal airways: 12 Fr/3 (optional); 14 Fr/3.5; 16 Fr/4; 18 Fr/4.5; 20 Fr/5; 22 Fr/5.5; 24 Fr/6; 26 Fr/6.5; 28 Fr/7; 30 Fr/7.5; 32 /Fr/8; 34 Fr/8.5 mm
ALS	2 each	Endotracheal tubes: High volume/low pressure cuff - stored in sterile packaging. 6 or 6.5 mm, 7 or 7.5 mm (use with King Vision curved channeled blade) + 8 or 8.5
ALS	2 adult (1 ea. size w/ cric kit)	Bougie – disposable (required for all ETI attempts w/ King Vision devices and surgical crics PREFERRED: SunMed, BOUGIE-TO-GO 9-0212-82 15 FR x 60 cm Adult, Coudé Tip (Boundtree - 2120-21282); 9-0211-70 10 Fr x 70 cm Pediatric, Coudé Tip Retain bougie for crics after transitioning to ProVu stylette with ProVu videolaryngoscope device
IL	3 packets	Water-soluble lubricant (individual packets)
	1	High-Efficiency Particulate Air (HEPA) viral and bacterial filter for use during BVM & ETI procedures. <ul style="list-style-type: none"> Mercury Medical Bacterial and Viral Filter -#10-55375 - 20/box (attaches to port on BVM) Intersurgical 1944000 Filta-Guard™ breathing filter Airlife® disposable Bacterial/Viral filter - #001851 - VYAIR Medical, Inc. (attaches to mask or ETT)
Choking kit		
	1	Adult or Peds laryngoscope handle (Welch-Allyn or Rusch compatible with disposable blade) & batteries
		Disposable laryngoscope blades – 1 miller standard or fiber-optic. Ensure compatibility between blades and handles.
ALS**	1 (optional brands)	Disposable <i>Standard</i> laryngoscope blade
		Rusch Lite Slim disposable blades http://www.teleflex.com : 1 miller 00485 1100
		Disposable <i>fiber optic</i> laryngoscope blade – approved options:
		“Green Rusch Lite disposable fiber optic blades” http://www.teleflex.com/en/usa/productAreas/anesthesia/documents/2012-0795_Green_Rusch_Lite_Data_Sheet.pdf - 00455 0001
		Curaplex metal fiber optic blades http://www.curaplex.com/docs/Curaplex_Laryngoscope_Blades.pdf - 301-B5110
	1	Flexicare Briteblade Pro: 1 Miller 040-721U
	1	Magill or uterine curved ring forceps for FB removal
ALS **	1	Adult intubation laryngoscopy equipment: King Vision, 1 Reusable Digital Display. Suggested vendor and preferred pricing: Boundtree Approved until product no longer available – rolling transition to King Vision aBlade or ProVu device
ALS	2	King Vision Video Laryngoscope Blade , Channeled, Disp, 18mm, w/White LED, Digital CMOS Camera Transitioning by attrition in early 2024 AFTER EDUCATION to the products below
ALS**	1	Approved short-term alternative King Vision video adapter: KVLVA34 (initial stock provided at no cost to agencies as part of the Bridge Program). Additional inventory may be purchased as an opt.
ALS	2	Approved short-term alternative: King Vision aBlade Bound Tree item #2146-KVA33 aBlade, Channeled, Size 3 \$13.86/each (\$277.20/case of 20) Henry Schein item #1225677 AMBU aBlade, Channeled, Size 3 20/box; \$270.00/box
ALS**	1	New approved device after education and competency assessment: (Flexicare) Flexicare ProVu Reusable 3.5" Video Monitor Display, charging cable and charging dock #040-07-0035U
ALS**	1	ProVu Reusable 3.5" Video Monitor Silicone Protective Casing #038-990-015U
ALS	2	ProVu Single Use Video Laryngoscope Handle with Hyper Blade Size 3.5 #040-08-2135U
ALS	1	ProVu Single-Use Rigid Stylet Size Large #040-08-2030U
ALS	1	i-gel® or i-gel Plus Supraglottic airway (Resus pack includes i-gel, lube, strap)
		Size 5, large adult 200+ LBS / 90+kg (2114-87303 Resus Pack) 6/case
		Size 4, medium adult 110-200 LBS / 50-90 kg (2114-87302 Resus Pack) 6/case
		Size 3, small adult 65-130 LBS / 30-60 kg (2114-87301 Resus Pack) 6/case
		Size 2.5, large pediatric 55-77 LBS / 25-35 kg (2114-08225)
	1	Size 2.0, small pediatric 22-55 LBS /10-25 kg (2114-08202)

KEY	Min.	ITEM/descriptors/notes
	1	Size 1.5, infant 11-25 LBS / 5-12 kg (2114-08215)
ALS	1 ea	ETT holders –Thomas Select (adult and pediatric) Laerdal
	1 opt.	Lyfetymer LED ventilation metronome (flashes 10x/min) www.lyfetymer.com .
