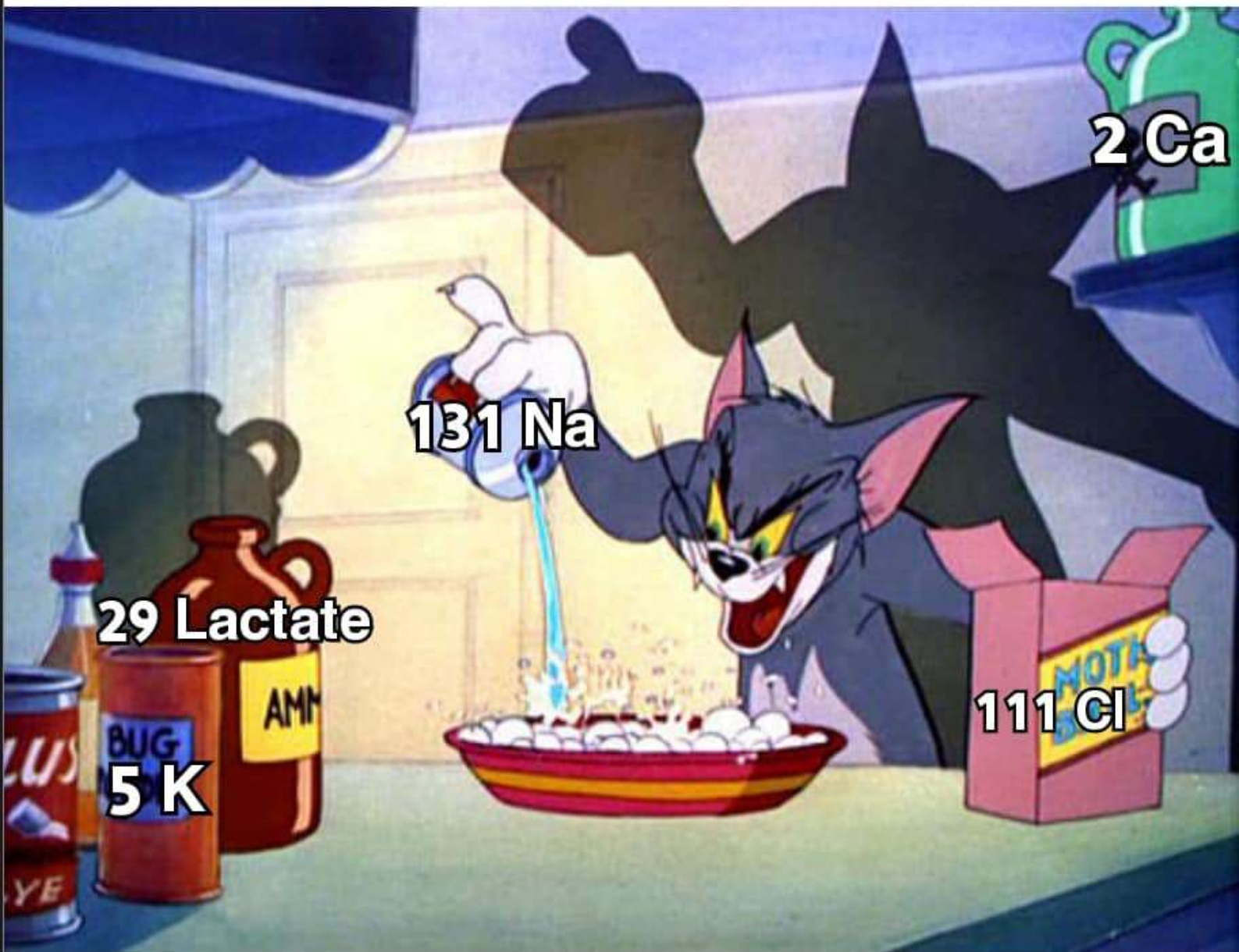
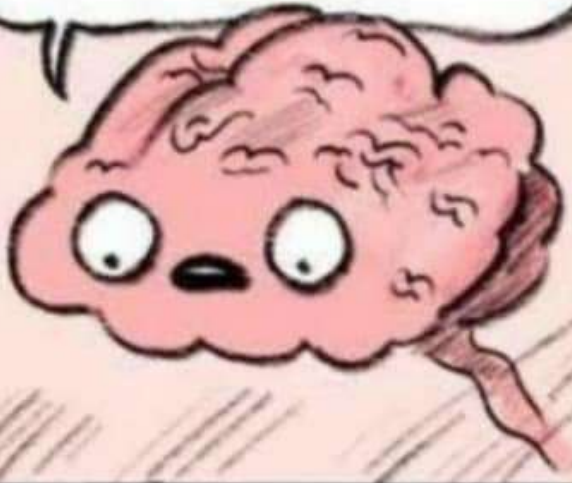


# Ringer lactate contents:



@HANIHIWAH / BuzzFeed

psst  
I have a question



Now?!  
What is it?



