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The role of the clinical technician within a simulated practice

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# University of HUDDERSFIELD

The Role of the Clinical Skills
Technician

By Tracy Clayton



## University = June 2007

- Clinical Technician
- Part Time



Technicians

- 1 Full Time = Senior Clinical Technician
- 1 Part Time = Clinical Technician

## Skills Laboratory's



#### **Nursing Ward**



#### Simulation Suite





#### **Operating Theatre**



#### **Occupational Therapy**





#### Neptune Ward (Child Nursing)





# • iStan = September 2008



#### iStan = September 2008



- Need for Technical Support
- New Job Role Generated
- Demonstrator for iStan
- 2 Full Time = Senior Clinical Technician
- 1 Full Time = Clinical Technician

#### Overview of Job Role



- Maintain
- Preparation
- Correct Running
- Voice (Unless Male)
- Designing New Scenarios
- Collaboration With Staff
  - » Correct Curriculum



 Nursing and Midwifery Council (NMC)

 Allow 300 Hours for Simulation Practices

#### **Critical Care**



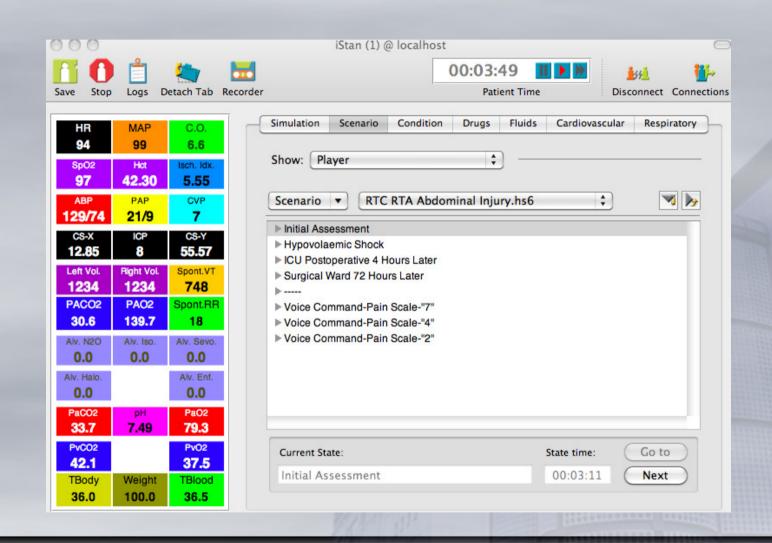
#### Road Traffic Accident

- Airway (A)
- Breathing (B)
- Circulation (C)
- Disability (D)
- Exposure (E)



