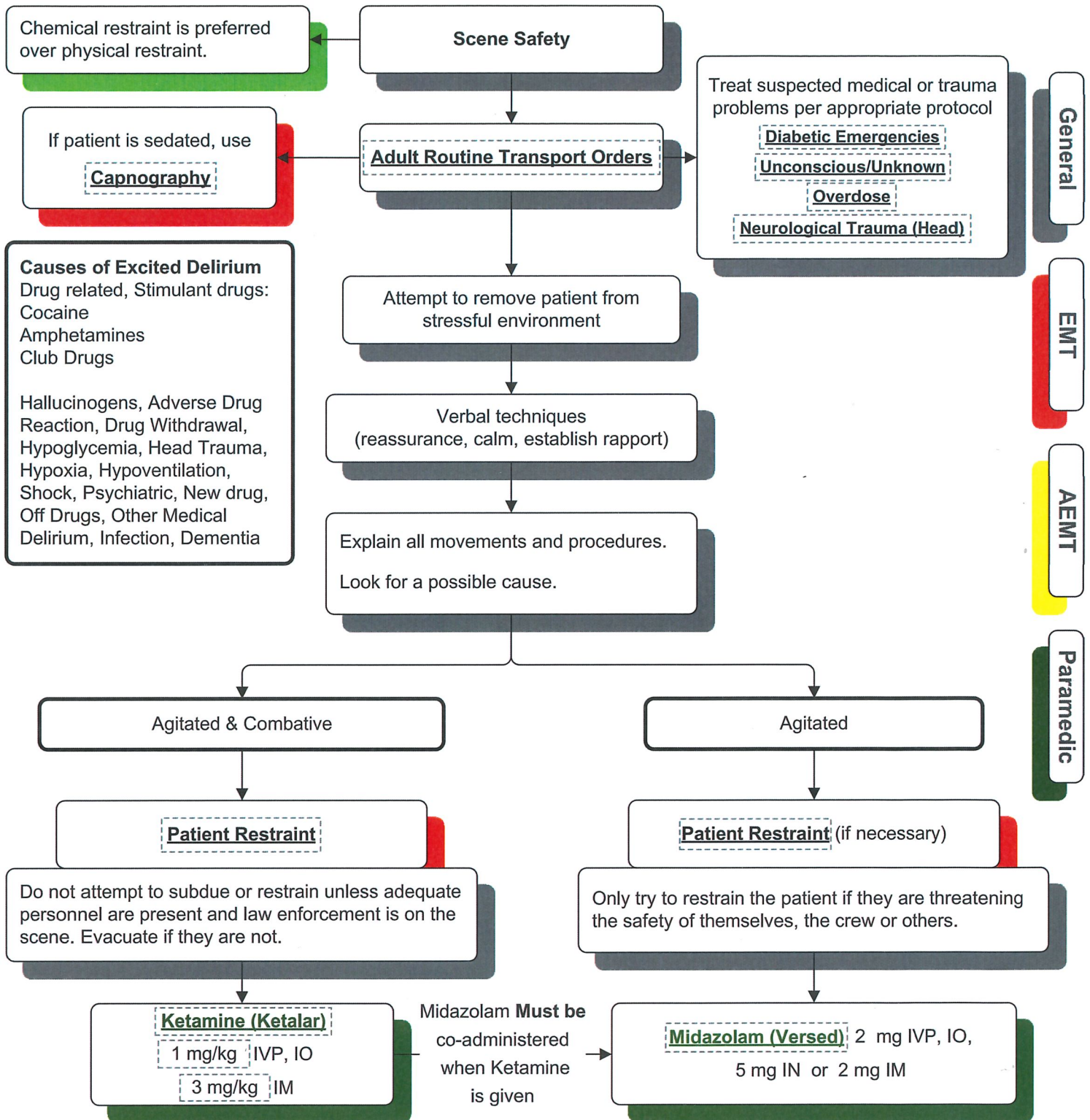




An alternative to **Ketamine** is: **Midazolam**. **Midazolam** should be used in patients in which Ketamine is contraindicated or ineffective or if there is suspicion that the agitation may be related to **underlying seizure activity**.

In DKA patients, Kussmaul respiration helps correct acidosis. Patients with an EtCO₂ of less than 29 were found to be in acidosis 95% of the time, whereas no patients with EtCO₂ of 36 or higher were in acidosis.