How come  
NORTH tubes are used for LOWER surgeries  
and SOUTH tubes for UPPER surgeries?





# Drugs causing bradycardia:

Morphine

Fentanyl

alfentanil

remifentanil

sufentanil

Meperidine

Other opioids

Meperidine

# Pulse Oximeter be like:



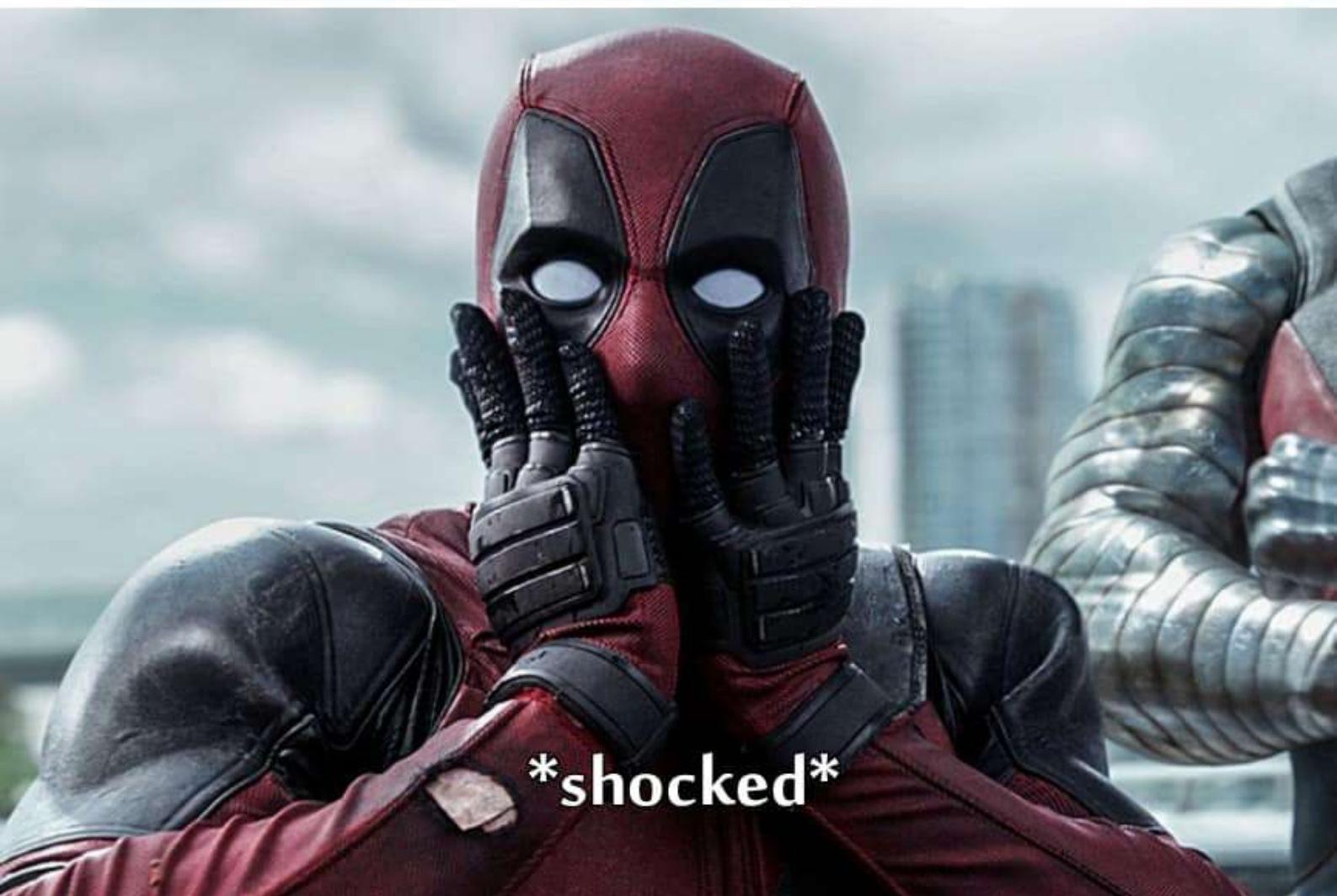
I can measure SpO<sub>2</sub>, pulse,  
check for rhythm  
and cardiac arrest



