



# Airway Management Clinical Update

CENNZ

2013

Dr Chris Abbott





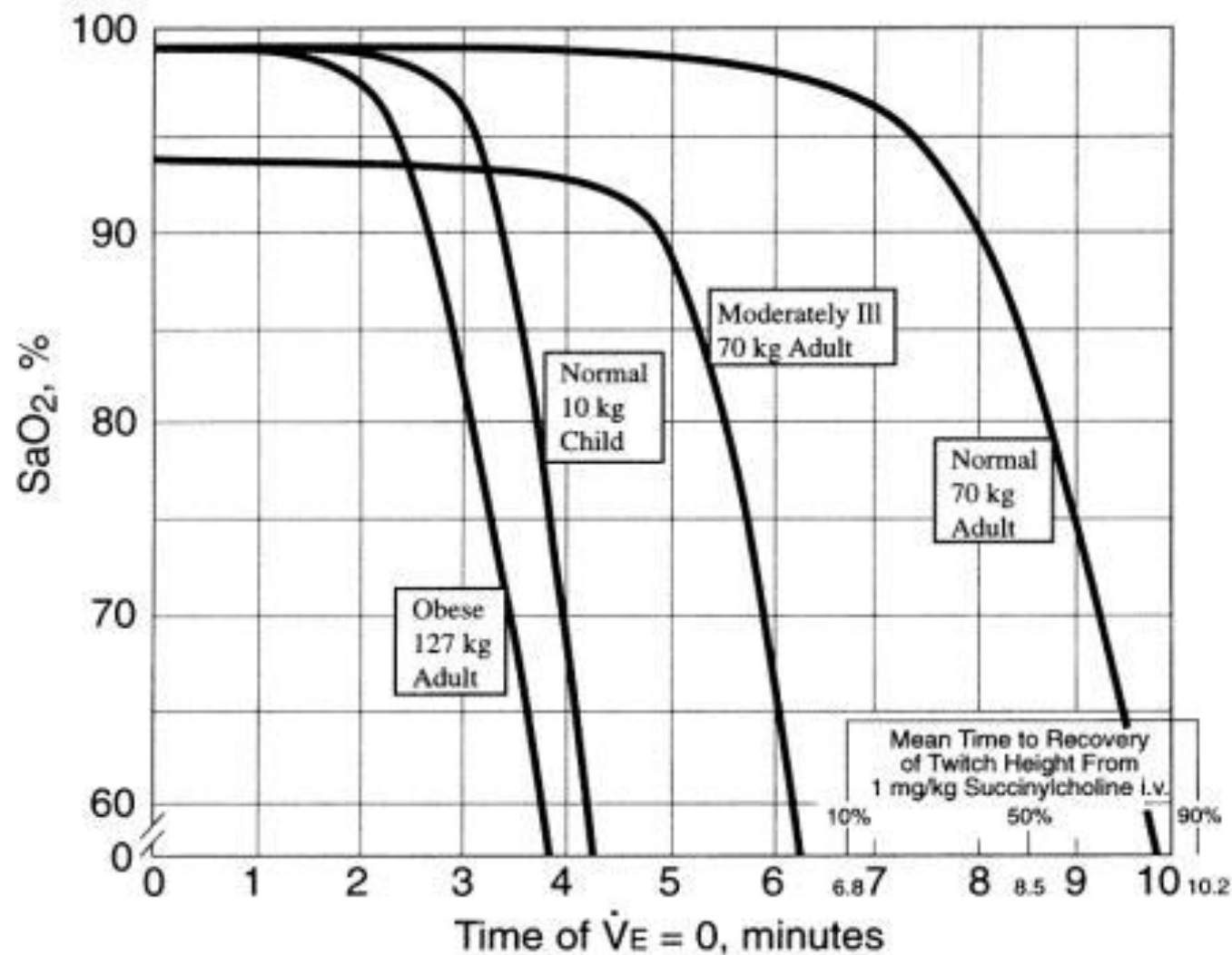
# Overview

- Preoxygenation
- Equipment