Cricothyrotomy supplies: Recommend store as a kit		
	2	Skin prep: Chlorhexidine gluconate 2% w/ isopropyl alcohol 70% (CHG/IPA) preferred
ALS	1	10-12 gauge catheter over the needle device; 3-3.25" long
ALS	1 each	ETT: 6 mm for adults; 4 mm, 5 mm uncuffed or cuffed (peds surgical cric 8-12 y/o)
ALS	2 each	Adaptor to connect catheter to bag-valve device: 3 mL syringe barrel & 7-7.5 mm ET tube adaptor
ALS	1	EtCO ₂ inline sensor
ALS	1	6-10 mL syringe (to function as EDD when performing needle cric; inflate cuff if surgical cric)
ALS**	1	Curved Kelly hemostat clamp or spreader; tracheal hook preferred but optional
ALS	1	#11 Scalpel
ALS	1 ea. size	Bougie to Go must be used for all surgical crics, 15 Fr and 10 Fr (peds fits 4 mm to 6 mm tubes)
SUCTION-RELATED EQUIPMENT		
**	1 (amb)	Installed suction: Must provide airflow of >20 L/min at end of the delivery tube and a vacuum of >300 mmHg (11.811 inches) to be reached within 4 sec. after tube is clamped. Vacuum levels shall be adjustable for use with children and intubated patients. Must be a "Y" or "T" piece or a lateral opening between suction tube and suction source for on/off control. The suction yoke, unbreakable collecting bottle, water for rinsing, and suction tube must be readily accessible to the responder at the head of the primary litter. Can be disassembled for ease of cleaning and decontamination.
**	1 (amb)	Clean, unbreakable, noncollapsible collection bottle (receptacle) that holds 1000 mL. If the standard option is too tall for the ambulance compartment may use Bemis 1200 mL Hi-Flow canister #484410.
	2 (amb)	6-10 ft. non-kinking, transparent, noncollapsible suction tubing; ¼" inside diameter
** IL	1 ea	Portable suction: Must provide airflow of at least 12 L/min at the end of the suction tube and a vacuum of at least 300 mmHg (11.811 inches) within 4 sec after tube is clamped. Must operate from an internal battery supply that is rechargeable or gas-powered allowing unit to meet airflow and suction requirements for at least 20 continuous minutes. Capable of charging from vehicle 12-volt system and 115 volt AC. If powered by pressurized O ₂ in a cylinder, must be attached to its own O ₂ cylinder and not to spare D or E cylinders intended for portable oxygen use. Approved manually operated suction devices: V-Vac & Res-Q-Vac® Bulb syringe suction (separate from OB kit)
IL	2 ea	Suction catheters: 6, 8, 10, 12, 14, 18 Fr sterile, single use, soft suction catheters w/ thumb control port
IL	3	Tonsil tip; semi-rigid pharyngeal suction catheter: DuCanto Catheter™ Henry Schein #7005330
OXYGEN/DELIVERY DEVICES		
**	1 (amb)	Installed O₂ tank: Central "H" or "M" size. Supplied with at least 3000 L of <u>medical grade</u> O ₂ ; equipped with yoke. <ul style="list-style-type: none"> Installed w/ quick release, crash-stable, mounting bracket to provide maximum safety for patients and personnel. Must be equipped with a reducing valve (from 2000 PSI cylinder to 50 PSI) with a pressure gauge. Must have an O₂ outlet accessible to the technician at the head of the primary litter and clear, disposable oxygen tubing.
** IL	2	Portable O ₂ tanks: "D" or "E" w/ at least 300 L capacity equipped w/ yokes, clear, disposable O ₂ tubing
**	2	Dial flow meters/regulators (not gravity-dependent) that will deliver at least up to 15 L/minute
IL	3 ea	Nasal cannula – adult & pediatric (EtCO ₂ nasal cannula meets requirement)
IL	2 adult 2 ea	Non-rebreather masks: semi-open, valveless, transparent, and disposable. Pediatric NRM & Infant partial re-breather or equivalent
IL	1	CPR mask (mouth-to-mask unit w/ O ₂ inlet and one-way safety valve to prevent backflow of expired air and secretions)
	1	Nebulizer: acorn type with tee adaptor oxygen tubing, mouthpiece, and flex-tube
	1 opt.	Teleflex ISO-NEB, Medline Ref# 1755. Recommended OPTION to use on pts with a communicable respiratory illness. https://www.medline.com/jump/product/x/Z05-PF30775 (Teleflex) Also approved: Hudson RCI ISO neb filtered nebulizer system
	1	"In-line" Nebulizer adaptor kit for BVM/ET (preassembled in a labeled bag) (15 mm + 22 mm : Hudson RCI multi-adaptor cat. No. 1422 and Universal cuff adapter cat. no. 1421)
	1	Mercury Medical Flow-Safe II EZ CPAP System Model #10-57318 (large mask with one O ₂ source, built-in neb) Model # 10-57319 has small mask. System pricing quote per MedAlliance Group
IL	1 adult	Disposable adult BVM device: Preferred product: Ambu Spur II w/ mask, reservoir, expiratory filter, PEEP valve, ETCO ₂ (Ambu 520211061 E; Henry Schein 7021719 special pricing). Others approved: Vital Signs Code Blue w/ mask & reservoir tubing/bag #7250; Inspiron 8003 w/ oxygen reservoir & mask; Mercury bag w/ reservoir & mask; SIMS Portex, Novaplus/1 st Response. SunMed AIRFLOW™ manual resuscitation/ ventilation bag + Ventlab's integrated pressure manometer, and bacterial/viral filter. Option (not exchange item): Capno-flow resuscitation bag

KEY	Min.	ITEM/descriptors/notes