but plz don't put on  
nail polish I'll fail

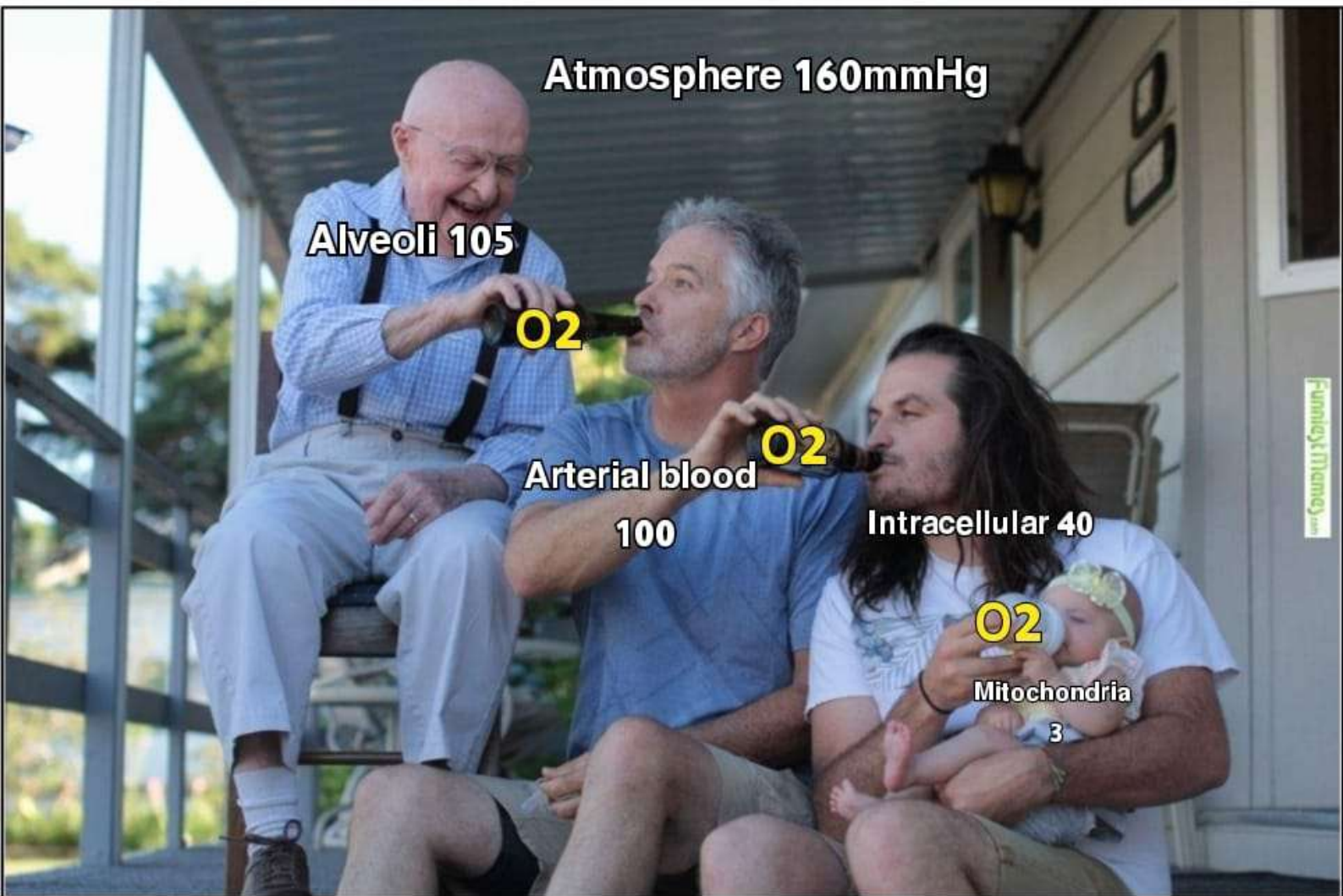


**\*a human being loses 1.5L of his blood\***  
**his body:**



**\*shocked\***

# Oxygen cascade





**Do not cuff young children!**



**\*non-cuffed tubes are used  
for neonates and young children**

## Rapid sequence induction:





## Students in BLS lecture:



**\*Given IV by mistake\***

**Cardiovascular  
system**

**Bupivacaine**



# Antidotes



recoronium

neostigmine

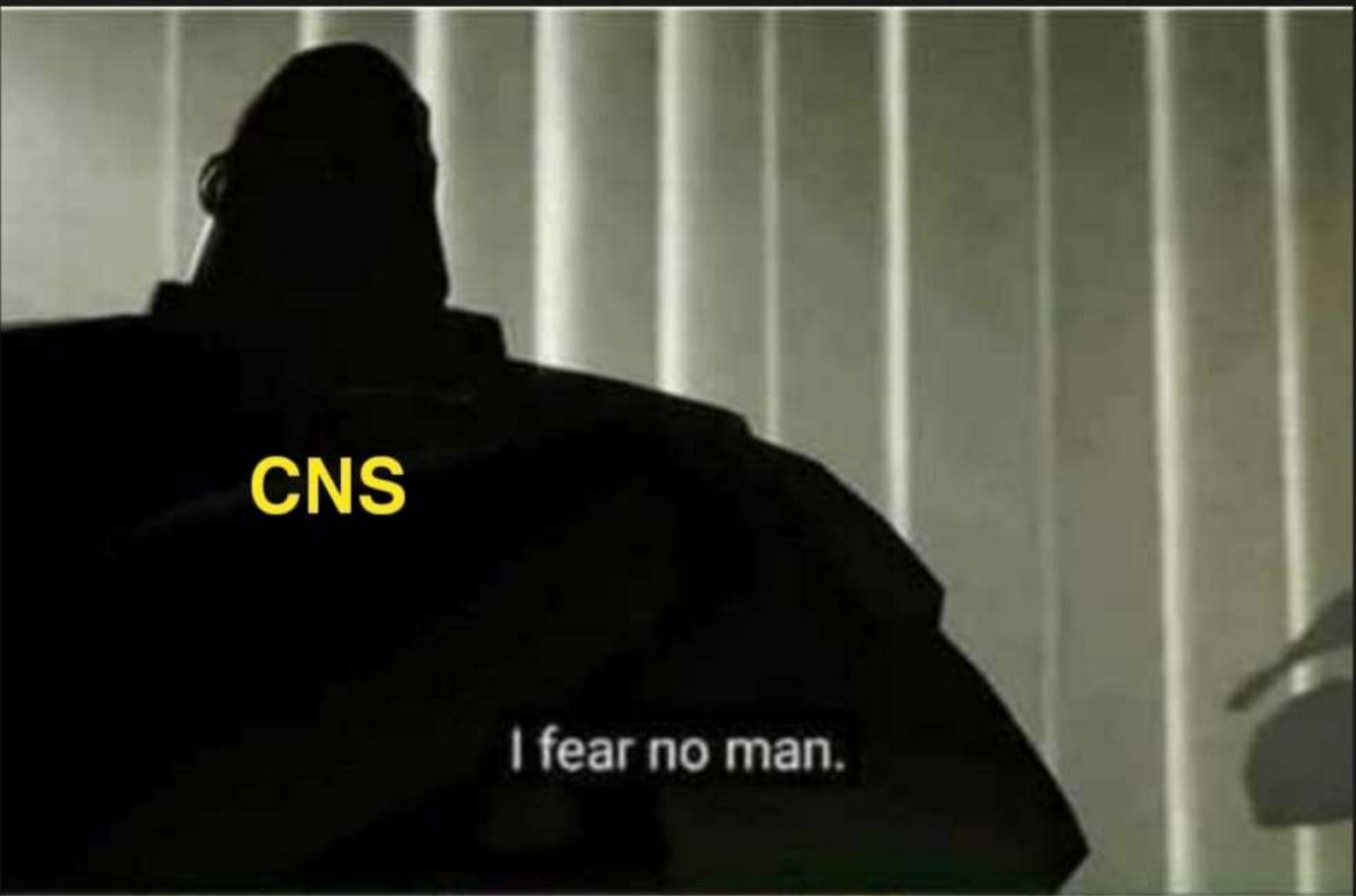
naloxone morphine

Benzo

Flumazenil

**Succinylcholine**

**\*Gives me nightmares\***





**PaO<sub>2</sub> got <60mmHg or PaCO<sub>2</sub> got >50**  
**Respiratory system:**



**MISSION FAILED WE'LL  
GET EM' NEXT TIME**