- Education

# PREOXYGENATION

- Every procedural sedation
- Every intubation

# TIME TO HEMOGLOBIN DESATURATION WITH INITIAL $F_{AO_2} = 0.87$







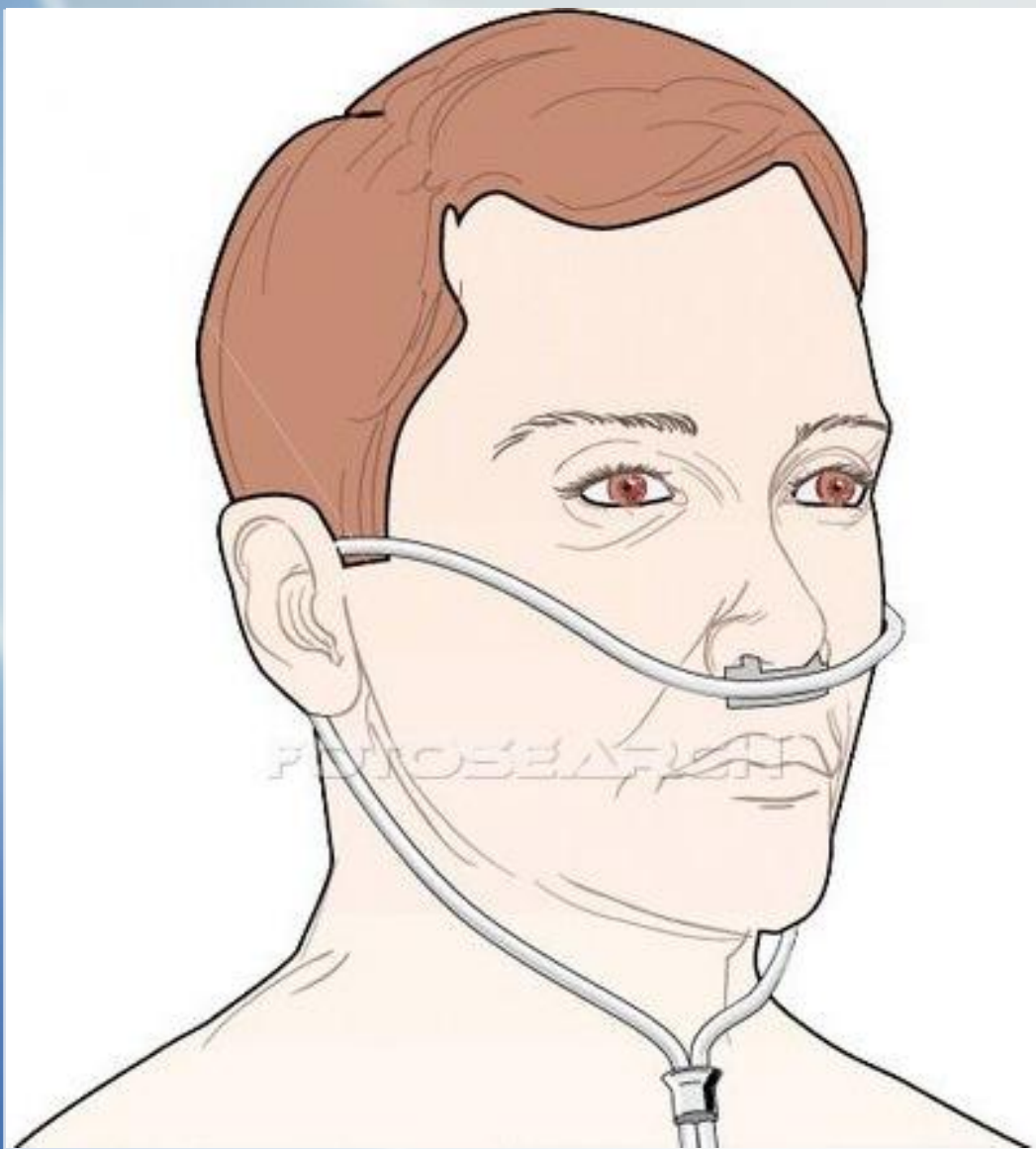


# Annals *of* Emergency Medicine

*An International Journal*







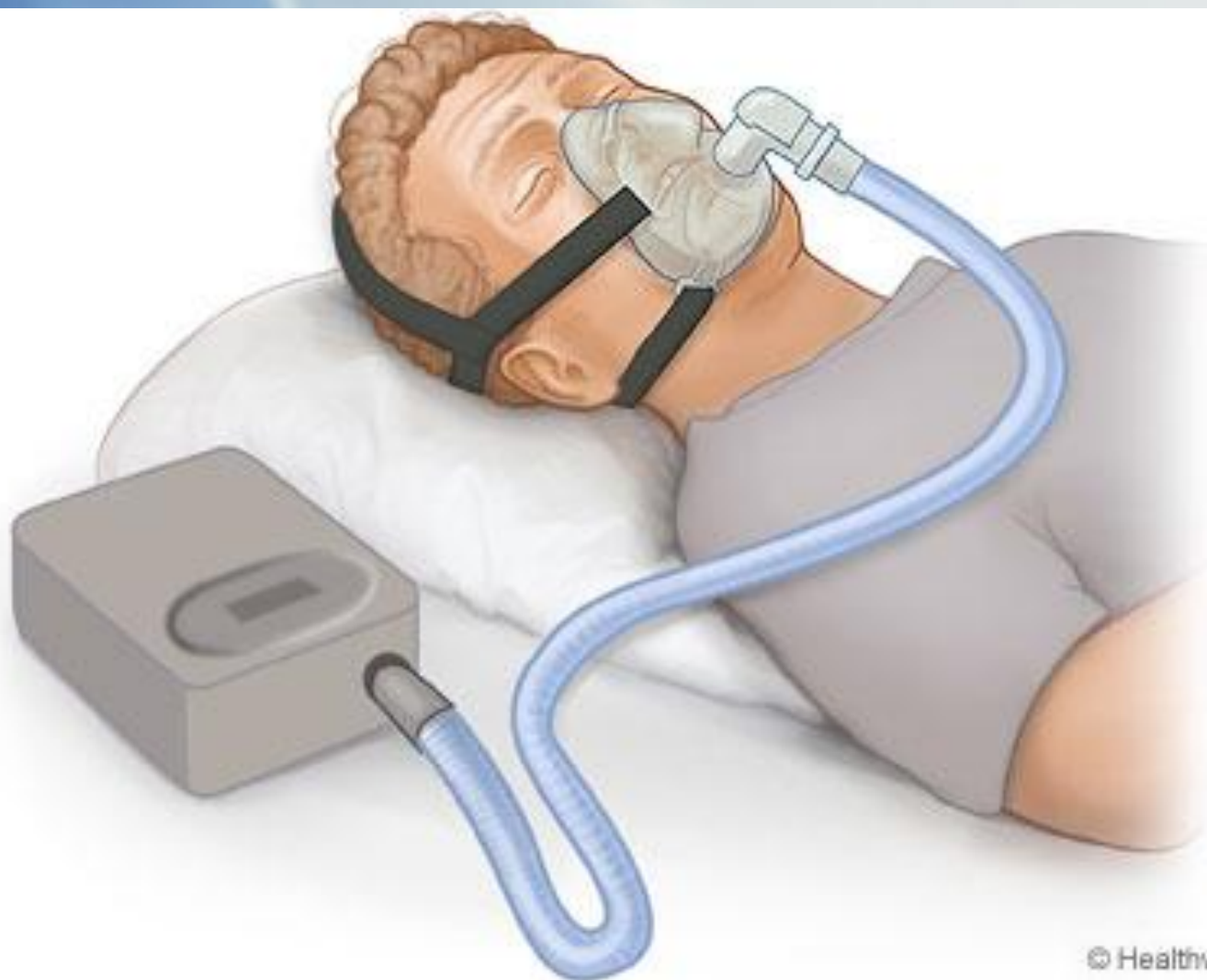






