

## Kittitas County Prehospital EMS Protocols

**SUBJECT: ETOMIDATE (AMIDATE)**

**ACTION:**

Sedative-Hypnotic.

**INDICATIONS:**

Adjunct in rapid sequence intubation.

**CONTRAINDICATIONS:**

None in setting of rapid sequence intubation unless prior hypersensitivity to Etomidate.

**PRECAUTIONS:**

Causes rapid and deep hypnosis usually within 1 minute (sometimes as fast as 15 seconds). Should only be used in the process of rapid sequence intubation with appropriate personnel and equipment ready to support ventilation.

**SIDE EFFECTS:**

May cause the following:

1. Rapid and deep sedation.
2. Mild local burning and venous irritation at site of injection.
3. Mycolonus (muscular contractions).
4. Nausea, and vomiting may occur if used without paralytics.
5. Adrenal suppression (when used continuously as in the ICU setting).

**DOSAGE:**

0.3 mg/kg

**ROUTE:**

IV over 30-60 seconds, or IO

**SPECIAL NOTES:**

1. Etomidate is a general sedative-hypnotic agent used for rapid sedation of a patient undergoing intubation.
2. It provides rapid, complete, and reproducible sedation at a standard dose without the adverse cardiovascular effects often seen with other sedative agents.
3. Onset of sedation-hypnosis is about 1 minute with duration of sedation about 3-10 minutes. Recovery time may be shortened by co-administration with Fentanyl.