

**NHS FORTH VALLEY**

**JOB DESCRIPTION**

**1. JOB DETAILS**

**Job Title:** Simulator Technician

**Responsible to:** Senior Technician

**Department(s):** Scottish Clinical Simulation Centre

**Job Holder Reference:**

**No of Job Holders:**

**2. JOB PURPOSE**

This post will have responsibility for the effective day to day co-ordination of all technical aspects of operating the simulation centre. It will involve working closely with the senior technician, educational co-ordinators, visiting faculty, course delegates and other centre based staff.

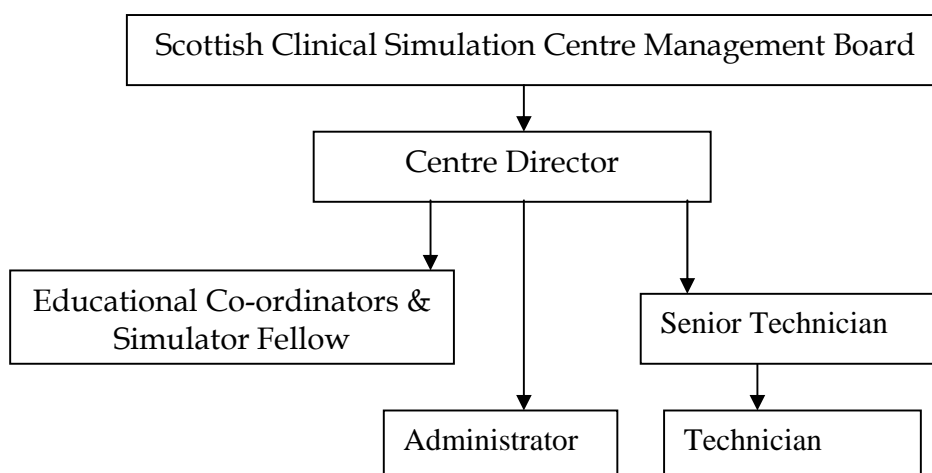
**3. ORGANISATIONAL POSITION**

Major funding for Scottish Clinical Simulation Centre is provided by NHS Education for Scotland (NES).

Management of centre through management board approved by NES.

Financial and operational management provided through Forth Valley Health Board.

**ORGANISATIONAL CHART**



## **ROLE OF DEPARTMENT**

Delivery of high fidelity training simulation for multiple health care disciplines including multidisciplinary and multiprofessional training.

### **4. DIMENSIONS**

No. courses/month (avg) 15 - 20

No. participants/month (avg) 100 - 130

Courses delivered to undergraduates/postgraduates in medicine, nursing, dentistry and PAMs.

### **5. KEY DUTIES/RESPONSIBILITIES**

#### **Technical Support**

Develop a sound working knowledge of the advanced patient simulators and audiovisual system, providing direct cover for the senior technician when required.

Troubleshooting, maintenance and repair of high fidelity patient simulators

Basic maintenance and repairs to props, clinical and audiovisual equipment

#### **Centre operations**

General set up of the centre including opening of rooms, general tidiness and switching on/off of audiovisual equipment, simulation manikins, medical gases, anaesthetic machine and other relevant equipment.

Security – Opening up/locking up of /centre when required including the safe cleaning, storage and security of equipment

Responsibility for the maintenance and ordering of stocks including clinical supplies and equipment, pharmacy stocks and medical gases.

#### **Course Preparation**

Co-ordinate the daily technical elements of all courses using a range of equipment and supplies including, part task trainers, computer based simulators, audiovisual equipment and appropriate medical and surgical equipment

Orientation of course participants to centre including introduction to simulation environment and simulator(s)

#### **Course Delivery**

Setting up of individual scenarios (room, equipment, AV). Changeover of room/manikin in between scenarios and cleaning/tidying as required.

Participation in scenarios through role playing in a variety of clinical contexts.

Provision of technical support and equipment demonstrations to course leaders and centre users including nursing staff, allied health professionals and doctors in training

#### **Centre Development**

To present a positive image of the Scottish Clinical Simulation Centre to all users and promoting it as a Centre of excellence for educational and conference services.

Identifying and implementing service improvements in conjunction with the Senior Technician and other Centre staff.

Provision of guidance to visitors on facilities available

Analysis of possible new equipment, props and procedures

Integration of equipment & procedural developments within the range of facilities available.

To comply with Trust Policies, including Health & Safety, Incident Reporting, Waste Management and Sickness and absence reporting etc.

To participate in continuing professional development.

To undertake any other duties that may reasonably be required.

## **6. SYSTEMS AND EQUIPMENT**

### **Equipment**

Meti HPS Manikin

Meti ECS Manikin

Meti Pediasim Manikin

Laerdal Sim man

Laerdal Sim baby

Part task trainers

Datex Aestiva anaesthetic machine

Defibrillator / resuscitation cart

Dental chair and associated equipment

Hospital beds and trolleys

SMOTS audiovisual equipment

### **Systems**

Ordering and stock control within the department

Internet and Intranet

Microsoft Office

## **7. ASSIGNMENT AND REVIEW OF WORK**

Workload will in the main be self-directed but involves working closely with senior technician, centre educational co-ordinators and course directors.

Line management from Senior Technician

## **8. COMMUNICATIONS AND WORKING RELATIONSHIPS**

Communicate with the senior technician regarding day to day operational management, service needs, workload issues and personal development.

Communicate with other relevant departments, which will include Medical Physics, Estates, Pharmacy & Clinical Skills etc.

### **9a. PHYSICAL DEMANDS OF THE JOB**

Frequent moving and handling of manikins, also equipment including surgical trays, operating tables etc).

Ergonomics.

### **9b. MENTAL/EMOTIONAL DEMANDS OF THE JOB**

Time Management

Service changes

**10. KNOWLEDGE, TRAINING AND EXPERIENCE REQUIRED TO DO THE JOB**

NVQ/SVQ Level 3 or equivalent in health or technical subjects

Sound knowledge of or experience in an acute healthcare environment

**11. JOB DESCRIPTION AGREEMENT**

**Job Holder's Signature:**

**Date:**

**Head of Department Signature:**

**Date:**