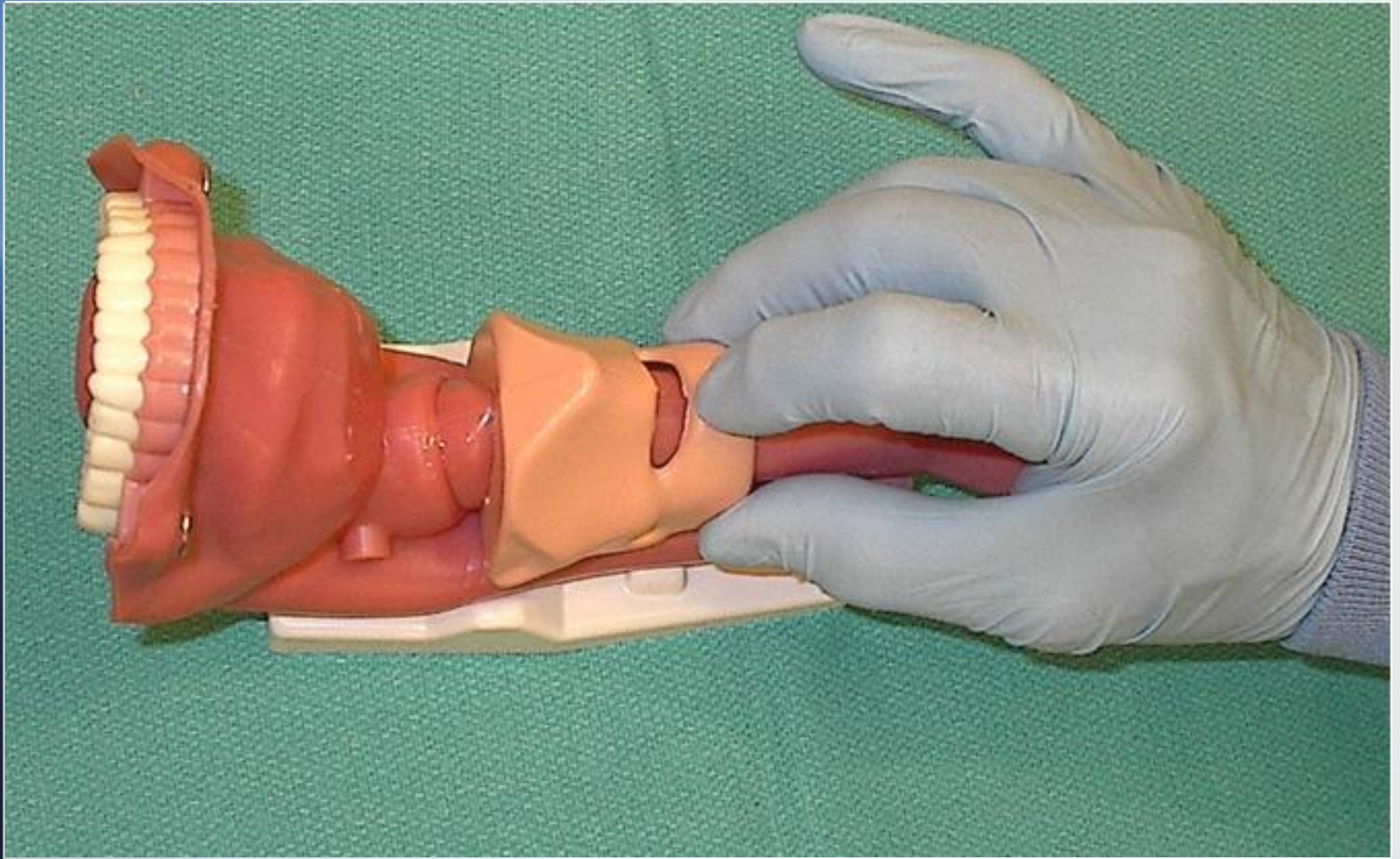






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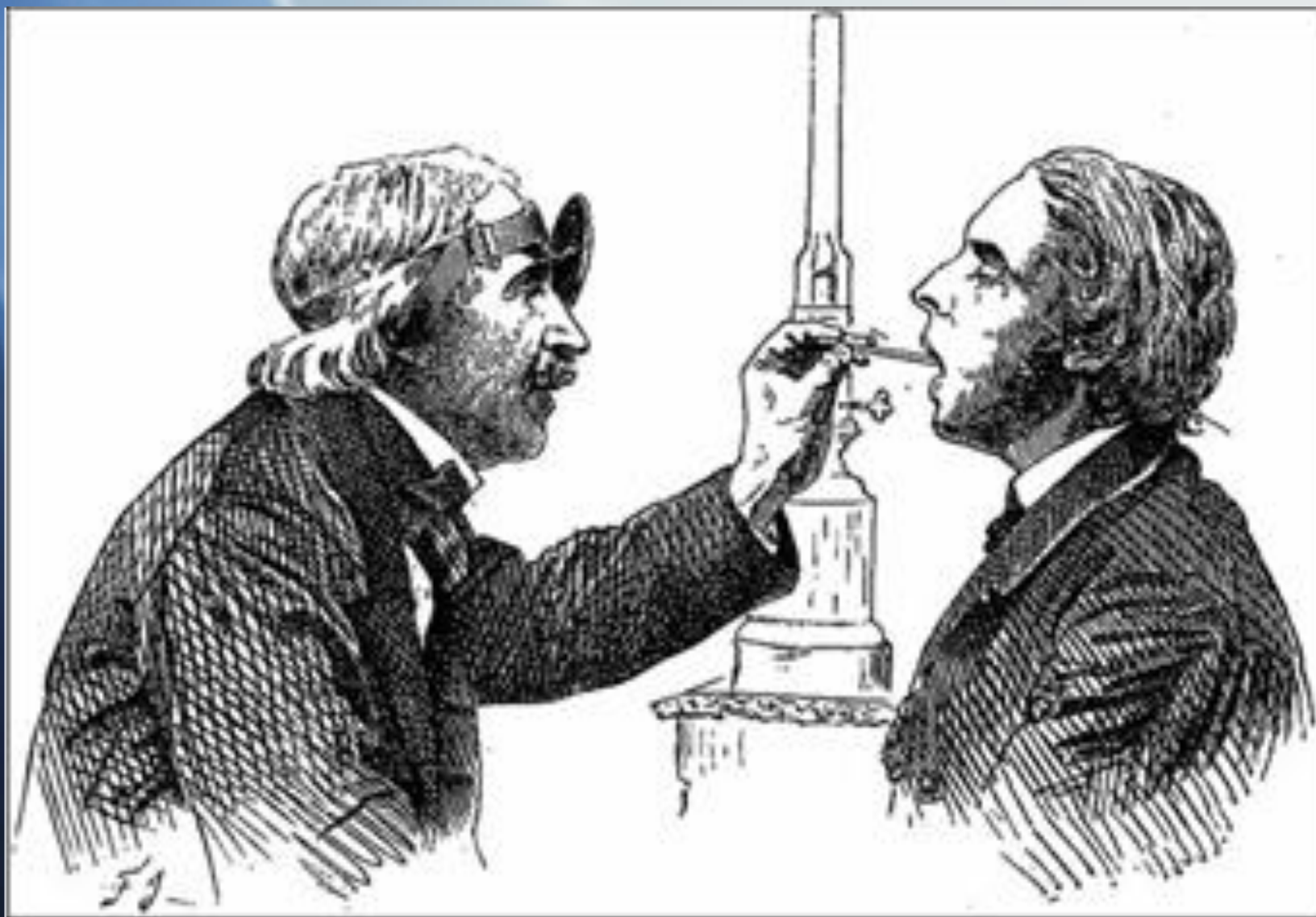


