

NORTHWEST COMMUNITY EMS SYSTEM - Drug/Supply/Equipment List

Last revised: 3/7/23

- 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 drugs packaged in boxes, in the original box to facilitate correct identification.)						
BLS & ALS	6	Acetaminophen (Tylenol) chewable tablets				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 (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) (<u>see approved alt in shortage</u>)				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	3*	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 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)

KEY	Min.	ITEM	PACKAGING
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): 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.	
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; 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, cuffed for use with King Vision curved channeled blade	
ALS	2 adult (1 ea. size w/ cric kit)	Bougie – disposable (required for all ETI attempts and surgical crics PREFERRED: SunMed, BOUGIE-TO-GO 9-0212-82 15 FR x 60 cm Adult, Coudé Tip (replace current stock by attrition) (Boundtree - 2120-21282); 9-0211-70 10 Fr x 70 cm Pediatric, Coudé Tip Portex Smiths Medical, Single Use Bougie Coude Tip 15 Fr and 10 Fr, ref 100/123/515	
IL	3 packets	Water-soluble lubricant (individual packets)	
	1	High-Efficiency Particulate Air (HEPA) viral and bacterial filter for use during BVM & ETI procedures. Must be validated against passage of COVID-19 and Mycobacterium tuberculosis in addition to standard test micro-organisms. <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 <i>Slim</i> 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	
		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	
ALS	2	King Vision Video Laryngoscope Blade , Channeled, Disp,18mm, w/White LED, Digital CMOS Camera	
ALS	1	i-gel® Supraglottic airway (Resus pack includes i-gel, lube, strap) (Boundtree)	
		Size 5, large adult 200+ LBS / 90+kg (2114-87303 Resus Pack) 6/case	
		Size 4, medium adult 110-200 LBS / 50-90kg (2114-87302 Resus Pack) 6/case	
		Size 3, small adult 65-130 LBS / 30-60kg (2114-87301 Resus Pack) 6/case	
		Size 2.5, large pediatric 55-77 LBS / 25-35kg (2114-08225)	
		Size 2.0, small pediatric 22-55 LBS /10-25kg (2114-08202)	
	1	Size 1.5, infant 11-25 LBS / 5-12kg (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 & 7-7.5 mm ET tube adaptor	
ALS	1	ETCO ₂ inline sensor	
ALS	1	10 or 20 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 optional	
ALS	1	#11 Scalpel	
ALS	1 ea. size	Bougie as above: must be used for all surgical crics, 15 Fr and 10 Fr (peds fits 4 mm to 6 mm tubes)	

KEY	Min.	ITEM	PACKAGING
SUCTION-RELATED EQUIPMENT			
**	1 (amb)	Installed suction: Must provide airflow of >20 L/min at end of 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: Unit 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) to be reached within 4 sec after the tube is clamped. Unit must operate from an internal battery supply that is rechargeable or gas-powered and will allow the unit to meet the 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, it will be attached to its own oxygen cylinder and not to spare D or E cylinders intended for portable oxygen use. Approved manually operated suction devices: V-Vac & Res-Q-Vac®	
IL	2 each	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™ SSCOR # 200-00002	
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 each	Nasal cannula – adult & pediatric (EtCO ₂ nasal cannula meets requirement)	
IL	2 adult 2 each	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 adaptor 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, ET/CO 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	
IL	1 pediatric	Disposable pediatric BVM: (500 mL w/ reservoir): Preferred product: Ambu Spur II Pediatric w/ mask & reservoir, filters, ET/CO 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: AMBU Spur II Infant bag w/reservoir, filters, ET/CO ₂ , manometer, 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	
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)	

KEY	Min.	ITEM	PACKAGING
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 their plastic over pouches to temps not exceeding 40°C (104°F) up to max of 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	Driver stored 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 medications from ampules) Suggested manufacturers: needles Sherwood Cat. # 81-305117; filtered straws Braun FS/5005 #1613199 case/100	
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; Zoll (E)/X series (Real BVM Help™ on X Series® Advanced optional); Philips Tempus Pro monitor or, MRx. All units purchased after 3/1/01 must have non-disposable adult and pediatric paddles as backup (IL)	