**	1 opt.	SafeBVM™ Sotair® Flow Limiting Device (See vendor contacts for info)
IL	1 pediatric	Disposable pediatric BVM: (500 mL w/ reservoir): Preferred product: Ambu Spur II Pediatric w/ mask & reservoir, filters, ETCO ₂ , manometer, toddler and child mask. Others approved: SIMS Portex, Novaplus/1 st Response; Vital Signs Code Blue #7334 w/ 2 masks (1 Toddler; 1 child) Inspiron; Medline Pediatric BVM w/ bag reservoir, PEEP valve and manometer #CPRM2216M
IL	1 infant	Disposable infant BVM: Preferred product when available: AMBU Spur II Infant bag w/reservoir, filters, infant and neonate mask. Others: SIMS Portex, Novaplus/1 st Response; Vital Signs Baby Blue #7421 with 1 infant and 1 newborn mask
ALS**	1 opt.	Ventilators: Zoll Z ventilator, Auto-Vent, Pneupac ® VR1 automatic resuscitator ventilator or approved equivalent, Hamilton T1, Ventway Sparrow
VASCULAR ACCESS SUPPLIES		
ALS	2	IV tubing: Macro drip 10, 15 or 20 gtts/mL - needleless required: Baxter Continu-flo Interlink solution set (No. 2C6537S) or Abbott LifeShield (No. 11309) PLUS the B-D Interlink lever-lock cannula adaptor (No. 303370); Alaris Smart Site infusion set (20gtts) Alaris/Carefusion #2426-0500; Smart Site infusion set (60gtts) Alaris #2421-0500 - Cardinal Health 10 drop/mL macrodrip tubing required for gravity drip acetaminophen IV without pump
ALS	1	IV tubing: Mini (micro) drip 60 mcgtts/mL
ALS	2	J-loops / IV extension sets (mandatory for IV starts if not using BD Nexiva catheter)
BD Nexiva closed IV catheter System with dual OR single lumen port (Contact: Alix Webber) (Works w/ CT injectors www.MPS_VA_Nexiva-dual-port-power-injection-guideline_IM_EN.pdf)		
ALS	2	14 G 1.25" or 2"
ALS	2	16 G 1.25"
ALS	2	18 G 1.25" – BD Nexiva closed IV catheter System with dual port #383539; single port 383594 (green)
ALS	2	20 G 1." - BD Nexiva closed IV catheter System with dual port #383536; single port 383592 (pink)
ALS	2	22 G 1"- BD Nexiva closed IV catheter System with dual port #383532; single port 383591 (blue)
ALS	2	24 G ¾"- BD Nexiva closed IV catheter System with dual port #383531; single port 383590 (yellow)
ALS	2 opt.	Disposable IV start pack (Becton-Dickinson or equivalent) with CHG/IPA skin prep
ALS	2	IV protective dressing (Tegaderm, OpSite, or Veni-Gard)
ALS	2	Venous constricting bands (preferably in IV start pack)
ALS	1	Padded arm boards
ALS**	1 opt	Modular IV kit (Insulating bag for keeping IV fluids warm): Conterra IVK1-I; info@conterra-inc.com
ALS**	1 device; 1 bag NS in warmer	IV fluid warmer device or drawer: Warm IVF in plastic over pouches to temps not exceeding 40°C (104°F) up to 14 days. Label IV bags with warming expiration date before placing in warmer. When removed, tag as previously warmed Do not return to warmer Use in unwarmed IV stock until manufacturer's labeled expiration date (Policy D3, p. 5).
ALS**	1 opt.	Sapphire infusion pump (Eitan Group) + (2) AP403 infusion sets (recommended for timed, titrated and weight based IV drugs/drips approved in the SOP or A3 policy; required for peds acetaminophen IV) Pump must be configured with System standard master drug library prior to deployment.
Intraosseous supplies for front-line ALS ambulances: Recommend package as a unit in one case. (Teleflex)		
ALS**	1	Store Driver in soft or hard-sided case. Do NOT test daily/weekly (decreases battery life). Contact company rep to replace drivers (No longer replaced by the EMS System).
ALS	2	45 mm (Yellow) 15 G needle with stabilizer kit
ALS	1 ea	25 mm (Blue) 15 G needle with stabilizer kit 15 mm (Pink) 15 G needle with stabilizer kit
ALS	3	EZ-connect® extension sets (supplied w/ needles)
ALS	1	IV Pressure infuser for 1000 mL IV bag (may be disposable): Ventlab VC 410 or equivalent; www.ventlab.com
ALS	1	10 mL (sterile NS prefilled) syringe (to prime connect tubing and flush IO)
ALS	1	10 mL syringe for 2% Lidocaine flush
ALS	2	Skin prep: Chlorhexidine gluconate (CHG 2%) & alcohol (IPA 70%) – (Chloraprep®)
SYRINGES/NEEDLES/SUPPLIES		
ALS	3	10 G Catheter over the needle device; 3" long (Deseret 10 G #2820) Alternative: 10 G 3.25" needles: North Am Rescue http://www.narescue.com/ARS_for_Needle_Decompression Store 1 needle in cric kit; 2 for pleural decompression
ALS**	1 opt	Russell PneumoFix™ : 12 G; 11 cm (for pleural decompression) (Boundtree #PDF112)
ALS	2	18 G, 1-1½" needles
BLS & ALS	2	21-22 G, 1½" needles (for IM injections)
ALS	2	25 G, 5/8-1" needles
ALS	2	Filtered needles 18 G x 1½" or straws (for withdrawing meds from ampules) Suggested manufacturers: needles Sherwood Cat. # 81-305117; filtered straws Braun FS/5005 #1613199 case/100

KEY	Min.	ITEM/descriptors/notes
ALS	3	Blunt tip safety needles (for drawing medications from vials)
ALS	1 opt	Braun® Fluid Dispensing Connector - BLUE (B. BRAUN MEDICAL, INC); multiple vendors carry
ALS	2 ea.	3 mL; 6 mL; 10-12 mL; 20 mL disposable syringes
BLS & ALS	2	1 mL syringe (luer-lock preferred, BD product # 309628, Kendall-Covidien)
BLS	2	0.5 mL syringe (luer-lock) (for IM epinephrine)
ALS	1	50-60 mL syringe (luer-lock, not irrigation tip)
	2	Skin prep: Chlorhexidine gluconate 2% w/ isopropyl alcohol 70% (CHG/IPA – Chloraprep®)
	1 small	Point-of-use sharp container #8905 Burroughs or approved equiv. meeting OSHA guidelines.