Adult Routine Transport Orders**Spinal Injury Assessment****Adult IV/IO****Cardiac Monitor****Blood Glucose****Signs & Symptoms:**

Hypoglycemia: Altered level of consciousness, dizziness, irritability, diaphoresis, convulsions, hunger, confusion

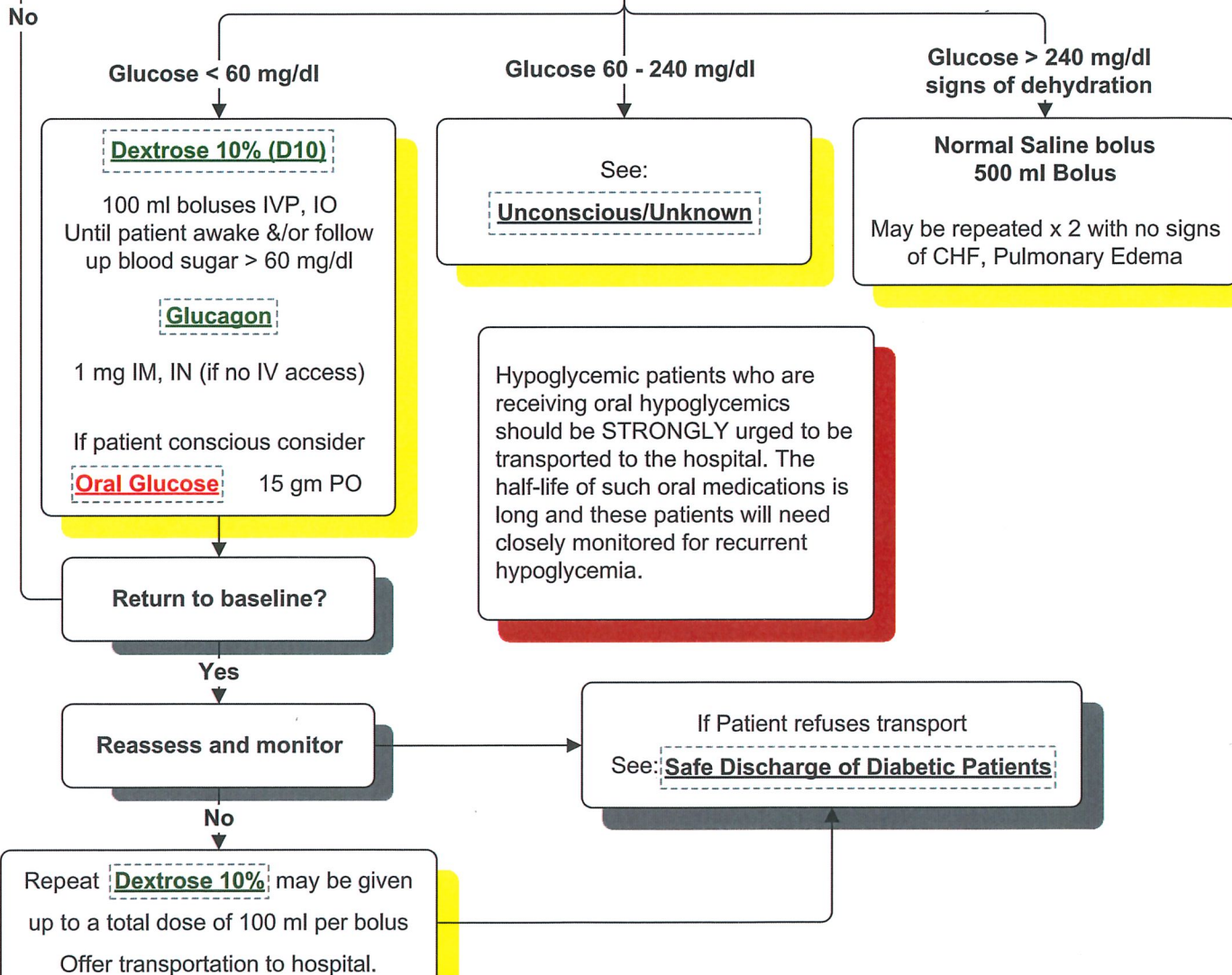
Hyperglycemia: Altered level of consciousness coma, abdominal pain, nausea/vomiting, dehydration, frequent thirst and urination, general weakness-malaise, hypovolemic shock, hyperventilation, deep/rapid respirations.

General

EMT

AEMT

Paramedic



An acute hemorrhage from the nostril, nasal cavity, or nasopharynx.

Adult Routine Transport Orders

Place patient in either a standing or upright seated position. If patient is recumbent in bed and unable to sit up, have patient turn head to the side.

Have the patient tilt their head forward (chin to chest) and have the patient hold firm pressure on the nares. The patient should hold pressure for five (5) minutes.