KEY	Min.	ITEM	PACKAGING
ALS	Monitor specific	Real-time CPR feedback - Required before any mechanical CPR device is deployed. Mandatory for all front-line ALS ambulances unless waiver granted: ZOLL CPR Stat Padz, HVP Multi-Function (8 Pair/Case) Physio Control : TrueCPR™ Coaching Device	
**	1	Patient electrode cable - System approved	
**	2	Extra charged batteries and battery support charger available	
**	2 rolls	ECG paper suitable for the monitor	
	2 sets 1 set 1 each Min 20	Pace-defib Pads - Cardiac monitor manufacturer-specific - Adult Peds paddles or Provider may purchase manufacturer-specific pediatric pads 3, 4, or 5-lead and 12-lead monitoring cables Monitoring electrodes (store in closed pkg. to maintain moist gel) Ambu, Zoll or 3M Red Dot	
**	Unit specific	<p>Notes on PEDs pads:</p> <p>Zoll Pedi-padz: These defib pads (manufactured by Zoll) are not compatible with the Zoll AED Plus and will not plug into the unit. The Zoll AED Plus Administrators Guide (p. 30) states to use "ZOLL Stat-padz II, CPR-D-padz or Pedi-padz II" and to "Only use electrodes labeled "Infant/Child" on children < 8 years old or weighing <55 lbs. (25 kg). Use CPR-D-padz® if patient is older than 8 years or weighs more than 55 lbs. (25 kg)."</p> <p>Physio-Control Lifepak-15: Not to use non-manufacturer recommended pads for LP-15 units with the intent of using them for peds pts: These pads have limitations for age & wt ranges for infants and children in manual & AED modes. The pads' packaging states that in manual defibrillator mode, these pads cannot be used for children weighing under 22 pounds, and in AED mode, are not to be used for patients under age 8. Cannot use an LP15 in the AED mode for peds regardless of pad type. The LP15 manual, in section 5 pages 5-7, under "Automated External Defibrillation (AED)" states, "In AED mode, the LIFEPAK 15 is not intended for use on peds pts < 8 years old."</p>	
**	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	
**IL	1	Pulse oximeter with adult and peds sensors (peripheral and central): Units installed in system-approved cardiac monitors preferred. Must include: non-disposable peripheral AND central sensors (ear clip or Y sensor - preferred), AND have peds monitoring capabilities (adult Y-sensors can be used for child, infant, neonate). May use: Y-sensor instead of adult finger clip; adhesive sensors. (Approved stand-alone units: BCI, Novamatrix, Nellcor, PaceTech)	
ALS** BLS may apply sensors	1 ea per brand monitor carried	<p>Capnography: Side/microstream w/ waveform; units on System-approved cardiac monitor defibrillators need NC plus in-line ETCO₂ sensors (Stand-alone units need system approval): Physio, ZOLL X-series:</p> <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 <p>ZOLL - E & M series:</p> <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 - for use counting pulse & RR	
**	2	Penlights with batteries (may be personal equipment of EMS personnel)	
** IL	2	Stethoscopes (diaphragm type; diaphragm + bell acceptable)	
**	1	Thermometer (non-glass; non-mercury): oral (digital), tympanic membrane, temporal artery; non-contact infrared thermometer 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:	
	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)	
DRESSINGS/BANDAGES – Hemorrhage Control			
IL	20	Sterile 4 X 4s	

KEY	Min.	ITEM	PACKAGING
**	2	Chest seals: Vented with exhaust valve (Bolin) or laminated vent channel (ITLS standard). Hyfin seals provided in Region 9 Mass Violence Kits OK	
IL	2	Vaseline gauze 3" X 8"	
IL	6	Trauma dressings	
	10	Band-Aids - assorted sizes	
	1 each	Elastic bandages: 4" width, 6" width	
IL	10 each	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: Celox RAPID® 5 foot (Z-fold hemostatic gauze). Combat Medical Systems, PN 30-215 (red package). Special System pricing – Quote: CMS-05795-W8H4 (2) QuikClot – EMS 4X4 Hemostatic Dressing (3 in package) Phase out by attrition.	
	2	Tourniquet, disposable: Combat Application Tourniquet (C-A-T®) – Rescue Orange, Item # 30-0023; North American Rescue Inc., www.narescue.com (Henry Schein), Tactical Mechanical Tourniquet (TMT) Combat Medical Systems (see contact info for Celox) or approved equivalent. – System pricing available. Those provided in Region 9 Mass Violence Kits OK.	
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 each	Rigid limb splints (adult): long and short; Pro-Splints or approved equivalent (SAM splint)	
** IL	2 each	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 Sliselman Traction Splint	
** IL	1	Leg traction splint (peds) Hare or Sager; not required if Faretec CT-6® or Sliselman 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-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 OR	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	KED (Kendrick Extrication Device) vest type (wrap around) device (use for pelvic fx splinting)	
IL	5	Triangular bandages or arm slings	
MISCELLANEOUS SUPPLIES			
** IL	1 pair	Bandage scissors or all-purpose "crash" scissors	
IL	1	Bath basin or emesis receptacle - (ConvenienceBAG™ by GKR Industries)	
IL	1 each	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 (2016) printed booklet; HandTevy™ Mobile System, v5 (electronic resource); PediaTape (2021), PediaWheel 6th edition (2021), or System/Region developed pediatric dosing/supply reference charts that are dated and approved by the EMS MD.	

