



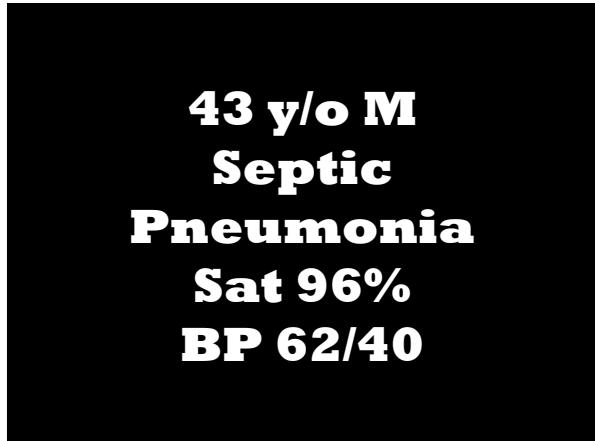
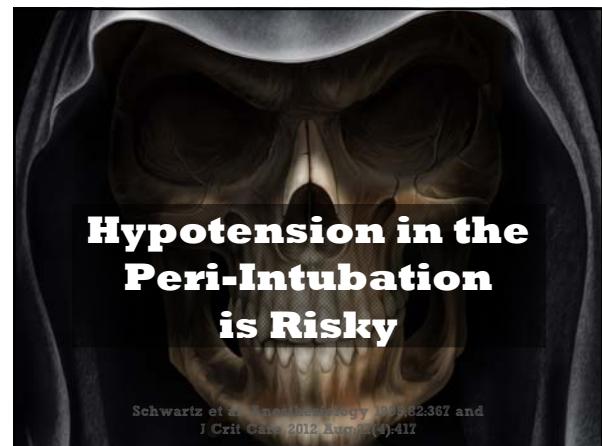
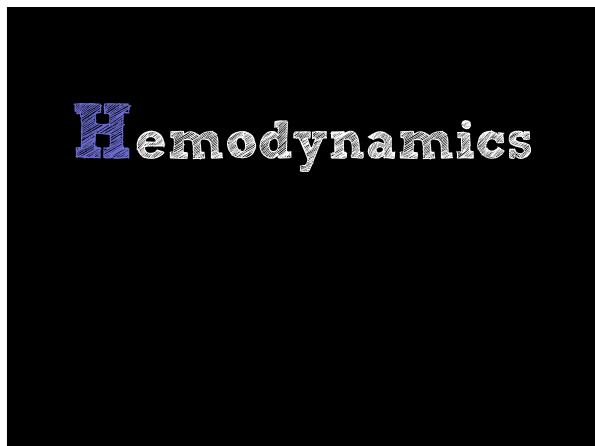
007

The
**Laryngoscope as a
Murder Weapon**

**Peri-
Intubation
Deaths are
Preventable**

**How to stop killing
our friggin'
patients when
intubating**

**Hemodynamics
Oxygenation
Low pH**



Induction Agent

**All Sedatives will
Drop BP in Shock
Patients**

J Clin Monit Comput 16(3): 183-190
Anesth Analg 59(5): 355-358

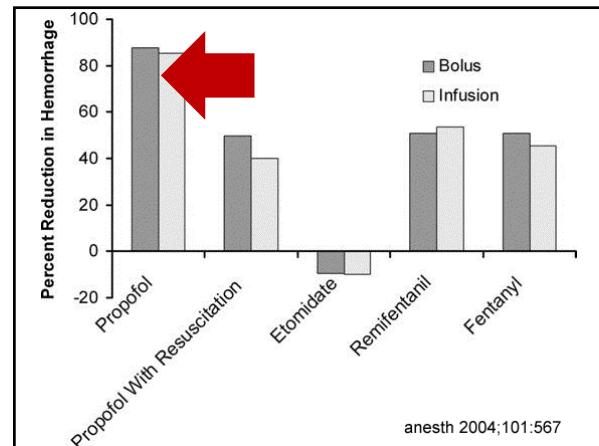
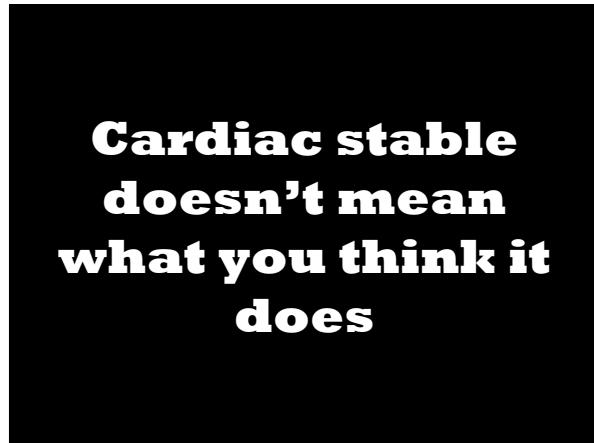
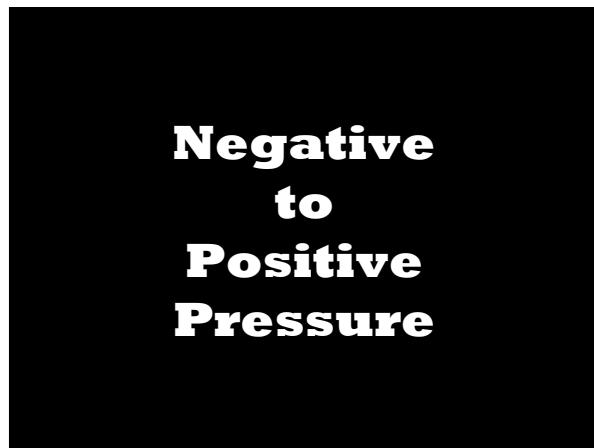
**Keep 'em Alive
No Memory
No Pain
No Awareness**