# Duration

- 3 minutes TV breathing
- 8 VC breaths



# EQUIPMENT





## Laryngoscopy view: Cormack and Lehane

Grade I



Grade II



Grade III



Grade IV











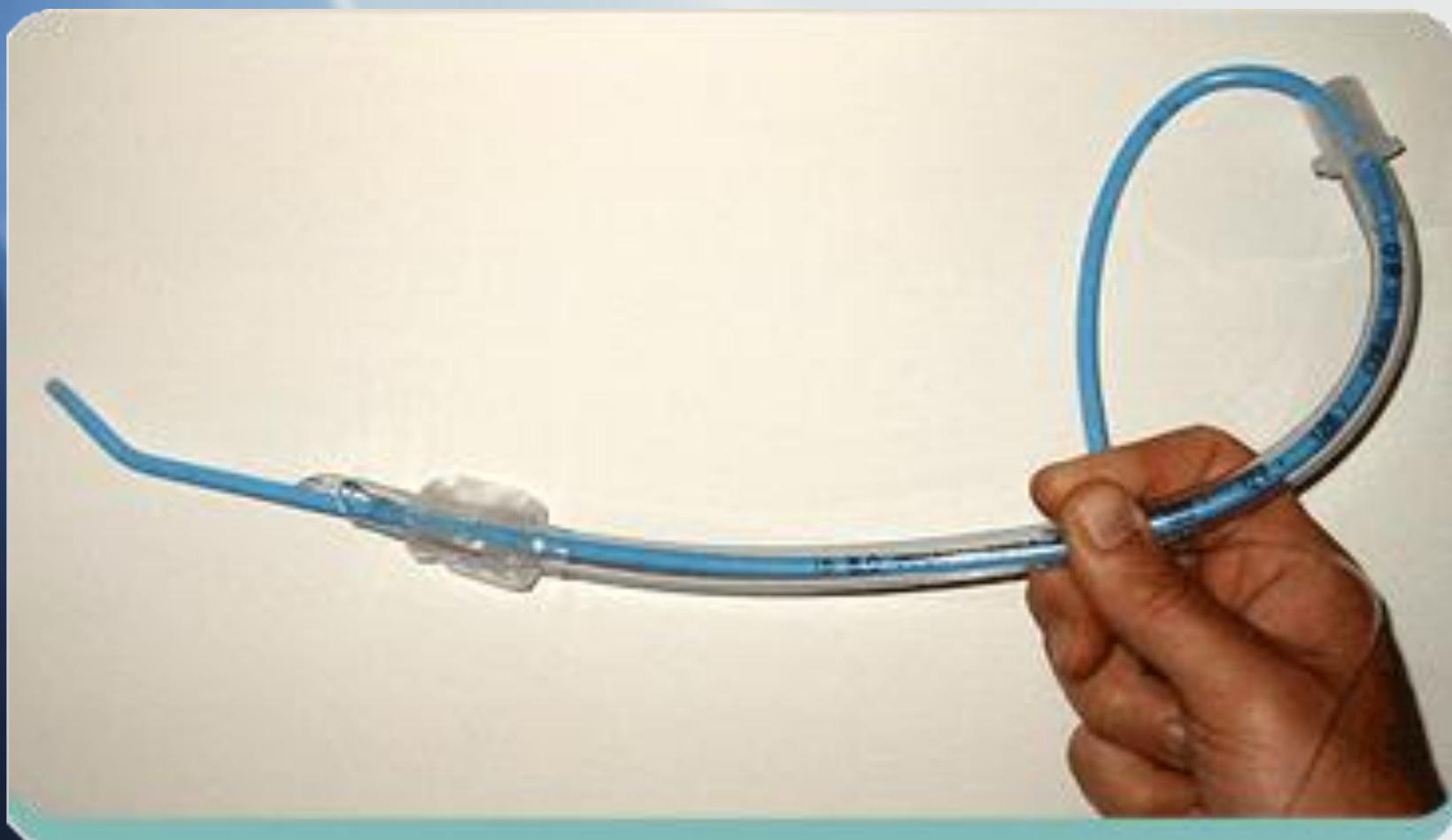
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# Videolaryngoscopy

