

# NORTHWEST COMMUNITY EMS SYSTEM - Drug/Supply/Equipment List

## Last revised: 7/1/19

- 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 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
<b>MEDICATIONS (Keep drugs packaged in boxes, in the original box to facilitate correct identification.)</b>						
BLS & ALS	**OPT	Acetaminophen (Tylenol) 650 mg PO (≥13 years)				tablets
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
Opt		Calcium gluconate 2.5% (Calgonate) gel				25 Gm tube
ALS	2	Dextrose 10% (D10W)				25 Gm / 250 mL
ALS	10	Epinephrine 1 mg/10 mL (1mg/mL vials with NS diluent (9 mL) OK during drug shortage; extended use dating on preloaded syringes during drug shortage)				1 mg / 10 mL preload
BLS & ALS	4	Epinephrine 1mg/1mL VIAL				1 mg / 1 mL
ALS	40 mg	Etomidate				40 mg / 20 mL
ALS	3 if able*	Fentanyl	*CONTROLLED SUBSTANCE In LOCKED CONTAINER	YES	NO	100 mcg / 2 mL (ampule pref, keep padded)
	(2)	OR Morphine 10 mg (if able) – if fentanyl unavailable; keep in controlled substance container				
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	*CONTROLLED SUBSTANCE IN LOCKED CONTAINER	YES	No	500 mg/10 mL (50mg/mL concentration)
ALS	60 mg	Ketorolac tromethamine (alt pain med during shortage)				30 mg/mL
ALS	2	Lidocaine 2%				100 mg / 5 mL preload
ALS	Need 4 Gm	Magnesium sulfate 50%				(1ea) 5 Gm / 10 mL OR (2ea) 1 Gm / 2 mL or (2 ea) 2 Gm in 50 mL NS IVPB
ALS*	2*	Midazolam	*CONTROLLED SUBSTANCE In LOCKED CONTAINER	YES	No	10 mg / 2 mL
	(2)	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 (replacement for pain med during shortage)				
ALS	1	Norepinephrine				4 mg / 4 mL (vial preferred)
		OR Dopamine premix (1600 mcg/mL) if norepi unavailable				400 mg / 250 mL or 800 mg / 500 mL D5W
ALS	2	Ondansetron				2 mg / mL (2 mL vial)
BLS & ALS	2	Ondansetron				4 mg ODT
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
BLS & ALS	2	Normal saline (sterile)				1000 mL irrigation bottle
IL	1 quart	Drinking water (may be sterile water bottle)				