ALS	1 large	Puncture-resistant sharps disposable container that meets OSHA guidelines (Squads exempt)
DIAGNOSTIC MONITORING EQUIPMENT		
ALS** BLS opt.	1	Cardiac monitor/defibrillator w/ pacing, 12-L ECG, SpO ₂ ; quantitative waveform capnography; non-invasive BP. Approved units: Physio Control LifePak 15/35 ; Zoll (E)/X series (Real BVM Help™ on X Series® Advanced optional); Philips Tempus Pro monitor or, MRx.
All front-line vehicles unless waiver granted:	Monitor specific	Real-time CPR feedback - Required before mechanical CPR device is deployed. Approved pads: ZOLL: CPR Stat Padz (Adults only) – “Larger” connection requires an adapter. <u>DOES NOT offer peds CPR feedback. OneStep CPR Resuscitation Electrode (Adult & Peds - More expensive, sole product exchanged by all Advocate hospitals). Rectangular connection does not need adapter-plug directly into the defib cable. Provides peds CPR feedback; needed because children cannot be placed in an automated CPR device. BOTH pads compatible w/ the X Series. All agencies have defib cable WITH white “triangle” adapter so can use any pad received from a hospital in exchange.</u> Physio Control: TrueCPR™ Coaching Device
**	1 each	3, 4, or 5-lead and 12-lead monitoring cables; patient electrode cable
**	2	Extra charged batteries and battery support charger available
**	2 rolls	ECG paper suitable for the monitor
	2 sets Min 20	Pace-defib Pads - Cardiac monitor-specific (see above) – Adult + 1 set Peds Monitoring electrodes (store in closed pkg. to maintain moist gel) Ambu, Zoll or 3M Red Dot
	Unit specific	Notes on PEDs pads: Zoll Pedi-Padz: are not compatible with the Zoll AED Plus and will not plug into the unit. Use “ZOLL Stat-Padz II, CPR-D-Padz or Pedi-Padz II”. “Only use electrodes labeled “Infant/Child” on children < 8 yrs or weighing <55 lbs (25 kg). Use CPR-D-Padz® if pt is > 8 yrs or weighs >55 lbs. (25 kg).” Physio-Control Lifepak-15: Must use manufacturer recommended pads for peds pts: These pads have limitations for age & wt. ranges for infants and children in manual & AED modes. In manual defib mode, cannot be used for children <22 pounds, and in AED mode, cannot use for pts <8. Cannot use an LP15 in the AED mode for peds regardless of pad type. The LP15 manual, (section 5 pages 5-7), under “AED” states, “In AED mode, the LIFEPAK 15 is not intended for use on pts < 8 yrs.”
**	Opt.	3M surgical clipper with single patient use disposable pivoting heads – model 9661.
	1	Washcloth (or towel) to prep skin for 12-L ECG (suggest keep washcloth in monitor pouch)
	10	Alcohol skin prep pads (for 12-L ECGs only)
ALS	1 tube	Conduction gel for defibrillator paddles
BLS**	1	Automated External Defibrillator w/ adult and pediatric capability Manufacturer specific adult and pediatric pads compatible with AED unit (See above notes)
**IL	1	Pulse oximeter (adult & peds): Units installed in approved cardiac monitors preferred. Must include: non-disposable peripheral AND central sensors (ear clip or Y sensor). PEDS: Adult Y-sensors can be used for child, infant, neonate. May also use: adhesive sensors. (Approved stand-alone units: BCI, Novamatrix, Nellcor, PaceTech)
ALS** BLS may apply sensors	1 ea per brand monitor carried	Capnography (quantitative & waveform display): Side/microstream w/ waveform; units on System-approved cardiac monitor defibrillators need NC plus in-line ETCO ₂ sensors (Stand-alone units need system approval): Physio, ZOLL X-series: <ul style="list-style-type: none"> Spontaneously breathing - Oridion Microstream Smart CapnoLine Plus O₂, 100/case, # 010210 Spontaneously breathing - Oridion Microstream Smart CapnoLine Plus O₂, Pediatric #007269 Assisted ventilation - Oridion, Microstream FilterLine Set, 100/case, # 010579 ZOLL - E & M series: <ul style="list-style-type: none"> Spont. breathing - Oral/Nasal CO₂ w/O₂ cannula Adult (10/box ref # 8000-0358) Spont. breathing - Oral/Nasal CO₂ w/O₂ cannula Peds (10/box ref # 8000-0359) Assisted ventilation - Airway Adapter Kit, Adult/Pediatric (10/box ref # 8000-0362) Hudson RCI product cat # 1768 "step-down adapter" (25/case)
** IL	1 each	Blood pressure cuffs: Adult, Child, Infant assorted sizes (aneroid-type gauge)
** IL	1	Clock that counts seconds (watch or electronic) available at point of pt. contact to count pulse & RR

KEY	Min.	ITEM/descriptors/notes
