



smots™

Scotia Medical Observation and Training System



Case Study

Barts and The
London Mobile
Simulation Unit

A truly mobile simulation experience which allows monitoring of simulation scenarios “on the ward”.

Case Study:

Barts and
The London Mobile
Simulation Unit

“smots™ has been a fantastic solution for us and Scotia have always been on hand whenever we have had questions, usually with immediate answers. The quality of output is excellent and more than sufficient for our needs and the mobility of the product has expanded our horizons, quite literally. We would always be happy to recommend smots™ to other simulation sites.”

Tim Stephens



Client:

Barts and The London NHS
Trust

Location:

ITU - The Royal London
Hospital, Whitechapel,
London, E1

Project:

Supply of two wireless
smots™ systems

Background:

Tim Stephens had used smots™ at the Barts Simulation Centre in Prescot Street, London and was very familiar with its capabilities. He needed a mobile solution to allow him to take simulation training scenarios “onto the ward”.

Design Considerations:

Tim Stephens needed two identical systems which could be transported between sites and could give the full functionality of a simulation scenario in the hospital critical care unit. This would give the added reality of putting the candidates in a real hospital environment with all the pressures that accompany that situation.

Scotia Solution:

The company supplied two smotsMobiletrolleys each with microphone, camera, loudspeaker, video recording, and vital signs recording. These connected over a wireless network connection to Tim’s laptop computer. The units are compact enough to be located easily in a busy ward and with height adjustment can always offer the best camera angles. Audio pickup is directional meaning that the area of interest around the

bedside is recorded while most other extraneous noise is not. The system can be wired or wireless depending on the location.

Result:

This system is used “live” with other participants watching from the “debrief” room and then the recordings are played back when the scenario is complete for further analysis. The robust mobile trolleys have all the features of our main installed smots™ systems. Instead of taking busy healthcare professionals away from their working areas, the full simulation experience can be brought to them with all the challenges that surround real patients and real hospital wards.



Scotia UK plc

2/4 Castle Terrace, Edinburgh EH1 2DP
Tel. 0131 228 2295



PO Box 2900, Stowmarket, Suffolk, IP14 4XA
Tel. 01449 782 155
www.scotiauk.com
www.smots.org