KEY	Min.	ITEM	PACKAGING
ALS	4	IV solution: Normal saline (2 in warmer; 2 room temp)	1000 mL bag
ALS	1	IV solution: Normal saline	250 mL bag
ALS	2	NS injection (keep 1 w/ EZ-IO supplies)	10-20 mL preload syringes (May increase # to dilute epi during drug shortage)
<b>AIRWAY EQUIPMENT</b>			
IL	1 ea	Oropharyngeal airways: 6/110 mm, 5/100, 4/90, 3/80, 2/70, 1/60, 0/50, 00/40 mm	
	2	Tongue blade (for insertion of oral airways – keep with oral airways)	
IL	1 each size	Nasopharyngeal airways 12Fr/3, 14Fr/3.5, 16Fr/4, 18Fr/4.5, 20Fr/5, 22Fr/5.5, 24Fr/6, 26Fr/6.5, 28Fr/7, 30Fr/7.5, 32Fr/8, 34Fr/8.5mm	
ALS	2 each	<b>Endotracheal tubes:</b> High volume/low pressure cuff - stored in sterile packaging. 6 or 6.5mm, 7 or 7.5mm, cuffed for use with King Vision curved channeled blade	
ALS	2 adult (1 ea size w/ cric kit)	<b>Bougie with Coude Tip – disposable, single-use (required for all King Vision attempts (adults) and surgical crics (adult &amp; peds))</b> Portex Smiths Medical, Single Use Bougie Coude Tip 15Fr X 60-70 cm and 10 Fr, ref 100/123/515 SunMed, ref 9-0212-70 <a href="http://store.airwaycam.com/bougie---tube-introducer-with-coude-tip-10/box">http://store.airwaycam.com/bougie---tube-introducer-with-coude-tip-10/box</a>	
IL	3 packets	Water soluble lubricant (individual packets)	
<b>Choking kit</b>			
	1	Adult or Peds laryngoscope handle -Welch-Allyn, Rusch, or approved equivalent compatible with disposable blade	
	1 set ea	Alkaline batteries: C or D appropriate for handle size	
<b>Disposable laryngoscope blades</b> - standard or fiber-optic. Ensure compatibility between blades and handles.			
ALS**	1 (optional brands)	Disposable <i>Standard</i> laryngoscope blade	
		<i>Rusch Lite Slim disposable blades</i> <a href="http://www.teleflex.com/en/usa/productAreas/anesthesia/documents/Laryngoscope-Ref-Guide.pdf">http://www.teleflex.com/en/usa/productAreas/anesthesia/documents/Laryngoscope-Ref-Guide.pdf</a>	
		1 miller	00485 1100
		Disposable <i>fiber optic</i> laryngoscope blade – approved options:	
		"Green Rusch Lite disposable fiber optic blades" <a href="http://www.teleflex.com/en/usa/productAreas/anesthesia/documents/2012-0795_Green_Rusch_Lite_Data_Sheet.pdf">http://www.teleflex.com/en/usa/productAreas/anesthesia/documents/2012-0795_Green_Rusch_Lite_Data_Sheet.pdf</a>	
		1 miller	00455 0001
		Curaplex all-metal fiber optic laryngoscope blades <a href="http://www.curaplex.com/docs/Curaplex_Laryngoscope_Blades.pdf">http://www.curaplex.com/docs/Curaplex_Laryngoscope_Blades.pdf</a>	
		1 miller	301-B5110
Flexicare Briteblade Pro <a href="http://www.flexicare.com/us/products/airway-management/single-use-laryngoscopes/briteblade-pro.aspx">http://www.flexicare.com/us/products/airway-management/single-use-laryngoscopes/briteblade-pro.aspx</a>			
1 miller	040-721U		
	1	Magill or uterine curved ring forceps for FB removal	
ALS (**)	1	<b>Adult intubation laryngoscopy equipment:</b> <b>King Vision, 1 Reusable Digital Display.</b> Suggested vendor and preferred pricing: Boundtree	
ALS	2	<b>King Vision Video Laryngoscope Blade</b> , Channeled, Disp,18mm, w/White LED, Digital CMOS Camera	
ALS	1	<b>i-gel® Supraglottic airway</b> (Resus pack includes i-gel, lube, strap)	
		<b>Rolling Go-live: PEDS sizes</b> – May start adding to ALS vehicles by <b>3-1-19</b> after user competencies completed by agencies and based on hospital stocking; <b>REQUIRED on all ALS ambulances by 6-30-19</b> ; ADULT sizes added by attrition after 3-1-19 (Boundtree)	
		Size 5, <b>large adult</b>	200+ LBS / 90+kg (2114-87303 Resus Pack) 6/case
		Size 4, <b>medium adult</b>	110-200 LBS / 50-90kg (2114-87302 Resus Pack) 6/case
		Size 3, <b>small adult</b>	65-130 LBS / 30-60kg (2114-87301 Resus Pack) 6/case
		Size 2.5, <b>large pediatric</b>	55-77 LBS / 25-35kg (2114-08225)
		Size 2.0, <b>small pediatric</b>	22-55 LBS /10-25kg (2114-08202)
Size 1.5, <b>infant</b>	11-25 LBS / 5-12kg (2114-08215)		
ALS	1	<b>King LTS-D</b> ; kits contain 60 mL syringe (to inflate cuffs), lubricant – <b>phase out by attrition after 3-1-19</b>	
	1	● Size 3: yellow - pts 4-5'; part # 477-KLTSD 413	
	1	● Size 4: red - pts 5-6'; part # 477-KLTSD 414	
	1	● Size 5: purple - pts >6'; part # 477-KLTSD 415	
ALS	1 ea size	<b>ETT holders</b> – NCN Products Co. 8.5-9.5 (blue); 7-8 (red); 6-6.5 (yellow) (no longer manufactured) OR <b>Thomas Select Tube</b> holder (adult) 25/package; secures ETT & King LT airways ≥ 6.5 mm (inner diameter) to 42 mm (outer diameter): Laerdal 600-42500	
	1 opt.	Lyfetymer LED ventilation metronome (flashes 10x/min) <a href="http://www.lyfetymer.com">www.lyfetymer.com</a> .	

