

INTRODUCTION

The orientation to the simulation environment can contribute to the performance of trainees undergoing a simulation based training session.

It is common practice for the instructor of a course to conduct an orientation to the mannequin or equipment being utilized for the training.

This approach while likely effective, allows for considerable variation in the actual orientation and introduction to the simulator that the trainee may encounter.

When considering the implementation of high fidelity simulation equipment in a testing situation it is important that the trainee cohort receive a standardized orientation to the equipment being utilized.

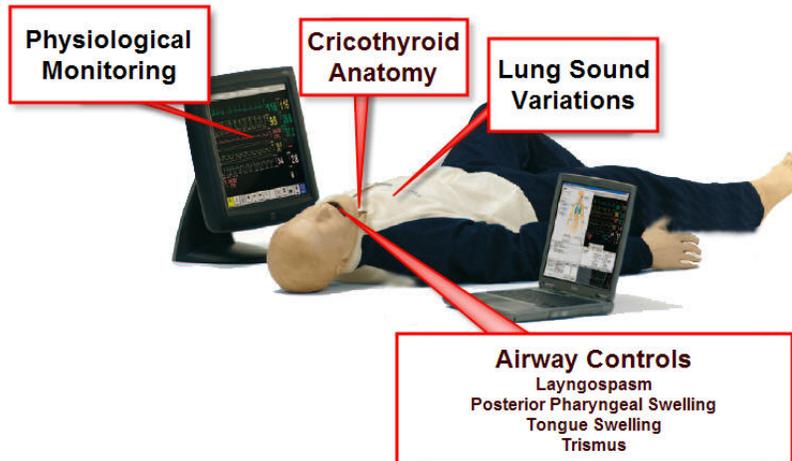
METHODS

We create a self paced orientation program for trainees to become oriented to the aspects of SimMan used in our Difficult Airway Management Training program. The tool does not require the immediate presence of an instructor.

METHODS

- Laerdal SimMan Software Utilized
- Voice prompts direct the orientation tasks
- Trainees signal to the simulator when a task is complete and they are ready to move on.
- Program can be completed in about 10 minutes with groups of 2 trainees
- Voice Prompts Direct the trainees to:
 - Visualize the Airway
 - Demonstrate Airway Difficulty Features of the simulator
 - Laryngospasm
 - Posterior Pharyngeal Swelling
 - Tongue Swelling
 - Trismus
 - Demonstrate Lung Sound Variations
 - Points out physiological monitoring

Functional Areas of Orientation Provided by the Meet SimMan Tool



METHODS

Emergency Medicine Difficult Airway Management Course
Date: Dec 20, 2006
Participants: EMRI

8:30 - 9:00 Welcome, Pre-Test and Survey Pirampus

9:00 - 9:40 Pre-Test Scenarios, Course Overview & Algorithms

Time	MET 1 Pirampus 2 Hr	MET 2 Touhy 2 Hr	MET 3 Henderson 1 Hr	MET 7 Wack 1 Hr
9:00 - 9:10	(A) Meet SimMan	(B) Meet SimMan	(C) Meet SimMan	(D) Meet SimMan
9:10 - 9:30	Johnson/Boyd	Davison/Henao	Kerron/Mayem	Mikovic/Mayo
9:30 - 9:30	Hesse/Davison	Went/Henao	Hagan/Milrod	Brodsky/Menon
9:30 - 10:20	Plasma	Course	Report	Algorithm
10:20 - 10:40	Kerron/Mayem	Johnson/Boyd	Davison/Henao	Went/Henao
10:40 - 11:00	Wagan/Milrod	Hagan/Milrod	Menon/Kerron	

11:00 - 11:10 Break

Groups
A
1. Atkinson
2. Brady
B
1. Donaldson
2. Henao
C
1. Kristan
2. Mayem
D
1. Mikovic
2. Wack

Conducted at the beginning of the simulation program

CONCLUSIONS

A standardized orientation process should be considered for any program incorporating technology as part of an assessment.

The creation of a self paced orientation tool for the SimMan contributes to a standardized approach to familiarize trainees to this simulation tool.

This self paced orientation tool can be utilized without the immediate presence of an instructor or simulation technician.