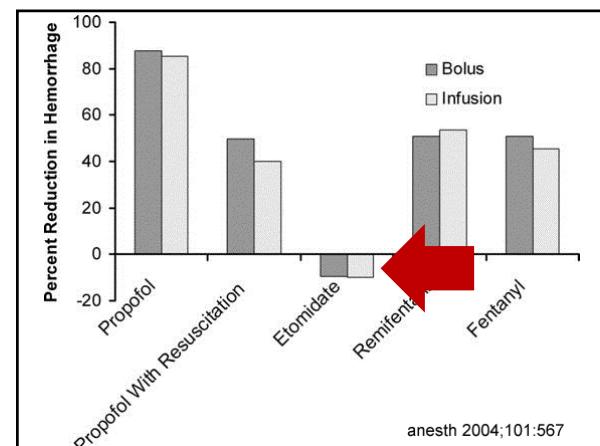
**Keep 'em
Alive!**

No Memory
No Pain
No Awareness





Etomideate



**Flat
Hemodynamics**

**Midazolam
+/-
Fentanyl**

Dose?



Sympathetic Surge

Drug Delivery

**Pain Dosing
Middle-Ground
Dissociation**

Pain Control

**Pain Dosing
Middle Ground
Dissociation**



emcrit.org/smacc



**Dose Induction
based on
plasma volume
&
clinical
circumstances**

**Paralytics take
longer to work**



**Spare discomfort,
Spoil life**

**This SUX isn't
working!&!!?**

	Ephedrine	Placebo	Esmolol
Cardiac Output	9.1	8	5.5
Onset of Rocuronium 0.6 mg/kg in sec	52	87	114

Acta Anaesthesiol Scand 2003;47(9):1067

What do I use?

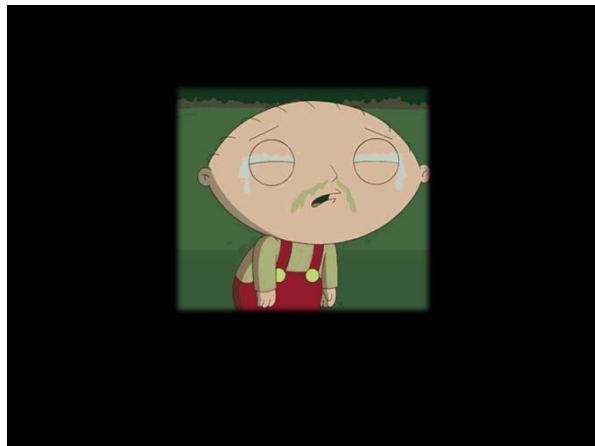
Give More!

Anesth Analg 2000;90:175-9

Pretreatment
with
Scopolamine
0.4 mg IVP

Sedatives Low
Paralytics High

Ketamine
0.25 - 0.5 mg/kg IVP



**Sux 2 mg/kg
or
Roc 1.6 mg/kg**

Anesth Analg. 2000 Jan;90(1):175-9.

**Shoot for a high BP
BEFORE
Intubating**

**What to do during
the
peri-intubation**

InoPressors

Bolus Dose InoPressor

EPINEPHRINE

Has alpha and beta 1/2 effects so it is an inotrope
Do not give cardiac arrest doses (1 mg) to patients with a pulse

Mixing Instructions

- Take a 10 ml syringe with 9 ml of normal saline
- Into this syringe, draw up 1 ml of epinephrine from the cardiac amp (Cardiac amp contains Epinephrine 100 mcg/ml)
- Now you have 10 ml of Epinephrine 10 mcg/ml



Onset-1 minute

Duration- 5-10 minutes

Dose-0.5-2 ml every 2-5 minutes (5-20 mcg)

PHENYLEPHRINE

It is pure alpha, so no intrinsic inotropy, and *no increase in heart rate*, but increases in coronary perfusion can improve cardiac output.

Mixing Instructions

- Take a 3 ml syringe and draw up 1 ml of phenylephrine from the vial (vial contains phenylephrine 10 mg/ml)
- Inject this into a 100 ml bag of NS
- Now you have 100 ml of phenylephrine 100 mcg/ml
- Draw up some into a syringe; each ml in the syringe is 100 mcg/ml



Onset-1 minute

Duration- 10-20 minutes

Dose-0.5-2 ml every 2-5 minutes (50-200 mcg)

The dose is for reference purposes only. Consult your physician and confirm all doses before using this drug.

Phenylephrine Epinephrine

Vent Settings

Phenylephrine
Epinephrine

Low & Slow

DSI

Plan Ahead

Hemodynamic

DSI

Plan Ahead
Dose Smart

To Review...

Plan Ahead
Dose Smart
Respond
Aggressively