**	2	Penlights with batteries (may be personal equipment of EMS clinician)
** IL	2	Stethoscopes (diaphragm type acceptable; diaphragm + bell preferred)
**	1	Thermometer (non-glass; non-mercury): oral (digital), tympanic membrane, temporal artery; non-contact infrared all acceptable
Glucose meters/testing supplies: Vendor & special pricing: Henry Schein EMS; rep info last page		
**	1	<i>Microdot Xtra Glucometer</i> in orange or thermoinsulated pouch with meter disinfection case and timer (while supplies last)
	1 bottle*	<i>Microdot Xtra</i> glucose test strips (label w/ expiration date – *minimum 5 strips) Test strips (50)/bottle 700-1130 (preferred) or 25/bottle 700-1129
**	1 each	<i>Microdot Xtra</i> Hi/Lo test solution 700-1131 - label w/ discard date (90 days after opening)
	4	<i>Microdot Lancets</i> 700-1775 (May use any brand of lancets)
	1 (opt)	<i>Microdot Pro Glucometer</i>
	1 bottle*	<i>Microdot Pro</i> glucose test strips - label w/ discard date (90 days after opening) – *minimum 5 strips **Not compatible with Microdot Xtra glucometer**
	1 each	<i>Microdot Pro</i> Hi/Lo test solution - label w/ discard date (90 days after opening) **Not compatible with Microdot Xtra glucometer**
DRESSINGS/BANDAGES – Hemorrhage Control		
IL	20	Sterile 4 X 4s
**	2	Chest seals: Vented w/ exhaust valve (Bolin) or laminated vent channel (ITLS). Hyfin seals in Region 9 Mass Violence Kits OK
IL	2	Vaseline gauze 3" X 8"
IL	6	Trauma dressings
	10	Band-Aids - assorted sizes
	1 ea	Elastic bandages: 4" width, 6" width
IL	10 ea	Self-adhering roller gauze: Kerlix 4" x 5 yards;
IL	2 rolls	Adhesive (surgical) tape: ½" or 1"; 2" (to use w/ towels for c-spine motion restriction)
IL	2	Burn sheets, clean individually wrapped (do not need to be sterile)
**	1 roll	Plastic wrap - for burns, large chest wounds; http://www.acep.org/content.aspx?id=40462
**	Opt	Water-Jel (Hydrogel) burn dressings: kits or separate sizes; minimum: facial, hand, and at least one larger dressing (#1510-52111) recommended. Special pricing: Safeguard Medical; distributor: Boundtree
	1	Hemostatic gauze: Preferred - Celox RAPID® 5 foot (Z-fold hemostatic gauze). Special System pricing – Quote: CMS-05795-W8H4. <u>Approved alternative QuikClot 3" X 2 ft.</u>
	2	Commercial arterial tourniquet, disposable: Combat Application Tourniquet (C-A-T®) – Rescue Orange, Item # 30-0023; North American Rescue Inc., (Henry Schein), Tactical Mechanical Tourniquet (TMT) (Safeguard medical) or approved equivalent. System pricing available. Those in Region 9 Mass Violence Kits OK.
	1 opt.	iTClamp® wound closure hemorrhage control device - Innovative Trauma Care®, San Antonio, Tx
SPLINTING/IMMOBILIZATION/SPINE MOTION RESTRICTION EQUIPMENT		
IL	2 1 1	Cervical collars adult: Perfit ACE™ Adjustable Collar (AMBU 281 000) Michael Roda773-620-0865 OR Laerdal Stifneck Select™ adjustable collar. Approved alt: Philly EMT's Select adj. extrication collar Cervical collars peds and infants: Mini Perfit ACE™ Adjustable Extrication Collar (AMBU 281 106) – fits infants and children OR Stifneck extrication collars: Peds CP 300 or peds adjustable collar (light blue) Baby No-Neck CB 200 (pink) or Mini Perfit ACE™ Adjustable Extrication Collar (AMBU 281 106)
**	1 (amb)	Cervical immobilizer: "Para-Brace," Headbed II (Laerdal) or Ferno Headhugger Model #455; Multi-Grip® Head immobilizer; Pro-Lite® Head immobilizer; Philly Patriot extrication collar; Hoover Headblock or approved equivalent.
** IL	2 ea	Rigid limb splints (adult): long and short; Pro-Splints or approved equivalent (SAM splint)
** IL	2 ea	Rigid limb splints (peds): long and short; Pro-Splints or approved equivalent (SAM splint)
** IL	1	Leg traction splint (adult) Hare, Sager; Faretec CT-6® or Slisnman Traction Splint
** IL	1	Leg traction splint (peds) Hare or Sager; not required if Faretec CT-6® or Slisnman is carried
**	1 set-opt.	Vacuum splints (adult) MDI: Deluxe pkg. includes; 1 ankle/wrist; 1 ea. small, med, lg. limb splint + pump. Hartwell Medical FASPLINT® semi-disposable vacuum splints: small, medium, large, pump
** IL	1 (amb)	Long spine board: Radiolucent material 72" X16" minimum with 3 sets of torso straps, Alternative straps: spider straps, quick connect torso straps or disposable backboard straps.