KEY	Min.	ITEM	PACKAGING
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: •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 (Defibtech) - Kristin Schwan; AED Professionals; 348 W. Colfax, Palatine, IL. 60067 O: (847) 202-3233; C: (847) 702-3858; Kristin@aedprofessionals.com LUCAS™ 2 or 3 Chest Compression System (PhysioControl – See account manager back page) ROSC-U: Bound Tree Medical Account Manager – see back page Alternate automated CPR devices with FDA approval may receive waived grandfathered System approval on an individual basis when an entire EMS Agency joins the NWC EMSS and alternate products are already purchased and deployed in their inventories. The new agency agrees to purchase System-approved devices when the grandfathered equipment must be replaced through attrition.	
BLS & ALS	1	ResQPOD® impedance threshold device (Zoll)	
**IL	10	SMART triage tags and State-approved Mass Casualty Incident (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) plus stockinet caps for neonates and writable ID bracelets	
IL	1	OB infant warming material: Aluminum foil, **Silver Swaddler, **Chemically-activated Baby Warmer OR **Mylar blanket	
** IL	1 set of 4	Restraints (medical grade): Arm and leg sets; leather or commercially available equivalent; buckle or Velcro types, no key locks. "Twice as Tough" by Posey XD Cuff® REF 117 (XDcuff Starter Pack) reusable or disposable) Special pricing available from the company No soft, cloth restraints	
**	1	Ring cutter	
**IL	10	Ambulance emergency run reports Paper backup: Stock System-approved paper backup PCR.	
**	As listed	System Refusal/release forms x 10 (unless available electronically) Bus accident logs x 5 Domestic violence shelter information x 5	
**	1 each	SOPs (current edition), selected excerpts from Policy Manual, Procedure Manual (unless available electronically)	
UNIVERSAL PRECAUTIONS; HAND HYGIENE; DISINFECTION SUPPLIES			
IL	1 set approp. size for each responder in close proximity to pt (2 persons) Plus 1 set for driver & responder cleaning vehicle	PPE appropriate for standard, contact, droplet & airborne precautions. Gloves - Specs: disposable (single-use) latex-free; appropriate sizes should be readily accessible---hypoallergenic gloves, 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 from gross contamination under certain emergency declarations (Ebola, C-Dif with watery diarrhea; <u>Monkeypox</u>). Heavy-duty utility gloves for decontamination/disinfection. HazMat Level-C protection if specifically required by national emergency declaration (not needed for Covid-19)	
IL		N95 respirators 3M; Technol, Moldex, or approved equivalent - must be fit tested or only acts like a surgical mask (replacement item only)	
IL		Full-face shield or protective eyewear - goggles or wrap-around safety glasses plus disposable surgical facemask and eye protection, including solid side shields.	
IL	EMS + pt	Disposable (procedural/surgical) face masks	
**	1 bottle	Hand washing agent: topical 60-95%_alcohol-based germicide or approved equivalent	
**		Surface disinfectant must meet EPA requirements 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 and List Q: Disinfectants for Emerging Viral Pathogens (EVPs): List Q US EPA Approved: CaviWipes1 XL (1 min wet dwell time preferred) or other disinfecting towelettes or sprays for intermediate-level disinfection of non-porous surfaces	
**	1 roll	Durable, waterproof, cloth/scrim-backed, tape (duct tape)	

KEY	Min.	ITEM	PACKAGING
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 – Ferno Washington, Stryker, or approved equivalent. Specs: 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 to ensure 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 are approved as optional.	
** IL	1	Secondary patient litter - folding and/or collapsible stretcher with 3 sets of straps	
**	**Opt	Heavy-duty, vinyl-coated transfer sheet or sling with carrying handles or equivalent	
** IL	1 OR	Pediatric specific 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	Strongly encouraged: Quantum ACR-4 system transitioning to Emergency Child Restraint (ECR) System: Fits newborns and children weighing 4–110 lbs OR Ferno Pedi-mate #BB-6780, child 10-40 lbs (does not fit all stretchers) or Pedi-mate plus (child 10-100 lbs). If Pedi-mate will not secure newborn, must also carry 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 to transport newborn with mother (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 each	Linens: sheets, blankets for ambulance cot; appropriate for seasonal temperatures	
**IL	1	Material or device intended to maintain body temperature	
COMMUNICATIONS EQUIPMENT			
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 - Specs: ABC dry chemical, min. 5 lb. unit with quick-release brackets. One mounted in driver compartment and one in patient compartment.	
** IL	1	Flashlight – battery powered 6 volt - stand up lantern type	
**	6	Flares or triangular reflectors; self-igniting, lasting for 30 minutes	
**	2	No smoking signs	
**	1	Wrench, 12" with adjustable open end	
** IL	1	Wrecking bar, 24"	
**	1 each	Screwdriver, 12" with regular blade and Phillips type	
**	1	One of the following: Hammer, 3 lb. with 15" handle, OR fire axe, flat head	
	1	Goggles for eye safety - hard, impact resistant	

