AIRLINK CRITICAL CARE TRANSPORT

ISTAT Guidelines

Objective:

1. Define patient conditions where ISTAT results can be of value in determining interventions and treatment in patient care.

Indications:

1. Any shock type state.
2. If SIRS criteria present, obtaining Lactate for serial evaluations can be beneficial to determine treatment benefit and Sepsis (See Septic Patient Guideline and Pediatric Sepsis Guideline).
3. Any intubated patient where the transport time is greater than 20 min. (See Post Intubation/ Sedation guideline).
4. Any respiratory patient where baseline values would be beneficial to determine need for intubation, to manage ventilation settings and to provide a baseline CO_2 value for determining correlation of end tidal monitoring.
5. To help manage treatment with DKA patient (see Adult DKA and Pediatric DKA guideline).
6. To help determine treatment for acute blood loss requiring blood transfusions (see Blood Guideline).
7. For any other patient condition where baseline ABG's, electrolytes, Lactate and Hct would be beneficial.

Procedure:

1. See ABG Guideline
2. Determine ISTAT cartridge required
3. The flight number should be used as a patient ID number.

4. The ISTAT results should be documented in the HPI section, not in the lab section in Golden Hour.
5. A copy of the printed lab value should be attached to the approved lab form and given to the receiving facility. Another copy should be made and scanned into the Golden Hour documents with the charts.
6. Any issues with the ISTAT should be relayed to leadership.