**	1 (amb)	Backboard padding - blanket layers OR commercial device: Turley Backboard Pad (http://www.turleybackboardpad.com) Thomas EMS Back Raft, EMS Backboard Padding (www.thomasems.com/Back_Raft.html); Trauma Travel Pad (www.traumatravelco.com/about.htm) Trauma Technologies Spineboard pad E1431 (www.traumatechinc.com/products/pro

KEY	Min.	ITEM/descriptors/notes
		tech-pads/disposable-spineboard-pad-e1431/); Pro-Tech Spine Board Gel Pads (www.traumatechinc.com/products/pro-tech-pads/pro-tech-spine-board-gel-pads/); Morrison Medical Pads (www.morrisonmed.com/3041_PRESSUREPAD.pdf www.morrisonmed.com/Gel_Pads.pdf)
**	1 (amb)	Scoop Stretcher: Ferno 65 (replace 65 via attrition), EXL or CombiCarrier II, or approved equivalent
** IL	1	Short spine board: (32" X 16" min) radiolucent material with two 9-foot torso straps; 1 each chin and head strap OR equivalent vest type (wrap around) per vehicle; extrication device optional (see below)
**	1	Means to stabilize the pelvis (adult and pediatric): Hippy Hold Pelvic Sling (Boundtree) , Kendrick Extrication Device; vest type (wrap around) device
IL	5	Triangular bandages or arm slings
MISCELLANEOUS SUPPLIES		
** IL	1 pair	Bandage scissors or all-purpose "crash" scissors
IL	1	Emesis collection container - Bath basin ConvenienceBAG™ by GKR Industries Opt.
IL	1 ea	Bed pan/urinal (Squad exempt)
IL	1 (opt)	Body remains bag - disposable
**IL	1	Broselow pediatric emergency tape (2019) . Approved equivalents: EMSC Pocket Resource/Dosing card (2019), Handtevy™ Pediatric Medication & Equipment Guide booklet; Handtevy™ Mobile System (electronic resource); PediaTape (2021), PediWheel 6 th edition (2021), or System/Region developed pediatric dosing/supply reference charts that are dated and approved by the EMS MD.
BLS & ALS**	Opt.	Buzzy® Mini Healthcare or XL Healthcare: Intended for healthcare and multi-patient use. Features 3-minute auto-shutoff and 2 vibration settings. Package Includes: <ul style="list-style-type: none"> •1 Buzzy® Mini or XL Healthcare (choice of Black, Bee-Striped, or LadyBuzz) •4 Universal Healthcare (soft ice) Wings (need to replace the soft ice wings after each use) •1 Silicone Comfort Strap; •2 AAA Batteries (preinstalled in unit) •1 Instruction Manual For ordering information see: https://buzzyhelps.com/products/buzzy%C2%AE-xl-healthcare
IL	4 ea	Chemically-activated thermal packs: Hot - 5¼" x 10" Cold - 5¼" x 10"
BLS & ALS**	Opt.	Chest compression mechanical CPR Device (approved piston-type CPR devices) : Approved units may only be deployed after System-approved education and competency measurement. All disposable elements for each unit are the responsibility of the Provider Agency to replace. Lifeline ARM XR ACC (Defibtech) – Michael Lall; AED Professionals; michael@aedprofessionals.com Cell: 312-307-8178 Office: 847-202-3233 LUCAS™ 2 or 3 Chest Compression System (PhysioControl – See account manager back page) ROSC-U : Bound Tree Medical Account Manager – see back page Other automated CPR devices with FDA approval may be grandfathered/waivered when an EMS Agency joins the NWC EMSS and alternate products are already deployed. New agency agrees to purchase System-approved devices when grandfathered equipment is replaced.
BLS & ALS	1	ResQPOD® impedance threshold device (Zoll)
**IL	10	SMART triage tags and State-approved MCI triage algorithms (START/JumpSTART)
	2 (amb)	Disposable drinking cups (may also be used as eye shields)
	1 box	Facial tissue (Squads exempt)
**	Opt.	Nose clips (disposable) "Snuffer" – VacuMed 800-235-3333 http://www.vacumed.com/zcom/product/Product.do?compid=27&prodid=189
IL	2	OB kits (sterile) pre-packaged with these minimal supplies: sterile towels, scissors or retractable blade/ scalpel, two umbilical cord clamps, maternal pads, placenta bag, gloves, mask with eye protection, drape sheet, gauze sponges, underpad, disposable gown/apron, and bulb syringe.
IL	1	OB infant thermal absorbent blanket and head cover: aluminum foil roll or appropriate heat reflective warming material: **Silver Swaddler, **Chemically-activated Baby Warmer OR **Mylar blanket; plus writable ID bracelets
** IL	1 set of 4	Restraints (medical grade): Arm and leg sets; leather or commercially available; buckle or Velcro types, no key locks. "Twice as Tough" by Posey XD Cuff® REF 117 (XDcuff Starter Pack) or NEON XDcuff® (reusable or disposable) Special pricing available from the company No soft, cloth restraints
**	1	Ring cutter
**IL	10	Ambulance emergency run reports that contain the data elements from Section 515.Appendix E or electronic documentation with paper backup: NWC EMSS Short Form PCR.