- Safe
- Effective
- Easy to teach & learn
- Faster
- Higher 1st pass success
- Even in difficult airway



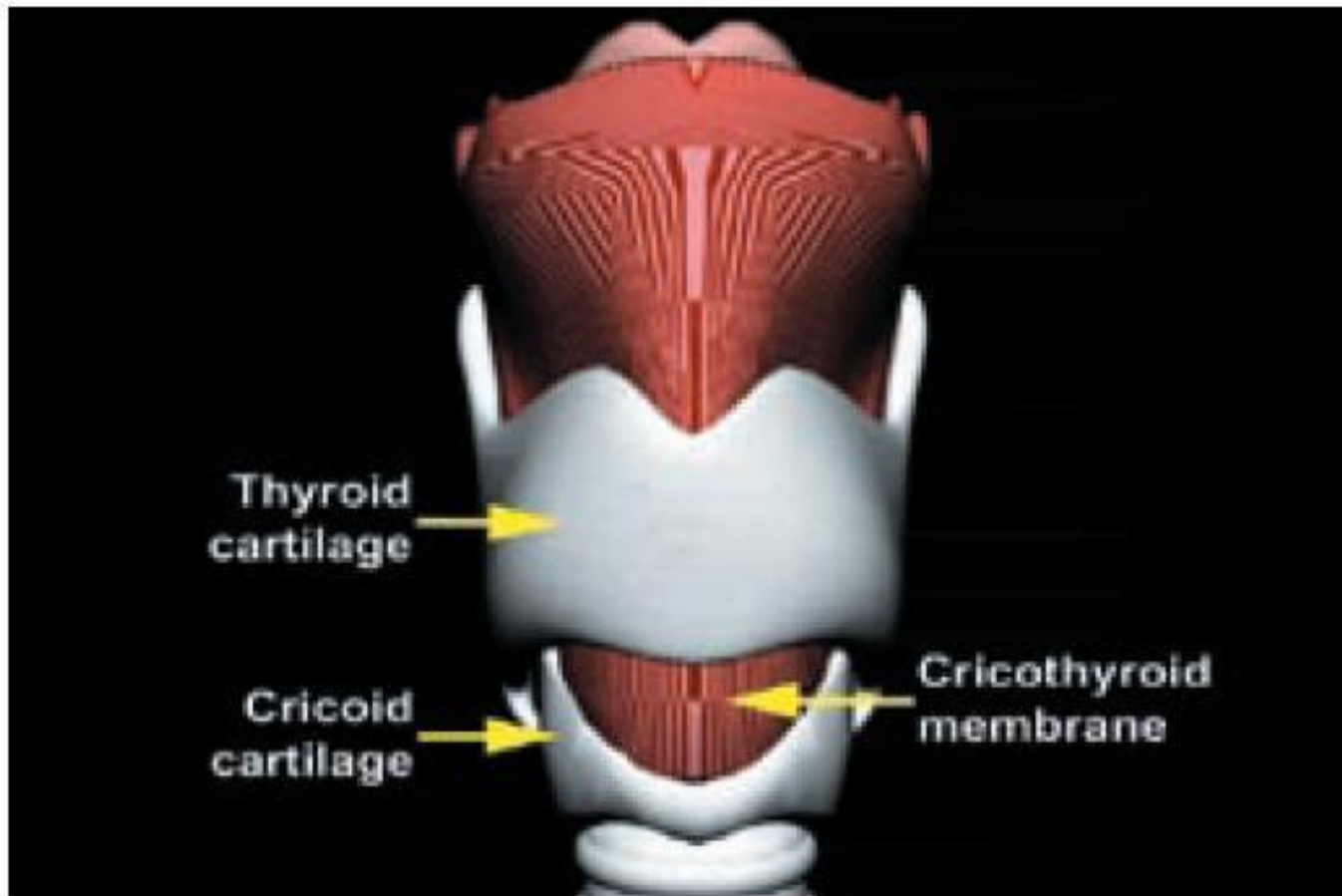




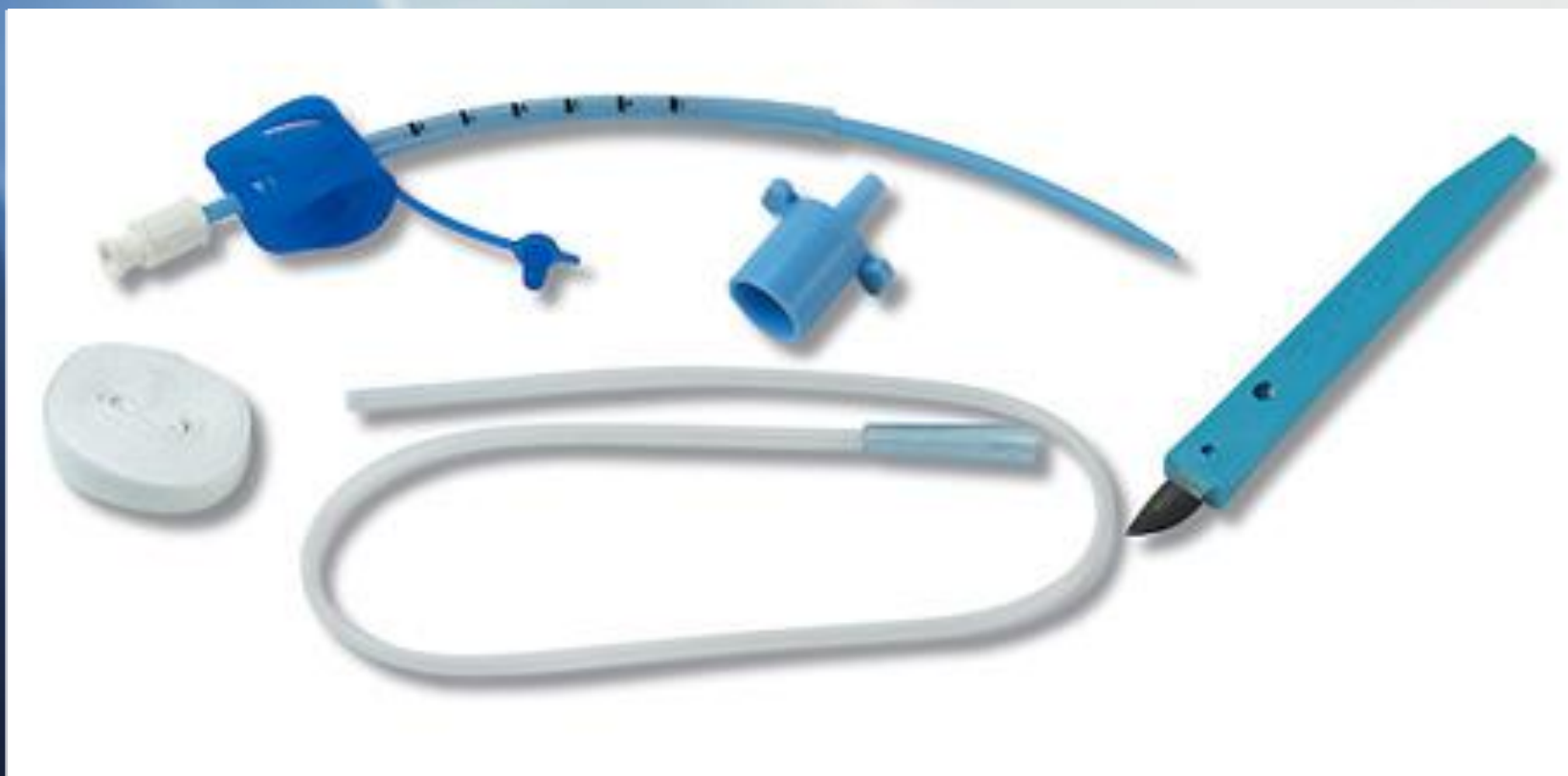








**Figure 2.** Landmarks for Cricothyroidotomy.



7L4s

Vascular Access

**M**

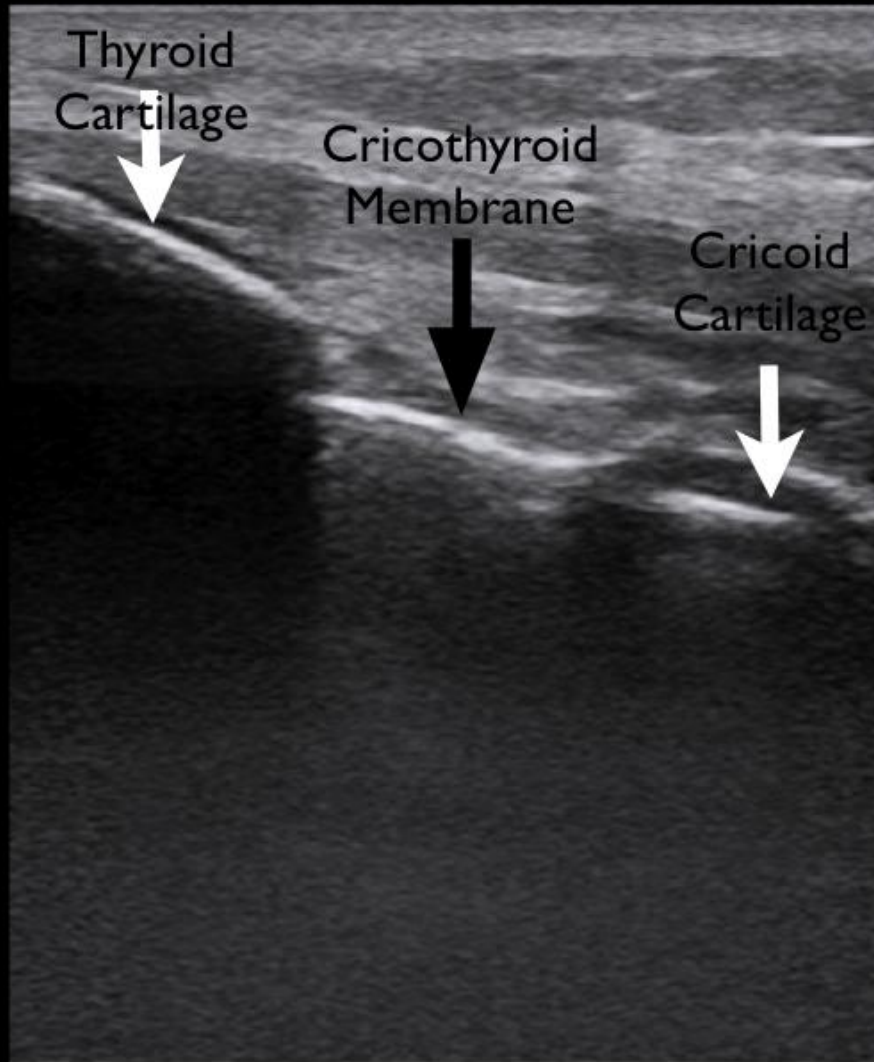
Thyroid  
Cartilage

Cricothyroid  
Membrane

Cricoid  
Cartilage

2

4



# EDUCATION



[www.nzrc.org.nz](http://www.nzrc.org.nz)

Conferences & Events  
Ph: +64 4 384 1511  
