The use of paralytic drugs in the Advanced Airway Management protocol under (R.S.I) is reserved for those paramedics that have received extensive training in advanced airway management. The administration of paralytic drugs found in this procedure must only be done by those paramedics that have prior medical director authorization.

See Medical Procedure 4.28 – Advanced Airway Management.

**ACTION**

ZEMURON® (rocuronium bromide) is a nondepolarizing neuromuscular blocking agent with a rapid to intermediate onset depending on dose and intermediate duration and is indicated for patients as an adjunct to general anesthesia to facilitate both rapid sequence and routine tracheal intubation, and to provide skeletal muscle relaxation during surgery or mechanical ventilation.

**DOSAGE AND ADMINISTRATION**

ZEMURON (rocuronium bromide) INJECTION IS FOR INTRAVENOUS USE ONLY.

INDIVIDUALIZATION OF DOSAGE SHOULD BE CONSIDERED IN EACH CASE.

**Rapid Sequence Intubation:**

In appropriately premedicated and adequately anesthetized patients, ZEMURON (rocuronium bromide) Injection 0.6-1.2 mg/kg will provide excellent intubating conditions in most patients in less than 2 minutes.
Dose for Tracheal Intubation:

The recommended initial dose regardless of anesthetic technique is 0.6 mg/kg.

Neuromuscular block sufficient for intubation is attained in a median (range) time of 1 minute(s) and most patients have intubation completed within 2 minutes.

Maximum blockade is achieved in most patients in less than 3 minutes.

Duration: 30 minutes

Use in Pediatrics:

Initial doses of 0.6 mg/kg in pediatric patients under anesthesia produce excellent to good intubating conditions within 1 minute.

The median (range) time to maximum block was 1 minute(s).

This dose will provide a median (range) time of clinical relaxation of 41 minutes in 3 months-1 year infants and 27 minutes in 1-12 year-old pediatric patients.

Compatibility:

ZEMURON (rocuronium bromide) Injection is compatible in solution with:

1. 0.9% NaCl solution Sterile water for injection
2. 5% glucose in water Lactated Ringers
3. 5% glucose in saline