**	As listed	System Refusal/release forms X 10 (unless available electronically) Bus accident logs X 5 Domestic violence shelter information X 5 Peer to Peer Controlled Substance Exchange Form X 5

KEY	Min.	ITEM/descriptors/notes
**	1 ea	SOPs (current edition), selected excerpts from Policy Manual, Procedure Manual (unless available electronically)
UNIVERSAL PRECAUTIONS; HAND HYGIENE; DISINFECTION SUPPLIES		
		1 set approp. size for each responder in close proximity to pt (2 persons) Plus 1 set for driver & responder cleaning vehicle
IL		PPE appropriate for standard, contact, droplet & airborne precautions. Gloves - Specs: disposable (single-use) latex-free; hypoallergenic, appropriate sizes readily accessible, glove liners, and powderless gloves should be available Large, long-sleeved, disposable gown , shoe coverings: Head covers or fluid repellent gowns/shoe covers may be needed for protection under certain emergency declarations (Ebola, C-Diff with watery diarrhea; Monkeypox). Heavy-duty utility gloves for decontamination/disinfection HazMat Level-C protection if required by national emergency declaration (not needed for Covid-19)
IL		N95 respirators CDC/OSHA approved - must be fit tested (replacement item only)
IL		Full-face shield or protective eyewear - goggles or wrap-around safety glasses w/ solid side shields.
IL		Disposable (procedural/surgical) face masks (enough for responders + patient)
**	1 bottle	Waterless hand sanitizer agent: topical 60-95% alcohol-based germicide or approved equivalent
**		Surface disinfectant meeting EPA standards for at least Tier 1 and 2 pathogens. See List N: https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2 & List Q: Disinfectants for Emerging Viral Pathogens (EVPs): List Q US EPA CaviWipes 1 XL (1 min wet dwell time preferred) or other towelettes/sprays for intermediate-level disinfection of non-porous surfaces
**	1 roll	Durable, waterproof, cloth/scrim-backed, tape (duct tape)
IL	2	Red impermeable biohazard-labeled isolation bags for contaminated linen (CDC Approved)
	**OPT	UV Light equipment that has been FDA, EPA, and OSHA approved for disinfection of medical surfaces; DuoGuard (for mobile units) Zone 360. Ultraviolet germicidal equipment for indoor spaces. Approved vendors: Aerapy, LLC; AeroClave LLC
	**OPT	SteraMist ionized Hydrogen Peroxide (iHP™) – TOMI Environmental Solutions™
PATIENT LIFTING/CONVEYANCE DEVICES Linens – Not required for Squads		
** IL	1	Primary patient litter –Multi-level, wheeled, at least 75" to 80" long, 22" wide; allows for head to be elevated upward to a 60° semi-sitting position; provided with crash-stable, quick release, 3-point fasteners; and 3 set of straps + over shoulder straps. Designed so the frame or handle permits up to four persons to carry the litter, and is easy to move, load, clean, and disinfect. Three-point fastener for cot. Must fit securely in fastener. Bariatric stretchers approved as optional.
** IL	1	Collapsible evacuation chair or stair chair with appropriate sets of straps
**	**Opt.	Heavy-duty, vinyl-coated transfer sheet or sling with carrying handles or equivalent
** IL	1 OR	Pediatric restraint systems or age/size appropriate car safety seats that meet federal motor vehicle standards (FMVSS) 213 & 302. Child safety seat info: http://www.nhtsa.gov/portal/nhtsa_eou/info.jsp?type=all . NHTSA Recommendations Safe Transport Children in Ambulances http://www.nhtsa.gov/staticfiles/nti/pdf/811677.pdf OR
**	1	Preferred: Quantum ACR-4 transitioning to Emergency Child Restraint System: Fits children 4–110 lbs. OR Ferno Pedi-mate #BB-6780 (10-40 lbs. -does not fit all stretchers) or Pedi-mate plus (10-100 lbs.). If Pedi-mate does not secure newborn, use infant car seat or Aegis Seatbelt of Maternity (below)
**	**Opt.	Ferno MedKids Pedi-Sleeve: immobilizes child 12-60 lbs. #BB-6770 or Pedi-Pac™ #IE-7800
**	**Opt.	Aegis Seatbelt of Maternity: transport newborn & mom (5 sizes + seatbelt attachment) QUANTUMEMS through Saplacor https://saplacor.com/
**	**Opt.	Mangar CAMEL: Bariatric lifting device; Oak Pointe Medical
**IL	**2 Opt.	Pillows and pillow cases
IL	2 ea	Linens: sheets, blankets for ambulance cot; appropriate for seasonal temperatures
**IL	1	Material or device intended to maintain body temperature
COMMUNICATIONS EQUIPMENT:		
Each ambulance shall have reliable ambulance-to-hospital radio communications capability and meet the requirements provided in Section 515.400.		
ALS** IL	1	Portable UHF radio with charger (General Devices, APCOR or equivalent) with touch pad adaptor and UHF 4-channel capability (Med 1, 5, 6 and 8) or cellular phone (tested and working)
** IL	1	Permanently mounted mobile radio with VHF channel 340 or 400 depending on location (must maintain FCC license and provide copy for EMS plan)
NON-PATIENT CARE ITEMS		
** IL	2	Fire extinguishers - ABC dry chemical, min. 5 lb. with quick-release brackets; driver & pt compartments
** IL	1	Flashlight – portable, battery operated
**	6	Flares or triangular reflectors; self-igniting, lasting for 30 minutes
**	2	No smoking signs

KEY	Min.	ITEM/descriptors/notes
**	1	Wrench, 12" with adjustable open end
** IL	1	Wrecking bar, 24"
**	1 ea	Screwdriver, 12" with regular blade and Phillips type
**	1	One of the following: Hammer, 3 lb. with 15" handle, OR fire axe, flat head
**IL	1	Goggles for eye safety - hard, impact resistant
** IL	1 ea	ANSI Class 2 or 3 reflective vests or outerwear; size-appropriate for each responder
**IL		Nonflammable reflective and/or illuminated roadside warning devices

Mass Violence Bags – Issued per Region IX (replacements responsibility of agency or System exchange if used)

#	Item	#	Item	#	Item
1	Maxpedition bag	2	Sharpie markers	4	Rescue blankets
1	Trauma shears	4	Lubricant (water soluble)	4	CAT or TMT tourniquet
4	28 Fr. NPA	4	Hyfin chest seal (more/agency expense)	3	Olaes bandage
2	Celox bandage (prefer <i>CeloxRapid Z fold</i>)	4	*Decompression Needles (strongly prefer minimum 10-12 g; 3" long needles) (Not issued for BLS bags)		

Recommend the availability of body armor (Helmet and vests) for those agencies participating in RTF teams.

