

Emergency Medicine Reference

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1 RSI

| Drug | Dose |
|----------------------|-----------------------|
| Paralytics | |
| Succinylcholine (IV) | 1.2-1.5 mg/kg |
| Succinylcholine (IM) | 3-4 mg/kg (NTE 150mg) |
| Rocuronium | 1 mg/kg |
| Induction | |
| Ketamine | 1-2 mg/kg |
| Propofol | 1-2 mg/kg |
| Etomidate | 0.3 mg/kg |
| Midazolam (IV/IM) | 0.2-0.3 mg/kg |
| Pretreatment | |
| Lidocaine | 1.5 mg/kg |
| Fentanyl | 1 mCg/kg |
| Atropine | 0.5 mg |
| Glycopyrrolate | 0.2 mg |

2 Sedation

Continuous Sedation

| Drug | Bolus | Initial | Max | Titration |
|-----------|------------|---------------|---------------|-----------|
| Fentanyl | 25mCg Q30m | 25 mCg/hr | 150 mCg/hr | 25 Q30m |
| Dilaudid | 0.4mg Q30m | 0.4 mg/hr | 2.4 mg/hr | 0.4 Q30m |
| Morphine | 2mg Q30m | 2 mg/hr | 12 mg/hr | 2 Q30m |
| Dexmed | - | 0.2 mCg/kg/hr | 1.5 mCg/kg/hr | 0.1 Q15m |
| Ketamine | - | 0.5 mg/kg/hr | 1.5 mg/kg/hr | 0.2 Q30m |
| Lorazepam | 2mg Q15m | 1 mg/hr | 8 mg/hr | 1 Q1H |
| Midazolam | 2mg Q15m | 2 mg/hr | 10 mg/hr | 1 Q1H |
| Propofol | 10mg Q5m | 10 mCg/kg/min | 50 mCg/kg/min | 10 Q10m |

3 Vasopressors

| Drug | Start | Max |
|----------------|-----------|---------------|
| Norepinephrine | 5 mcg/min | 30-40 mcg/min |
| Epinephrine | | |
| Phenylephrine | | |
| Dopamine | | |
| Dobutamine | | |
| Milrinone | | |
| Vasopressin | | |
| Ang-II | | |

4 Anti-Hypertensives

| Drug | Dose | Max |
|-------------|------|-----|
| Labetolol | | |
| Esmolol | | |
| Metoprolol | | |
| Hydralazine | | |
| Nicardipine | | |
| Diltiazem | | |
| Enalaprilat | | |

5 TBI

Goals

- ICP: **FINISH**
- MAP: **FINISH**
- SBP: **FINISH**

Tx

- Sedation / Analgesia
 - Propofol
 - Fentanyl
- Osmotic Therapy
 - 3% NaCL 250mL over 15min
 - 23.4% NaCL 30mL **FINISH**
 - Mannitol **FINISH**

6 Stroke

tPA Contraindications

Absolute

- >3hr from last normal
- Use of the following anticoagulants / anti-platelets
 - Warfarin if INR >1.7
 - NOAC w/i 48hrs
 - Therapeutic LMWH w/i 24hr
 - GIIb/IIIa inhibitors concurrently
- Coagulopathy defined by
 - Plts <100k
 - INR >1.7
 - aPTT >40s
 - PT >15s
- BG <50
- BP >185/110
- Ischemic Stroke w/i 3mo
- Major head trauma w/i 3mo
- Intracranial / intraspinal surgery w/i 3mo (not including lumbar taps)
- Hx of or current head bleed
- Infective Endocarditis
- Aortic dissection
- Intracranial neoplasm

Relative

- Arterial puncture of non-compressible vessel w/i 7d
- Major trauma/surgery w/i 14d

3-4.5hr Window Inclusion Criteria

- <80yo
- No Hx of Stroke + DM
- NIHSS \leq 25
- No OAC regardless of lab parameters
- No imaging evidence of ischemic injury involving more than 1/3 of MCA territory

7 ACS

8 Status Epilepticus

9 EtOH Withdrawal

10 Burns

11 Pulmonary Embolism