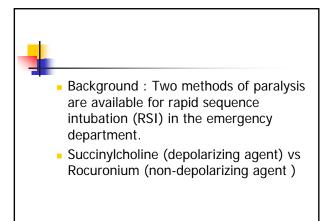
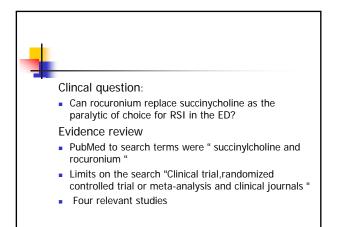


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	Succinylcholine	Rocuronium
Adventages	1.Rapid onset,a short half- life and excellent intubating conditions 2.No adverse cardiovascular effects 3.Allow return of spontaneous respirator function in 5-10 min	1.Cusing less pain due to post- paralysis myalgias. 2.Useful when succinycholine is contraindicated.
Contraindications	1.Post-paralysis pain due to the fasciculations 2.Hx of malignant hyperthemia 3.Denervation syndromes 4.Patients who are 24-48 h post burn or crush injury 5.Open globe injuries 6.Myalgia 6.Hyperkalemia?	 Do not cause fasciculations Much longer half-life Hypersensitivity.



Rocuronium versus succinylcholine for rapid sequence induction of anesthesia and endotracheal intubation: a prospective, randomized trial in emergent cases. Anesthesia and Analgesia, 2005.[7]

Material:

- Total : randomized = 234:180
- Non-blinded, randomized, controlled trial Intervention: Rocuronium 0.6 mg/kg
- Control: S.C.C 1.0 mg/kg
- Primary outcome: The numerical scale consisted of a nine-point grading system for intubating conditions,
- Secondary outcome: Time to intubation
- Main result:
- $\frac{The \ numerical \ grading \ score:}{S.C.C \ / \ Rocuronium \ = \ 8.6 \ \pm \ 1.1 \ : \ 8.0 \ \pm \ 1.5 \ , \ (P<0.001)}$
- Median time for intubation S.C.C / Rocuronium = 95s / 130s

2. Comparison of rocuronium and suxamethonium (succinylcholine) for use during rapid sequence induction of anaesthesia. *Anaesthesia*, 1998.[8] Material: Total : randomized = 348 : 314 Double-blinded, controlled trial Intervention: Rocuronium was given in two dosed (0.6 and 1.0 mg/kg). The better of the two doses was used to compare vs. control Control: Succinylcholine 1.0 mg/kg Primary outcome: Intubating conditions using a three-point scoring system (excellent, good, poor) were assessed by a blinded observer 50 s after the end of injection of the neuromuscular blocking drug. The primary outcome of the study was to compare the intubating conditions with the two doses of rocuronium. Secondary outcome: Comparison of the better of the two doses of rocuronium with suxamethonium at a dose of 1.0 mg/kg.