Consider if the cause is medical or traumatic then go to the appropriate protocol

Controlling significant bleeding or hemodynamic instability should take precedence over obtaining a lengthy history. Note the duration, severity of the hemorrhage, and the side of initial bleeding. Inquire about previous epistaxis, hypertension, hepatic or other systemic disease, family history, easy bruising, or prolonged bleeding after minor surgical procedures. Recurrent episodes of epistaxis, even if self-limited, should raise suspicion for significant nasal pathology. www.emedicine.medscape.com

General

EMT

AEMT

Paramedic

Dehydration is an abnormal decrease in the total body water. It is accompanied by a disturbance in the balance of essential electrolytes.

Dehydration may follow prolonged fever, diarrhea, vomiting, acidosis, and any condition which there is rapid depletion of body fluids.

Adult Routine Transport Orders

For heart rate less than 60 and BP less than 90 mmHg systolic with patient symptomatic, follow

Bradycardia Protocol**Adult IV/IO**

In any patient without rales or dyspnea who has a systolic BP less than 90 mmHg or less than 90 mmHg with signs of shock

0.9 NS Fluid Bolus**20 ml/kg****May repeat x 2****Titrate to effect**

Auscultate lungs frequently for rales. If rales or dyspnea increase, terminate fluid bolus.

Systolic BP is less than 90 mmHg or less than 90 mmHg with signs of shock:

Epinephrine Drip**2 - 10 mcg/min**

General

EMT

AEMT

Paramedic

Information to Record

1. Time of arrival
2. Heart Rate and Blood Pressure and Respiratory Rate
3. Glasgow Coma Scale
4. Time of each dose of analgesia
5. Dosage of each administration of analgesia
6. Time and results of pain assessments 1-10 scale

Adult Routine Transport Orders

Patient care according to **Protocol** based on **Specific Complaint**

Indication for Medication**Adult IV/IO****Indications for Use:**

Chest pain, especially in acute M.I., pain associated with trauma, burns, known history of kidney stones, and abdominal pain, Acute (not chronic) musculoskeletal pain, etc.

Assess Pain Severity:

1-3 mild pain,
4-7 moderate pain,
8-10 severe pain. Document description of pain, examples: sharp, dull, stabbing, constant, intermittent, alleviating factors.

Monitor and reassess

No

Yes

Continuous

Pulse Oximetry**Ketorolac (Toradol):** 15 - 30 mg IV, IO

over 15 seconds or 30 - 60 mg IM

For patients less than 65 years old.

Uses: Non-specific Abdominal Pain, Strains, Kidney Stones small Crush injuries (Finger-Toes), Headache etc. May be used in patients with known narcotic sensitivity or chemical dependencies.

or

Morphine

1 - 2 mg Slowly IVP, IO

Titrate to pain relief if blood pressure greater than 90 mmHg

Maximum 10 - 15 mg

Generalized Pain, Cardiac Pain, Burns, Fractures, Dislocations etc. May be reversed with Narcan

Monitor and reassess

For severe / excruciating / painful discomfort caused from a fracture / dislocation / subluxation Consider, if **Morphine** is not sufficient or ineffective: Anticipate use for major burns and major trauma.

Ketamine (Ketalar)

0.2 mg/kg IVP, IO

Midazolam (Versed):

Doses of 1 mg or less with Morphine Uses: to provide Sedation and Pain relief together. However, patient should be observed for increased side effects.

General

EMT

AEMT

Paramedic

Are there signs and symptoms of acute infection/sepsis?

Suspect sepsis if any of the following are present.

Sepsis > Age 16

1. Pneumonia
2. Urinary Tract Infection
3. Abdominal pain or distension
4. Meningitis
5. Indwelling medical device or intravenous line
6. Cellulitis, septic arthritis, infected wound
7. Recent chemotherapy
8. Organ transplant (kidney, heart, lung etc)
9. Age > 65 years

Adult Routine Transport Orders

Oxygen should be administered to maintain SpO₂ >94%

Modified Trendelenburg Position (feet up), if tolerated.

Initiate treatment for sepsis if all 3 criteria met:

1. Infection suspected
2. Two or more of the following:
 - a. Temperature > 100.4 F (38 C) or < 96.8 F (36 C)
 - b. Heart rate > 90 bpm
 - c. Respiratory rate > 20
3. ETCO₂ < 25 mmHg

If not in Acute Pulmonary Edema/CHF

Initiate 30 ml/kg Normal Saline rapid IV bolus

Auscultate the lungs frequently for rales. If rales appear or dyspnea increases at any time, terminate the fluid bolus.

Request receiving facility initiate a "Sepsis Alert" as part of radio report.

If the systolic blood pressure remains < 90 mmHg after Normal Saline bolus

Consider Epinephrine Drip 2 - 10 mcg/min
Titrate to a systolic blood pressure or > 90 mmHg

General

EMT

AEMT

Paramedic