KEY	Min.	ITEM	PACKAGING
<b>Cricothyrotomy supplies: Recommend store as a kit</b>			
	2	Skin prep: Chlorhexidine gluconate 2% w/ isopropyl alcohol 70% (CHG/IPA) preferred	
ALS	1	10-12 ga catheter over the needle device; 3-3.25" long (2 <sup>nd</sup> needle in pleural decomp supplies if needed)	
ALS	1 each	ETT: 6mm for adults; 4mm, 5mm 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 <sub>2</sub> in line 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 w/ Coude tip: must be used for all surgical crics, 15Fr x 60-70cm and 10 Fr – disposable	
<b>SUCTION-RELATED EQUIPMENT</b>			
**	1 (amb)	<b>Installed suction:</b> Powerful enough to provide airflow of >20 L/min at end of delivery tube and a vacuum of over 300 mmHg (11.811 inches) to be reached within 4 sec. after tube is clamped. Vacuum level 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 standard option too tall for 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	<b>Portable suction:</b> Ohmeda or approved equivalent. <i>Specifications:</i> Unit must be powerful enough to provide airflow of at least 12 liters per minute at the end of the suction tube and a vacuum of at least 300 mmHg (11.811 inches) to be reached within 4 seconds 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 the portable suction unit is powered by pressurized oxygen 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. A manually operated suction device is acceptable if approved by IDPH. V-Vac & Res-Q-Vac® approved	
IL	2 each	6 Fr, 8 Fr 10 Fr, 12 Fr, 14 Fr, 18 Fr sterile, single use, soft suction catheters, with on/off control	
IL	3	<b>DuCanto Catheter™ SSCOR # 200-00002 (larger distal opening). MANDATORY after 7/1/18.</b>	
		Semi-rigid pharyngeal suction tips: single use (Yankauer) – phase out by attrition	
<b>OXYGEN/DELIVERY DEVICES</b>			
**	1 (amb)	Installed O <sub>2</sub> tank: Central "H" or "M" size. Supplied with at least 3000 L of O <sub>2</sub> ; equipped with yoke. <ul style="list-style-type: none"> <li>Installed w/ quick release, crash-stable, mounting bracket to provide maximum safety for patients and personnel.</li> <li>Must be equipped with a reducing valve (from 2000 PSI cylinder to 50 PSI) with pressure gauge.</li> <li>Must have an O<sub>2</sub> outlet accessible to technician at the head of the primary litter and clear, disposable oxygen tubing.</li> </ul>	
** IL	2	Portable O <sub>2</sub> tanks: "D" or "E" cylinders w/ at least 300 L capacity equipped w/ yokes, clear, disposable oxygen 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 OR nasal cannula with ETCO <sub>2</sub> sensor	
IL	2 adult 1 each	Non-rebreather masks: semi-open, valveless, transparent, and disposable. Pediatric (1) & Infant (1)	
IL	1	CPR mask (mouth-to-mask unit w/ O <sub>2</sub> inlet and one-way safety valve to prevent backflow of expired air and secretions)	
	1	Mercury Medical Flow-Safe II EZ <b>CPAP System Model #10-57318</b> (large mask with one O <sub>2</sub> source, built-in neb) Model # 10-57319 has small mask. System quote per MedAlliance Group, Replace old CPAP masks by attrition	
	1	Nebulizer: acorn type with tee adaptor oxygen tubing, mouthpiece and flex-tube	
	1	"In-line" Nebulizer adaptor kit for BVM/ET (preassembled in labeled bag) (15 mm + 22 mm: Hudson RCI multiadapter cat. No. 1422 and Universal cuff adapter cat. no. 1421)	
IL	1 adult	Disposable adult bag-valve-mask (BVM) device: Vital Signs Code Blue w/ mask & reservoir tubing/bag #7250; Ambu Spur w/ mask & reservoir #242002000; Inspiron 8003 - w/ oxygen reservoir & mask; Mercury bag w/ reservoir & mask; SIMS Portex, Novaplus/1st Response. Option (not exchange item): Capno-flow resuscitation bag	
IL	1 pediatric	Disposable pediatric BVM: (500 mL w/ reservoir): SIMS Portex, Novaplus/1 <sup>st</sup> Response; Vital Signs Code Blue #7334 w/ 2 masks (1 Toddler; 1 child) Inspiron; Ambu Spur Pediatric w/ mask & reservoir #330 001 000; AMBU 513-613-030 pediatric bag/closed/tube reservoir, manometer, toddler and child mask	
IL	1 infant	Disposable infant BVM: SIMS Portex, Novaplus/1 <sup>st</sup> Response; Vital Signs Baby Blue #7421 with 2 masks 1 infant and 1 newborn; AMBU 544-216-030 Infant bag/closed/tube reservoir, manometer, infant and neonate mask	

