



1-800-743-1334

Pediatric Patient(s) - 1 month - 15 years Preflight Preparation for AMT

AIRWAY

- If **intubation** is required – age/4 + 4 = ETT size (e.g. a four year old child would require a #5 ETT)

Confirm ETT position with chest x-ray

BREATHING

- **Ventilate with oxygen** as required to maintain pulse O₂ saturation > 95%
- Use **airway pressure** as needed to maintain **air entry** and **chest wall expansion**

CIRCULATION

- **Monitor** - Heart rate and rhythm, oxygen saturation, temperature and blood pressure
- **Volume Depletion** - Treat with 10 – 20 ml/kg of normal saline IV fluid
- Secure **Two Large Bore** IV sites for the critically ill child. (An extension tubing between your IV cannula and infusion set will facilitate rapid change over to our team's infusions)
- **Fluid Management** - Normal Saline or Ringer's Lactate; for children under 1 year of age use D5NS or D5RL

Guidelines for Determining IV Fluid Rate

<1 month of age = 5 cc/kg/hr

1month – 2 years = 4 cc/kg/hr

2 years – 10 years = 3 cc/kg/hr

10 years or age = 2 cc/kg/hr

Procedures To Consider Or Discuss With The Medical Control Physician

- **Pneumothoraces** – Place chest tube prior to flight for pneumos > 25%, tension, or increasing in size
- **Blood Work** – Recent blood gas, CBC, glucose and electrolytes (if possible)
- Recent **x-ray**
- **NPO** – Large bore orogastric or nasogastric tube
- **Foley Catheter** – In all seriously ill or injured patients unless urethral injury is suspected
- **For Trauma Patient** – Chest x-ray, c-spine and pelvic x-ray (if possible)

All Trauma Patients Will Remain on a Backboard for Transport Regardless of X-Ray or Physical Findings

The Transport Team Will Require The Following Prior To Leaving

- Photocopy of patient's chart including admission history, lab reports, etc...
- Relevant x-ray and CT films
- A brief transfer note from the attending MD (if possible)

A parent or family member may request to accompany the child during the transport.

Many factors influence this decision such as; weight restrictions, number of medical crew, weather conditions, and safety.

Please discuss this issue or any other concerns with the Air Medical Crew.