mematic.net

## Induction doses:



**0.1-0.2**



**0.2-0.3**



**1-2**

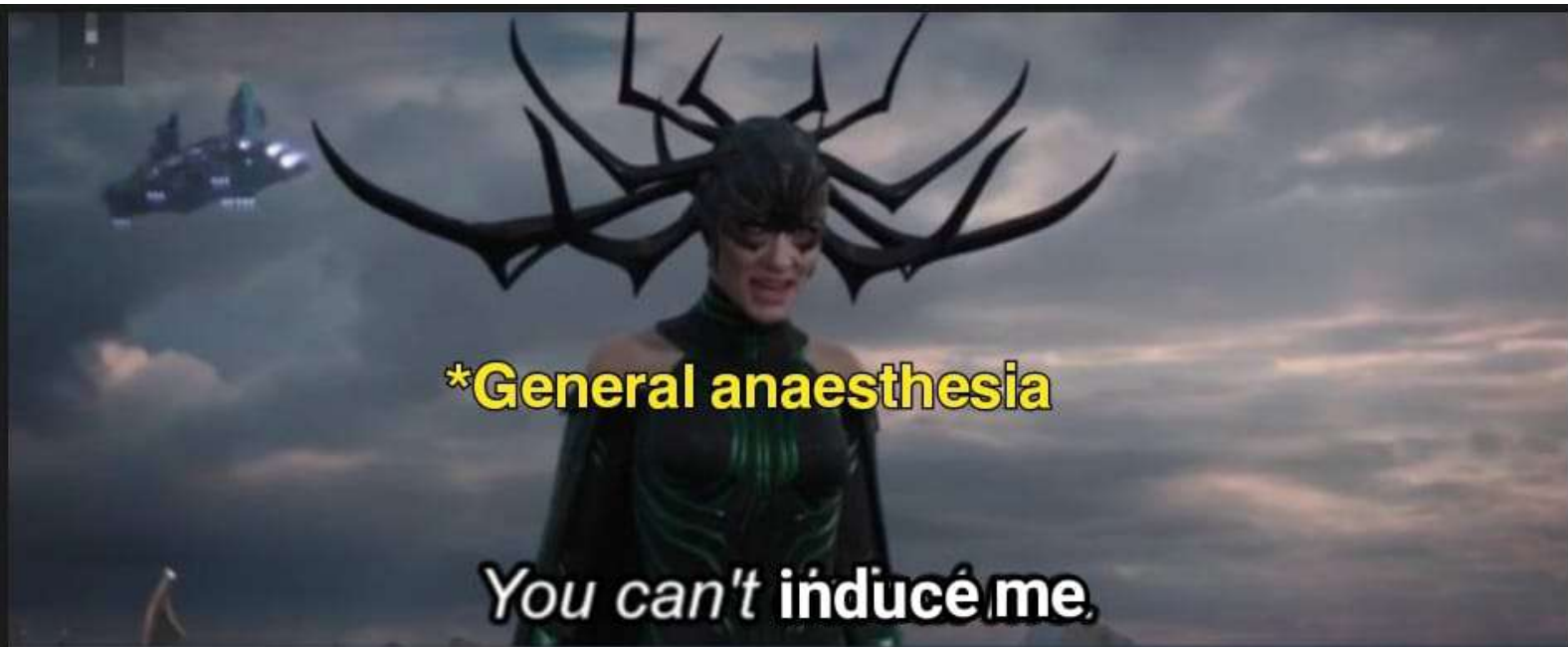


**1.5-2.5**



**3-5**





# MAC



**Halothane 0.75%**



**Isoflurane 1.2%**



**Enflurane 1.68%**

SAVE MORE, SMILE MORE.



**Sevoflurane 2%**



**Desflurane 6%**



**Xenon 71%**



**Nitrous Oxide**

**104%**