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

Item	Amount / Bag	The System also recommends the availability of body armor (Helmet and vests) for those agencies participating in RTF teams.	
(Maxpedition) Bag	1	Sharpie Markers	2
Trauma Shears	1	Rescue Blankets	4
28 Fr NPA	4	Lube	4
Hyfin Chest Seal	4 (may carry more at agency's expense)		
Celox Bandage	2 (Prefer <i>CeloxRapid Z fold</i>)	Olaes Bandage	3
CAT II Tourniquet	4 (may carry TMT)		
*Decompression Needles	4 (strongly prefer minimum 10-12 g; 3" long needles) (Not issued for BLS bags)		

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 rep: Sam Vollrath Southern WI/Northern IL Mobile: (608) 381-8172 Sam.Vollrath@Boundtree.com</p> <p>Kelsey Milano 5000 Tuttle Crossing Blvd Dublin Ohio 43016 Phone: 614-762-5230 Fax: 866-561-1589 kelsey.milano@boundtree.com</p>	<p>Bill Cunningham: Penncare 1317 North Road, Niles, Oh Phone: (800) 392-7233 X 135 bill@penncare.net Best price on Bolin chest seals, LifePak 15 ECG Paper</p>
<p>Henry Schein EMS: Rep: Bill Beetschen Cell: (847) 366-7989 (24/7) bill.beetschen@henryschein.com</p>	<p>Combat Medical Systems: Gregoray Keyes System pricing Celox and TMT tourniquet (855) 428.6074 or quotes@combatmedicalsystems.com</p>
<p>Zoll Caroline Guibord Cell: (773) 425-0710 cguibord@zoll.com</p>	<p>PhysioControl: Steven Schmidt Stryker Emergency Care 3800 East Centre Avenue; Portage, MI 49002 C: (847) 636 0802 steven.schmidt@stryker.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>Eitan Group North America (Sapphire pump) L.J. Relle, BBA, NRP, FP-C, CCP-C (Education) Clinical Consultant Eitan Medical lj.relle@eitangroup.com C:504-382-9638 www.eitanmedical.com</p> <p>Purchases: Med Alliance: Eric Brant 888-891-1200 ebrant@medalliancegroup.com</p>	<p>Teleflex (EZ-IO) Charles Smith Central Associate Sales Rep, Emergency Medicine M: 314.873.8669 E: charles.smith@teleflex.com 3015 Carrington Mill Blvd, 6 Floor South; Morrisville, NC 27560 (physical) P.O. Box 12600, Morrisville, NC 27560 (Mail) Toll-free: 866-246-6990; www.Teleflex.com (If difficulty contacting company – call Bill Beetschen)</p>
<p>Mercury Medical: Stormy Grinnell Territory Manager – Illinois and Iowa Cell – (630) 432.1466 www.mercurymed.com</p>	<p>David Dufek Paramedic/owner XDcuff® P. (386) 275 -8361 www.xdcuff.com david@xdcuff.com Contact EMS office for special pricing</p>
<p>Quantum EMS Solutions 3000 Marcus Ave, Suite #3E6, Lake Success, NY, 11042 516-321-9494 www.quantum-ems.com sales@quantum-ems.com</p>	<p>Alix Webber MDS - Vascular Access E: alix.webber@bd.com C: 847-239-2813</p>

Ambulance disinfection products

<p>AeroClave, LLC 650 S. Capen Ave Winter Park, Florida 32789 Toll free: (800) 788-9119; Phone: (407) 788-3300 www.aeroclave.com</p>	<p>TOMI™ U.S. HEADQUARTERS (Steramist) 8430 Spires Way Suite N Frederick, MD 21701 Phone: 800.525.1698 Fax: 301.710.5222 TOMIMIST.COM info@tomimist.com</p>
<p>Annette Uda: President & Founder Aerapy, LLC (UV light device) (630) 377-0348 x110; M: (630) 802-5244 www.Aerapy.com UV equipment does not penetrate blood or visible contamination on any equipment. Meticulous cleaning and disinfecting of all surfaces per National and System guidelines is needed before using UV products.</p>	