Safety/General Vehicle

<input type="checkbox"/> Patient area is clean	<input type="checkbox"/> Siren and flood lights operational
<input type="checkbox"/> Equipment in patient area is secured/crash-stable	<input type="checkbox"/> Current IDOT safety inspection sticker on windshield
<input type="checkbox"/> Temp/environmental control standards met for meds	<input type="checkbox"/> No visually apparent issues would compromise safety of the pt, EMS personnel or the public
<input type="checkbox"/> Emergency warning lights operational	<input type="checkbox"/> Illinois Poison Center Number (In SOPs)
<input type="checkbox"/> IDPH Central Complaint Hotline number (must be posted where visible to patient)	

Vendor Contact information:

<p>Bound tree: Sam Vollrath Southern WI/Northern IL Mobile: (608) 381-8172 Sam.Vollrath@Boundtree.com</p> <p>Angela Rashid Account Manager, IL Phone: 614-760-5101 Fax: 866-561-1589 angela.rashid@boundtree.com</p>	<p>Eitan Group North America (Sapphire Pump) L.J. Relle, BBA, NRP, FP-C, CCP-C (Education) lj@pacificbiomedical.com C:504-382-9638 www.eitanmedical.com</p> <p>Purchases: Med Alliance: Steve Fina 630-247-0770 stevefina@yahoo.com</p>
<p>Henry Schein EMS: Bill Beetschen (847) 366-7989 (24/7) bill.beetschen@henryschein.com</p>	<p>Philips: Bill Carlson Cell: 224-230-9860 William.Carlson@Philips.Com</p>
<p>Tim Aebly: Account Executive DRE Medical T: (877) 321-8194 / dremed.com Carries certified refurbished Zoll & PhysioControl monitors</p>	<p>Bill Cunningham: Penn Care, Inc. Phone: (800) 392-7233 X 135 bill@penncare.net Best price on Bolin chest seals, LifePak 15 ECG Paper</p>
<p>Flexicare ProVu Laryngoscope Caleb Waugh caleb.waugh@flexicare.com C 714-614-1234 T 949-450-9999</p>	<p>SafeBVM™ Adult Sotair device Haris Shekhani haris@safebvm.com 314-973-6606</p>
<p>Innovative Trauma Care: iTClamp; 3463 Magic Drive, Suite 120 San Antonio, TX, 78229 1-855-774-4526 maggie@innovativetrauma.com 727-483-4336 https://tactical-medicine.com/products/itclamp-hemorrhage-control-device</p>	
<p>Alix Webber - MDS - Vascular Access E: alix.webber@bd.com C: 847-239-2813</p>	<p>Safeguard medical: System pricing Celox and TMT tourniquet jenniferro@safeguardmedical.com</p>
<p>Mercury Medical: Stormy Grinnell Territory Mgr IL & Iowa Cell – (630) 432.1466 www.mercurymed.com</p>	<p>Teleflex (EZ-IO): Tyler Provost M: 216.894.7708 tyler.provost@teleflex.com Toll-free: 866-246-6990 North Chicago Sales Representative, Emergency Medicine</p>
<p>Quantum EMS Solutions 516-321-9494 www.quantum-ems.com sales@quantum-ems.com</p>	<p>David Dufek XDcuff® P. (386) 275 -8361 david@xdcuff.com Contact for special pricing</p>
<p>PhysioControl/Stryker Emerg Care: Steven Schmidt C: (847) 636 0802 steven.schmidt@stryker.com</p> <p>Gianna Scarpetti Sales Mgr – Chicagoland Stryker: Patient Resuscitation and Treatment C: 760 715 7025 www.lucas-cpr.com gianna.scarpetti@stryker.com</p> <p>Savannah Johnson – Sales Rep (616)-258-9426 savannah.johnson1@stryker.com</p>	<p>Zoll : Caroline Guibord Senior Account Executive EMS Cell: (773) 425-0710 cguibord@zoll.com</p> <p>Danny Deutsch; Territory Manager – Ventilation Phone: (248) 915-0122 Daniel.Deutsch@zoll.com Order supplies - https://www.zollwebstore.com/ Technical support – (800)348-9011</p>
Ambulance disinfection products	
<p>AeroClave, LLC Toll free: (800) 788-9119; Phone: (407) 788-3300 www.aeroclave.com</p>	<p>TOMI™ U.S. HEADQUARTERS (Steramist) Phone: 800.525.1698 Fax: 301.710.5222 TOMIMIST.COM info@tomimist.com</p>
<p>Annette Uda: Aerapy, LLC (UV light device (630) 377-0348 x110; M: (630) 802-5244 www.Aerapy.com Meticulous cleaning and disinfecting of all surfaces per guidelines is required before using UV products.</p>	