



# Advanced Airway Lab

Virginia Office of E.M.S.  
2011 EMS Symposium  
Course: AIR-214/AIR-216





# Why are you here????

To be able to recognize the difficult airway and to develop a rescue plan for difficult airway management



This is why are you here!!!





...and this





...and this





...and this





# Objectives

## *What this is not....*

A certification course.

## *What this is...*

An introduction to various procedures and equipment that will allow you to manage the difficult airway. These are the blueprints and tools.



# Objectives

## *What this is not....*

Authorization to perform these skills or use these pieces of equipment.

## *What this is...*

Ideas and processes to take back to your agency and Operational Medical Director (OMD).

Only your O.M.D. can authorize you to perform any of these procedures under their guidance and direction.





# Objectives

## *What this is not....*

An endorsement for any one product or manufacturer.

## *What this is...*

An opportunity to have hands-on training with the equipment.

An opportunity to interact with professionals who have years of experience and training as well as teaching the difficult airway.



## The Goal

*To obtain the best possible  
airway to meet the patient's  
needs.....*

*Ventilate and Oxygenate*



# The Strategy

*Prepare*

*Plan*

*Just **Do It***

*Evaluate*

*Evaluate*

*Evaluate*

*Evaluate*



# Prepare

1. *Mentally – every patient, every time*
2. *Physically – environment / comfort*
3. *Guidelines – what guides you*
4. *Practice, Practice, Practice – need I say more!*



# Plan

*Advance Airway Procedures only come before  
Basic Life Support .....*

*..... In the dictionary!!!*



# Plan

*Everything I learned as  
a Paramedic,*

*I learned as an E.M.T.*



# Plan

Paramedics save lives.....

.... and EMTs save Paramedics!!!



# Tactics

## BASIC LIFE SUPPORT



Your best friend

You **MUST** be proficient

Adjuncts (oral/nasal airways)

Commit to this first and

assign adequate resources





Plan

## BASIC LIFE SUPPORT



***Don't Forget  
Me!!!***



# Tactics

## ADVANCED LIFE SUPPORT

***Don't Be Impatient  
we're getting to that!!!***



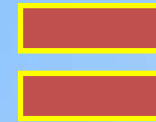
# Tactics



Tab A



Slot B



Happy  
O.M.D.



*JUST DO IT*

**Equipment – prepared, readied**

**Pre-oxygenate – the patient**

**Suction – as needed**

**Get-R-Done!**



# Evaluate

**Every time you intubate you must:**

- 1. Visualize - tube through the cords**
- 2. Chest Excursion – rise and fall**
- 3. Auscultate – bilateral equal breath sounds**
- 4. Lack of Epigastric Sounds**
- 5. Clinical Improvement – color, LOC**
- 6. End-Tidal CO<sub>2</sub>**
- 7. Pulse Oximetry**



# Evaluate

**Every time you intubate you must:**

**Secure that tube and record depth**





# Re-Evaluate

**Every time you move the patient and every 5 minutes you must:**

- 1. Chest Excursion – rise and fall**
- 2. Auscultate – bilateral equal breath sounds**
- 3. Lack of Epigastric Sounds**
- 4. Clinical Improvement – color, LOC**
- 5. End-Tidal CO<sub>2</sub>**
- 6. Pulse Oximetry**



# TACTICS

## **Station 1 – Video Laryngoscope /**

### **Intubation of the Difficult Airway**

John Sayers and Donnie Hall

John Green and Eddie Ferguson

## **Station 2 – Surgical Cricothyrotomy /**

### **Rescue Airway**

Greg Jones and Bill Slack

Tim McKay and Tom Nevetral







# Skills Stations

## 1045-1120

Group A	Station 1	Surgical Crikes /Rescue Airways
Group B	Station 2	Surgical Crikes /Rescue Airways
Group C	Station 3	Airway Maneuvers, Video
Group D	Station 4	Airway Maneuvers, Video

## 1120-1155

Group A	Station 3	Airway Maneuvers, Video
Group B	Station 4	Airway Maneuvers, Video
Group C	Station 1	Surgical Crikes /Rescue Airways
Group D	Station 2	Surgical Crikes /Rescue Airways



# Contacts

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