KEY	Min.	ITEM	PACKAGING
ALS**	1 opt.	Zoll Z ventilator, Auto-Vent, Pneupac® VR1 automatic resuscitator ventilator or approved equivalent	
	2	<b>MAD® (Mucosal Atomization Device)</b> Nasal drug delivery: MAD 100 w/ syringe or MAD 300 w/o syringe Wolfe Tory Medical, Inc. 79 West 4500 South, Suite 16, Salt Lake City, UT 84107, 888-380-9808	
<b>VASCULAR ACCESS SUPPLIES</b>			
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	
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)	
<b>Catheter-over-the-needle devices: J&amp;J Protectiv™; Becton Dickinson Insite Saf-T-Cath™; BD Nexiva™; or BD Saf-T-Intima</b>			
ALS	2	14 gauge 1.25" or 2"	
ALS	2	16 gauge 1.25"	
ALS	2	18 gauge 1.25"	
ALS	2	20 gauge 1" or 1.25"	
ALS	2	22 gauge 1"	
ALS	2	24 gauge ¾" to 1"	
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	4 opt.	IV medication labels (especially needed for norepinephrine drips)	
ALS**	1 opt	Modular IV kit (Insulating bag for keeping IV fluids warm): Conterra IVK1-I; <a href="mailto:info@conterra-inc.com">info@conterra-inc.com</a>	
ALS**	1	<b>IV fluid warmer device or drawer:</b> IVF may be warmed in their plastic over pouches to temperatures not exceeding 40°C (104°F) and for a period no longer than 14 days. Label IV bags with warming expiration date before placing in warmer. When removed, tag as previously warmed. They should not be returned to the warmer. They may continue to be used until the labeled expiration date from the manufacturer provided they have not been warmed more than once (Policy D3, p. 5). (Moved here from misc. supplies 3-19)	
<b>Intraosseous supplies for front-line ALS ambulances only: Recommend package as a unit in one case.</b> Vendor: <b>Teleflex</b> ; 3015 Carrington Mill Blvd.; Morrisville, NC 27560. Toll free: 866-246-6990; Customer Service email: <a href="mailto:cs@teleflex.com">cs@teleflex.com</a> . If difficulty contacting company – call Bill Beetschen (see last page)			
ALS**	1	Driver stored in soft or hard sided case. Do <b>NOT</b> test daily/weekly (decreases battery life).	
ALS	2	45 mm ( Yellow) 15 g needle with stabilizer kit	
ALS	1	25 mm ( Blue) 15 g needle with stabilizer kit	
ALS	1	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; <a href="http://www.ventlab.com">www.ventlab.com</a>	
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®)	
<b>SYRINGES/NEEDLES/SUPPLIES</b>			
ALS	3	10 ga Catheter over the needle device; 3" long (Deseret 10 ga #2820) Alternative: 10 ga 3.25" needles: North American Rescue <a href="http://www.narescue.com/ARS_for_Needle-Decompression">http://www.narescue.com/ARS_for_Needle-Decompression</a> Store 1 needle in cric kit; 2 for pleural decompression	
ALS	2	18 gauge, 1-1½" needles	
BLS & ALS	2	21-22 gauge, 1½" needles (for IM injections)	
ALS	2	25 gauge, 5/8-1" needles	
ALS	2	Filter 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	Russell PneumoFix™: Tipped needle; 12-gauge; 11 cm long w/ one-way valve to vent tension pneumo. Preferred vendor: Boundtree #PDF112 ask about System pricing. See CPR devices for contact info.	
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)	

