

EMS/PRE-HOSPITAL QUESTIONS FOR REVIEW AND DISCUSSION
Pediatric Emergency Medicine Subspecialty Residency - University of Calgary

Below is a list of questions developed to encourage a discussion and independent inquiry into the challenges of pre-hospital transport in various environments. Please answer each question in short answer. The answers of these questions you provide will be reviewed with the pre-hospital rotation preceptor.

Successful completion of this task is required for completion of the pre-hospital rotation and will be marked as a pass/fail.

GROUND

- 1) Describe the various levels of providers that work in Alberta and their local scope of practice.
- 2) What specific pediatric equipment do Calgary ground EMS units have to deal with pediatric emergencies (Approximate ages 0 to 14 years)?
- 3) Describe some of the benefits and drawbacks of transporting pediatric patient in the ground transport environment.
- 4) If a patient deteriorates while in transport in a ground ambulance how and whom do the practitioners call for medical direction?

FIXED WING

- 1) What are the advantages to transporting a pediatric patient in a fixed wing mode of transport?
- 2) Describe some of the benefits and drawbacks of transporting pediatric patient with the fixed wing mode of transport.
- 3) If a patient deteriorates while in transport in a fixed wing aircraft how and whom do the practitioners call for medical direction?

ROTOR WING

- 1) Describe the limitations that the STARS HT50 Ventilator has with respect to ventilating pediatric patients.
- 2) Describe some of the benefits and drawbacks of transporting pediatric patient with the rotary wing mode of transport.
- 3) If a patient deteriorates while in transport in a rotor wing aircraft how and whom do the practitioners call for medical direction?

GENERAL PRINCIPLES

- Define Triage and outline the START and JumpSTART Method of Triage
- What is the definition of disaster and outline the primary, secondary and tertiary effects of disasters.
- Outline the pre-impact, impact, and post-impact phases of a typical disaster scenario.
- What are the five Elements of an Incident Command System?
- Describe the five general areas that an out of hospital disaster scene should be organized into: