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<b>POLICY:</b>	<b>500.04 REQUIRED EQUIPMENT ALS RESPONSE</b>		
<b>APPROVAL:</b>	VICE PRESIDENT OF PROFESSIONAL SERVICES; MANAGER OF EMS;		
<b>EFFECTIVE DATE: 2/16/2024</b>			<b>ORIGINAL EFFECTIVE DATE: 9/2022</b>
<b>DEPARTMENT SPECIFIC</b>		<b>EMERGENCY MEDICAL SERVICES</b>	

**I. Purpose:**

To give guidance to Agencies on the required equipment and medications to operate an Advanced Life Support (ALS) Response Vehicle.

**II. Policy:**

Each ALS ambulance operating within the System is required to have all equipment as prescribed by IDPH in System Policy 500.03 in addition to the below requirements. This equipment must be functional and/or readily available at all times.

**Airway Management:**

- Laryngoscope handle (1) with replacement batteries
- Laryngoscope blades (infant, child, adult Lg & Med) straight and curved, w/replacement bulbs Magill forceps, adult and child (1 each)
- Hemostat (1)
- End tidal CO2 detectors (adult and peds unless built into the BVM)
- Endotracheal/nasotracheal tubes: (2 each sizes: 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 6.0, 7.0, 7.5, 8.0) Angiocath 10g or ARS kit (1) for Chest Decompression or Needle Cric
- CPAP and Quicktrach optional

**Monitor/defibrillator:**

- Equipped with adult and pediatric size defibrillation pads or paddles.
- Patient Electrodes, adult (6), pediatric (3)
- Defibrillator Pads (2) adult and (2) pediatric
- Cellular telemetry communications and Merci

**Other Supplies/Equipment:**

- Blanket rolls for C-spine immobilization or approved head immobilizers (2)
- Remains bag: dependent on county policies regarding coroner response and body transports
- Hemostatic Agent – Optional

**IV and Medication Supplies:**

- IV tubing: 10gtt tubing (4) and 60gtt tubing (1) and Saline Lock (j-loop) (1)
- Angiocaths (3 each): 16g, 18g, 20g, 22g, 25g
- IV start kits (4) or separate tourniquets, alcohol pads, etc
- IV arm boards, large and small (2 each) IV arm boards, large and small (2 each)
- Intraosseous Needle manual or drill (2 each for Adult and Peds)
- Syringes: 1ml, 3ml, 5ml, 10ml (2 each)
- Needles: 21g and 22g (5ea) Filter needles (2) Alcohol prep pads (5)
- Nebulizer kit (1)
- MAD (Mucosal Atomization Device) (2)
- Glucometer / Glucose Meter (1) and testing strips

**Medications:**

0.9 NaCL, Normal Saline, 1000cc bags (4)  
0.9 NaCL, Normal Saline Flush, 10cc syringe (5)  
50% Dextrose 50ml (2)  
Adenosine (Adenocard) 6mg (1), 12 mg (2)  
Albuterol/ ipratropium (Duoneb) 2.5mg-0.5mg/3ml (3)  
Amiodarone 450mg/9ml (2)  
Aspirin 81mg tablets (4)  
Atropine Sulfate 1mg/10ml syringe (8)  
Calcium Gluconate 1g/10 ml vial (2)  
Dextrose 50% 50ml syringe (2)  
Diphenhydramine/Benadryl 50mg/ml (1)  
Epinephrine),1mg/ 10ML prefilled syringes (8)  
Epinephrine 1mg/ml 1mg/ml vial (2)  
Fentanyl 100mcg/2 ml (4)  
Furosemide 40 mg/4ml (2)  
Glucagon 1mg/ml vial (1 kit)  
Glucose – Oral Paste or Gel 37.5 Gram tube (1)  
Ketamine 500mg/10ml (1)  
Magnesium Sulfate 2g/50 ml premixed bag (2)  
Methylprednisolone (Solu-medrol) 125 mg vial (1)  
Midazolam (versed) 10mg/2ml vial (2)  
Morphine sulfate 10mg/1ml Carpuject (2)  
Naloxone/Narcan 2mg/2ml (6)  
Nitroglycerine 0.4mg blister pack of (4) tablets or (1) bottle  
Ondansetron (Zofran) 4mg oral disintegrating tablet (2)  
Ondansetron (Zofran) 4mg/2ml vial (2)  
Sodium Bicarbonate 50 mEq/50ml adult syringe (2)  
Tetracaine HCL 0.5% ophthalmic solution 2 ml bottle  
Tranexamic Acid (TXA) 1000mg/10ml vial

**Approval:**

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**James Kirchner** **Date**  
**Vice President of Professional Services**

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**Kathleen Geiger MSN, RN** **Date**  
**Manager of EMS & Emergency Management**