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ALS	1	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. Mtg OSHA guidelines.	
ALS	1 large	Puncture-resistant sharps disposable container that meets OSHA guidelines (Squads exempt)	
<b>DIAGNOSTIC MONITORING EQUIPMENT</b>			
ALS** BLS opt.	1	<b>Cardiac monitor/defibrillator</b> w/ pacing, 12-L ECG, SpO <sub>2</sub> ; quantitative waveform capnography PhysioControl LifePak 12/15; Zoll M/E/X series; Philips MRx. NIBP; Biphasic preferred. All units purchased after 3/1/01 must have non-disposable adult and pediatric paddles as back up (IL)	
ALS	Monitor specific	<b>Real-time CPR feedback</b> - Required before any piston-type mechanical CPR device is deployed. Mandatory for all front-line ALS ambulances after 6/1/18 unless waiver granted: <b>ZOLL</b> CPR Stat Padz, HVP Multi-Function (8 Pair/Case) <b>PhysioControl</b> : 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 (Provider may purchase pediatric Medtronic Quik Combo Pad or manufacturer-specific equivalent) 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	
**	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	<b>Automated External Defibrillator</b> w/ adult and pediatric capability; Manufacturer specific adult and pediatric pads	
**	1	<b>Pulse oximeter</b> : Units installed in system-approved cardiac monitor/defibrillators preferred. Must include: non-disposable peripheral sensor (finger clip) AND central sensor (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	<b>Capnography</b> : Side/microstream w/ waveform; units on System-approved cardiac monitor defibrillators need NC plus in-line ET/CO <sub>2</sub> sensors (Stand-alone units need system approval): Physio, ZOLL X-series: <ul style="list-style-type: none"> <li>Spontaneously breathing - Oridion Microstream Smart CapnoLine Plus O<sub>2</sub>, 100/case, # 010210</li> <li>Spontaneously breathing - Oridion Microstream Smart CapnoLine Plus O<sub>2</sub>, Pediatric #007269</li> <li>Assisted ventilation - Oridion, Microstream FilterLine Set, 100/case, # 010579</li> </ul> ZOLL - E & M series: <ul style="list-style-type: none"> <li>Spont. breathing - Oral/Nasal CO<sub>2</sub> w/O<sub>2</sub> cannula Adult (10/box ref # 8000-0358)</li> <li>Spont. breathing - Oral/Nasal CO<sub>2</sub> w/O<sub>2</sub> cannula Peds (10/box ref # 8000-0359)</li> <li>Assisted ventilation - Airway Adapter Kit, Adult/Pediatric (10/box ref # 8000-0362)</li> <li>Hudson RCI product cat # 1768 "step-down adapter" (25/case)</li> </ul>	
** 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)	
**	1	Thermometer (non-glass; non-mercury): oral (digital), tympanic membrane, temporal artery all approved	
<b>Glucose meters / testing supplies 8/1/18: Vendor &amp; special pricing: Henry Schein EMS; rep info last page</b>			
**	1	Microdot Xtra Glucometer packaged in small or large orange or thermoinsulated pouch with meter disinfection case and timer:	
	1 bottle*	Microdot Xtra glucose test strips (label w/ expiration date – *minimum 5 strips ) Test strips (50)/bottle 700-1130 (preferred) or 25/bottle 700-1129	
**	1 each	Microdot Xtra Hi/Lo test solution 700-1131 - label w/ discard date (90 days after opening )	
	4	Microdot Lancets 700-1775 (May use any brand of lancets)	
<b>DRESSINGS/BANDAGES</b>			
IL	20	Sterile 4 X 4's	
	4	Sterile ABD's	



