AIRWAY MANAGEMENT

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Anatomy Review

Conducting Passages

Upper Respiratory Tract
- Nasal Cavity
- Pharynx
- Larynx

Lower Respiratory Tract
- Trachea
- Primary Bronchi
- Lungs
What doesn’t change?
ABNORMAL OR EMERGENCY
Open Airway!

Difficulties with maintaining patency?
Airway adjuncts
Oropharyngeal airways (OPA)

Indications
- Unresponsive patients
- No gag reflex
Nasopharyngeal airway (NPA)

Indications

- Semi-conscious or unconscious patients
- Intact gag reflex

Always insert into right (larger) nostril first, with bevel opening medially
Hear gurgling? Suction!
ABNORMAL OR EMERGENCY
Respiratory Distress
Pulse Oximetry

Measures the amount of oxygen being delivered to the tissues

O$_2$ saturation often normal in the event of CO$_2$ poisoning
Abnormal Pulse Ox: Supplemental Oxygen
Get familiar

Flow Meter

Pressure Gauge

Valve stem

Opening for O2 flow

Attaches and removes regulator from tank
This one looks different. Would you know how to set up this one?
CASES FOR DISCUSSION
Case Study 1

Vitals

- Pulse: 110bpm
- Respirations: 24/min
- BP: 134/82
Case Study 2

Unconscious, unresponsive
Pulse 120bpm strong & bounding
Apneic
Cardiac history

Vitals

- Pulse: 72bpm
- Respirations: 30/min
- BP: 102/70

What’s in your **BIG** picture?
Case Study 4

Concern for c-spine?
Unconscious, unresponsive
No pulse
Apneic