

Advanced Critical Care Equipment

Advanced Care Vehicle Equipment and Supplies List



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Aircraft/land vehicles with an advanced care flight paramedic on board include a LTV 1200 (LTV) mechanical ventilator (capable of providing volume / pressure support), Allaris 3 multi-chamber infusion pumps and a LifePak 12 or Zoll X Series, Defibrillator/Cardioversion/Transcutaneous Pacer-Monitor capable of non-invasive blood pressure monitoring (NIBP), ECG (4 and 12 Lead), end tidal CO₂, temperature monitoring, as well as oxygen saturation monitoring. Select Advanced Care bases are also equipped with isolettes.

The following is a simplified equipment and supplies list found on all Advanced Care Vehicles:

- **Advanced Airway Management**
- **IV Equipment**
- **Miscellaneous**
- **Critical Care Vehicle Equipment**

➤ ADVANCED AIRWAY MANAGEMENT

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| Endotracheal tubes (sizes 2.5 - 9.0) | Magill – adult and paediatric |
| Laryngoscope with blades (MacIntosh and Miller) | Stylet (adult and paediatric), Bougie and syringes |
| Lidocaine spray 10 mg with nozzle | Rusch Quick Trach |
| LMA (sizes 3 – 5) / King LTS-D Airway (3,4,5) | Neosynephrine 0.25% spray |
| Tube ties and ETT adapter | Roll of waterproof tape |
| Endotrol nasotracheal tubes (sizes 6 – 8) | Water soluble lubricant |
| Needle chest decompression kit and Asherman Chest Seal | |

➤ IV EQUIPMENT

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| Small disposable sharps container | 250 ml and 1000 ml bags of N/S & 1000ml Ringer's Lactate |
| I.V. tubing: Macro drips, Micro drip, Saline locks, Blood Administration Sets | Tourniquets, Tegaderm or Op-Site clear sterile dressings, Disposable razor |

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| Intraosseous needles: #15, #18 | Disposable I.V. catheters: 14 -24 gauge |
| Assorted syringes and needleless adapters | Pressure infuser bags |

➤ MISCELLANEOUS

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|-----------------------------------|---------------------------------|
| Nasogastric Tubes – various sizes | Foley Catheters – various sizes |
| Chest Drainage System | |

➤ CRITICAL CARE VEHICLE EQUIPMENT AND SUPPLIES LIST

Aircraft/land vehicles with critical care paramedics on board is comprised of the equipment and supplies that are listed for the Primary Care Vehicles and the Advanced Care Vehicles plus the following:

OBS/Vascular Doppler and a LifePak 12 or Zoll X Series are capable of transducing arterial and central lines, transvenous pacemakers. Select Critical Care bases are also equipped with Arrow AutoCat II Intra-Aortic Balloon Pump devices. Note: only Arrow AutoCat II IABP devices may be transported by Ornge aircraft/land ambulance. Hospitals using other devices should contact Ornge to discuss logistical considerations prior to transport.

Want more information? A **Communications Officer** is available 24/7 in our Operations Control Centre to address any concerns you have by calling **1.833.401.5577**.

You can also visit our Healthcare Partner portal online at: www.ornge.ca/healthcare



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