KEY	Min.	ITEM	PACKAGING
**	2	<b>Chest seals:</b> Vented with exhaust valve (Bolin) or one fitted with a laminated vent channel (ITLS standard). Hyfin seals provided in Region 9 Mass Violence Kits satisfy this requirement for initial stocking. ( <i>Provider agency agrees to provide education using System Procedure Manual skill sheet</i> )	
IL	2 opt	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; <a href="http://www.acep.org/content.aspx?id=40462">http://www.acep.org/content.aspx?id=40462</a>	
	1	<b>Hemostatic gauze: Celox RAPID®</b> 5 foot (Z-fold hemostatic gauze). Combat Medical Systems, PN 30-215 (red package). Harrisburg Industrial Park Dr, Harrisburg, NC 28075. Special System pricing – Quote: CMS-05795-W8H4 revision by Gregoray Keyes. Contact 855.428.6074 or <a href="mailto:quotes@combatmedicalsyste.ms.com">quotes@combatmedicalsyste.ms.com</a> to place an order. Hospital exchange by attrition when QuikClot inventories are depleted or agencies may purchase now for Rescue Task Force or TEMS bags. Recommend using Celox dressings provided in Mass Violence bags for first use amb. supplies over QuickClot	
		(2) QuikClot – EMS 4X4 Hemostatic Dressing (3 in package) <b>Phase out by attrition.</b>	
	2	<b>Tourniquet, disposable:</b> Combat Application Tourniquet (C-A-T ®) – Rescue Orange, Item # 30-0023; North American Rescue Inc., <a href="http://www.narescue.com">www.narescue.com</a> (now owned by Henry Schein), Tactical Mechanical Tourniquet (TMT) Combat Medical Systems (see contact info for Celox) or approved equivalent. – Special System pricing available Tourniquets provided in Region 9 Mass Violence Kits satisfy this requirement if on ambulance	
<b>SPLINTING/IMMOBILIZATION/SPINE MOTION RESTRICTION EQUIPMENT</b>			
IL	2 1 1	<b>Cervical collars adult:</b> Perfit ACE™ Adjustable Collar (AMBU 281 000) Michael Roda773-620-0865 OR Laerdal Stifneck Select™ adjustable collar. Approved alt: Philly EMT's Select adj extr collar <b>Cervical collars peds and infants:</b> 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)	<b>Cervical immobilizer:</b> "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 size) Hare, Sager; Faretec CT-6® or Sliselman Traction Splint	
** IL	1	Leg traction splint (peds size) 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 backboard: Radiolucent material with 3 each torso straps, 9 feet in length, 1 each chin and head strap. Alternative immobilization straps: spider straps, quick connect torso straps, or disposable backboard straps.	
**	1 (amb)	Backboard padding - blanket layers OR commercial device: Turley Backboard Pad ( <a href="http://www.turleybackboardpad.com">http://www.turleybackboardpad.com</a> ) Thomas EMS Back Raft, EMS Backboard Padding ( <a href="http://www.thomasems.com/Back_Raft.html">www.thomasems.com/Back_Raft.html</a> ); Trauma Travel Pad ( <a href="http://www.traumatravelco.com/about.htm">www.traumatravelco.com/about.htm</a> ) Trauma Technologies Spineboard pad E1431 ( <a href="http://www.traumatechinc.com/products/pro-tech-pads/disposable-spineboard-pad-e1431/">www.traumatechinc.com/products/pro-tech-pads/disposable-spineboard-pad-e1431/</a> ); Pro-Tech Spine Board Gel Pads ( <a href="http://www.traumatechinc.com/products/pro-tech-pads/pro-tech-spine-board-gel-pads/">www.traumatechinc.com/products/pro-tech-pads/pro-tech-spine-board-gel-pads/</a> ); Morrison Medical Pads ( <a href="http://www.morrisonmed.com/3041_PRESSUREPAD.pdf">www.morrisonmed.com/3041_PRESSUREPAD.pdf</a> )	
**	1 (amb)	Scoop Stretcher: Ferno 65 (replace 65 via attrition), EXL or CombiCarrier II, or approved equivalent	
** IL	1	Short backboard: (32" X 16" minimum) Wood or radiolucent material with 2 each torso straps, 9 feet in length, 1 each chin and head strap OR vest type (wrap around) extrication device – (KED)	
**	1	KED (Kendrick Extrication Device)	
**	1 opt.	Ferno MedKids Pedi-Sleeve: immobilizes child 12-60 lbs. #BB-6770 or Pedi-Pac™ #IE-7800	
IL	5	Triangular bandages or arm slings	
<b>MISCELLANEOUS SUPPLIES</b>			
** 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 (not required on squad)	