Email: [nzrc@confer.co.nz](mailto:nzrc@confer.co.nz)

RESUSCITATION

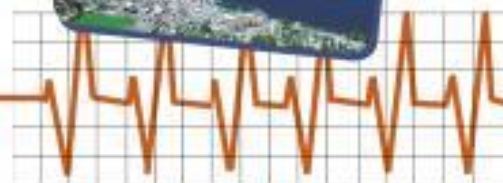
2014

QUEENSTOWN • NZ



*science to sensibility*

Rydges Lakeland Resort, Queenstown • 24 - 26 July 2014  
New Zealand Resuscitation Council Conference







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## Airway eLearning 2.0

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# WAMM 2015

WORLD AIRWAY MANAGEMENT MEETING

Save the date for the  
largest Airway meeting

12-14 November

# 2015

JOINT MEETING OF THE DIFFICULT AIRWAY SOCIETY (UK) & THE SOCIETY FOR AIRWAY MANAGEMENT (USA)

# DUBLIN



# References:

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- Allison et al. An Update on Airway Management in Emergency Medicine. medscape.com. March 2013
- Hagberg. Difficult Airway Management: what's new. Airway learning.com. April 2013
- Healy et al. A systematic review of the role of videolaryngoscopy. BMC Anesthesiology. Sept 2013