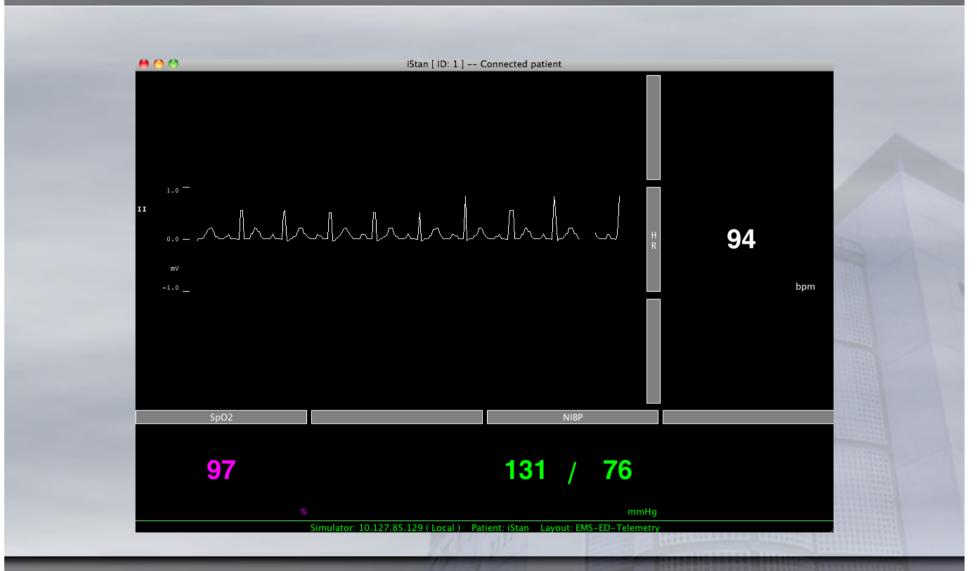
#### **Road Traffic Accident**





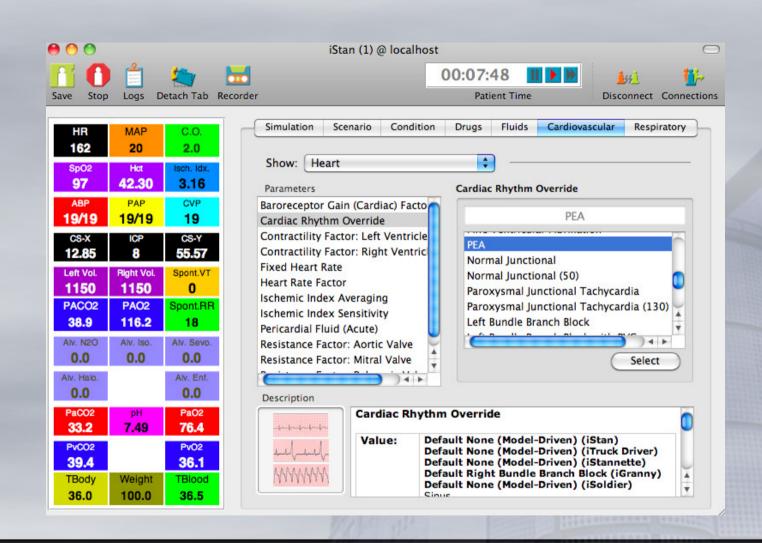
#### **Initial Assessment**





## **Stop Breathing**





### Non Shockable Rhythm





#### **Learning Outcomes**



- Observation of A, B, C, D and E
- Understanding & Administration of
  - » Oxygen
  - » Medication
  - » Fluids
- Sense of Real CPR

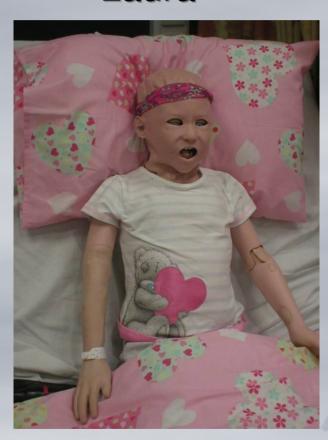


- Develop the role of the simulation technician
- Open it up to students
- OCSE'S
- More Disciplines
- Practice Gap

## **Practice Gap**



Laura



& Stan



## **Skills Learnt Through Simulation**



- Communication
- Confidence
- Involvement
- Problem Solving
- Creative Scenarios
- Curriculum
- Understanding



Programmed 8 scenarios

7 Adult Nursing, various illnesses

 1 Mental Health, schizophrenia patient presenting diabetes's

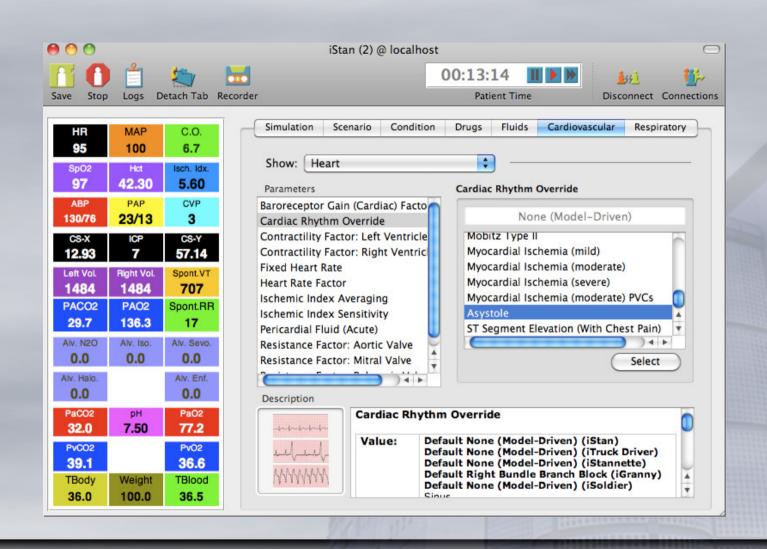
#### Flat Lining iStan



- Can you flat line iStan?
- How do you flat line iStan?
- Physiological effects
  - » Eyes close
  - » Stops breathing
  - » No palatable pulses

#### Flat Lining iStan









## Injuries





## **Deep Laceration**





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