KEY	Min.	ITEM	PACKAGING
IL	1 (amb)	Body bag - disposable or surgilift (black sheet)	
** IL	1	Broselow pediatric length-based tape (2017 edition preferred; retire old tapes through attrition) plus Pediatric equipment/drug age/weight chart (SOPs p.100-101). Pediatric trauma score reference (SOP p. 87)	
BLS & ALS	**Opt	<b>Buzzy®</b> Mini Healthcare or XL Healthcare: Intended for healthcare and multi-patient use. Features 3 minute auto-shut off 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: <a href="https://buzzyhelps.com/products/buzzy%C2%AE-xl-healthcare">https://buzzyhelps.com/products/buzzy%C2%AE-xl-healthcare</a>	
IL	6 6	Chemically-activated thermal packs: Hot - 5¼" x 10" Cold - 5¼" x 10"	
BLS & ALS**	1 opt	<b>Chest compression mechanical CPR Device (approved piston-type CPR devices):</b> Approved units may only be deployed after System-approved education, competency measured, and EMS MD approval. All disposable elements for each unit are the responsibility of the Provider Agency to replace. <b>Lifeline ARM</b> (Defibtech) - Kristin Schwan; AED Professionals; 348 W. Colfax, Palatine, IL. 60067 O: (847) 202-3233; C: (847) 702-3858; <a href="mailto:Kristin@aedprofessionals.com">Kristin@aedprofessionals.com</a> <b>LUCAS™</b> 2 or 3 Chest Compression System (PhysioControl - Ed Fee; <a href="mailto:ed.fee@stryker.com">ed.fee@stryker.com</a> ; (708) 408-1142 ext. 72380 <b>ROSC-U:</b> Bound Tree Medical   Account Manager – see back page	
	1	CPR-Enhancing device: <b>ResQPOD®</b> impedance threshold device -for use with CPR chest compressions Advanced Circulatory Systems, Inc. <a href="http://www.advancedcirculatory.com">www.advancedcirculatory.com</a> ; 952-947-9590	
**	25	Disaster tags – SMART triage tags	
	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 <a href="http://www.vacumed.com/zcom/product/Product.do?compid=27&amp;prodid=189">http://www.vacumed.com/zcom/product/Product.do?compid=27&amp;prodid=189</a>	
IL	2	<b>OB kits</b> (sterile) plus stockinet caps for neonates and writable ID bracelets	
IL	1	OB infant warming: Aluminum foil roll OR **Silver Swaddler OR **Chemically-activated Baby Warmer OR **Mylar blanket	
** IL	1 set of 4	<b>Restraints:</b> arm and leg sets; leather or commercially available equivalent; buckle or Velcro types, no key locks. Preferred product: "Twice as Tough" restraints by Posey. Soft, cloth restraints unacceptable.	
**	1	Ring cutter	
**	As listed	System Refusal/release forms x 10 (unless available electronically) NCR forms available from NWC EMSS office, Bus accident logs x 5, Domestic violence shelter information sheets x 5, Petition forms X 2	
**	1 each	SOPs (current edition), selected excerpts from Policy Manual, Procedure Manual (unless available electronically)	
**	2 opt.	TranZport hood (NIK-7000) to deter spitting and biting; Humane Restraint (800-356-7472)	
<b>UNIVERSAL PRECAUTIONS; HAND HYGIENE; DISINFECTION SUPPLIES</b>			
**	1 set for each response personnel	BSI appropriate for spills, splashes, or exposure to body fluids. Gloves - Specs: disposable (single-use) latex-free worn during patient contact when potential for contact with blood, body fluids, non-intact skin or other infectious materials. Appropriate glove sizes should be readily accessible---hypoallergenic gloves, glove liners, powderless gloves should be available to those who need them. Large, long-sleeved, fluid repellent (Tyvek®) gown, leg and shoe coverings: Head covers or fluid repellent shoe covers may be needed for protection from gross contamination. Heavy-duty utility gloves for decontamination/disinfection. HazMat Level-C protection preferred.	
		N95 respirator: 3M; Technol, Moldex, or approved equivalent - needs to be fit tested (replacement item only)	
** IL		Full-face shield: Protective eyewear - goggles or wrap-around safety glasses plus disposable surgical facemask and eye protection, including solid side shields.	
** IL	1 box	Disposable non-porous (latex-free) gloves of appropriate size (minimum 3-pair per rescuer)	
**	1 roll	Durable, waterproof, cloth/scrim backed, tape (duct tape)	
IL	1 box	Disposable face masks	
**	1 bottle	Hand washing agent: topical 60-95%_alcohol-based germicide or approved equivalent	
**		CaviWipes1 XL (One minute wet dwell time preferred) or other approved disinfecting towelettes or sprays for intermediate level disinfection of non-porous surfaces – See I2 policy for approved equivalents	
IL	2	Red impermeable biohazard-labeled isolation bags for contaminated linen (CDC Approved)	

KEY	Min.	ITEM	PACKAGING
<b>PATIENT LIFTING/CONVEYANCE DEVICES – Not required for Squads</b>			
** IL	1	<b>Primary patient litter</b> – Ferno Washington, Stryker, or approved equivalent. <i>Specs:</i> 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 insure 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	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	<b>Child/infant safety restraining device</b> meets federal motor vehicle standards (FMVSS) 213 & 302. IDPH memo issued 4-2-18 requires: <b>convertible car seat</b> (holds infant to 40 lb child) OR both infant & child car seats; Child safety seat info: <a href="http://www.nhtsa.gov/portal/nhtsa_eou/info.jsp?type=all">http://www.nhtsa.gov/portal/nhtsa_eou/info.jsp?type=all</a> . NHTSA Recommendations Safe Transport Children in Ambulances <a href="http://www.nhtsa.gov/staticfiles/nti/pdf/811677.pdf">http://www.nhtsa.gov/staticfiles/nti/pdf/811677.pdf</a> OR	
**	1	<b>Strongly encouraged: Quantum ACR-4 (Ambulance Child Restraint) system:</b> fits newborns and children weighing 4lbs – 99lbs; Color coded restraints in 4 sizes, Extra small 4-11 lbs, Small 11-26 lbs, Medium 22-55 lbs; Large 44-99 lbs. <a href="http://www.quantum-ems.com/p-62-ACR4-(Ambulance-Child-Restraint)-Q-ACR4.aspx">http://www.quantum-ems.com/p-62-ACR4-(Ambulance-Child-Restraint)-Q-ACR4.aspx</a> . System pricing: Henry Schein 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.	
**	Opt	Mangar CAMEL: Bariatric lifting device; Oak Pointe Medical	
** IL	2	Pillow	
IL	2 each	Linens: Pillow case, sheets, blankets for ambulance cot; appropriate for seasonal temperatures	
<b>COMMUNICATIONS EQUIPMENT</b>			
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	
<b>NON-PATIENT CARE ITEMS</b>			
** 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	Screwdriver, 12" with regular blade	
**	1	Screwdriver, 12" 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**

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	
Trauma Shears	1	
Sharpie Markers	2	
Rescue Blankets	4	
28 Fr NPA	4	
Hyfin Chest Seal	4 (may carry more at agency's expense)	
Celox Bandage	2 (Prefer <i>CeloxRapid Z fold</i> )	
CAT II Tourniquet	4 (may carry TMT)	
Olaes Bandage	3	
*Decompression Needles	4 (strongly prefer minimum 10-12 g; 3" long needles) (Not issued for BLS bags)	
Lube	4	



**Safety/General Vehicle**

- Patient area is clean
- Equipment in patient area is secured/crash-stable
- Temperature/environmental control standards met for medications
- Emergency warning lights operational
- Siren operational
- Flood lights operational
- Current Illinois Department of Transportation – issued safety inspection sticker on windshield
- No visually apparent issues which would compromise the safety of the patient, the ambulance personnel or the public
- Illinois Poison Center Number (In SOPs, page 28)
- IDPH Central Complaint Hotline number (must be posted where visible to patient)

**Contact information:**

<p><b>Bound tree rep:</b> Andrea Turner Mobile: 608-381-8172 <a href="mailto:Andrea.turner@boundtree.com">Andrea.turner@boundtree.com</a></p>	<p><b>Bill Cunningham</b> <b>Pennicare</b>; 1317 North Road, Niles, Oh Phone: 800-392-7233 X 135 <a href="mailto:bill@pennicare.net">bill@pennicare.net</a> Best price on Bolin chest seals, LifePak 15 ECG Paper</p>
<p><b>Henry Schein EMS</b> Rep: Bill Beetschen Cell: 847-366-7989 (24/7) <a href="mailto:bill.beetschen@henryschein.com">bill.beetschen@henryschein.com</a></p>	<p><b>Combat Medical Systems</b> Special System pricing Celox and TMT tourniquet Gregoray Keyes. Contact 855.428.6074 or <a href="mailto:quotes@combatmedicalsistemas.com">quotes@combatmedicalsistemas.com</a></p>
<p><b>Zoll</b> Caroline Guibord Cell: 773-425-0710 <a href="mailto:cguibord@zoll.com">cguibord@zoll.com</a></p>	<p><b>PhysioControl</b> Ed Fee Phone: 708-408-6963 <a href="mailto:Ed.fee@stryker.com">Ed.fee@stryker.com</a></p>
<p><b>Tim Aebly</b> Account Executive • DRE Medical T: <b>(877) 321-8194</b> / <a href="http://dremed.com">dremed.com</a> An Avante Health Solutions Company Carries certified refurbished Zoll &amp; PhysioControl monitors</p>	