Innovative Education Delivery
Mobile Telepresence Helping to Meet Training Challenges
Evolving Healthcare Demands

For more than six decades, the UK's publicly funded healthcare system, National Health Service (NHS), has provided staff with high quality education and safe service with widespread praise from patients.

However, a rapidly growing workforce with increased patient loads has resulted in a staff with less time to devote to education, and thereby validating the need for new methods of education delivery.

The NHS 2014 Five Year Forward View states, “Our values haven't changed, but our world has. It exposes the NHS's need to adapt, to take advantage of the opportunities that both science and technology offer.”

Healthcare providers must rethink education delivery to face their challenges.

Factors Creating Challenges for Clinician Education

Education is essential to optimizing staff performance. It improves the standard of care, builds new competencies and instills clinical confidence.

Increased staff numbers and workload are not the only challenges faced by today’s healthcare providers.

• Increasing Hospital Admissions:
  In the past 10 years, in the UK and the US, hospital admissions have increased by 35 percent due to the aging populations. These numbers advocate the need to train healthcare professionals in a more efficient way.

• Time Constraints:
  Finding the time for training can be difficult for healthcare professionals. With the increase in demand for medical treatment coupled with work schedule limitations, finding time for staff training is an ongoing challenge.

• New Equipment Implementation:
  As new equipment is purchased, it is essential to have staff that is properly trained on the new functionalities and procedures to fully utilize the equipment to optimize patient care.

Traditionally, building clinical and equipment competencies is done through hands-on, experiential learning. Today’s healthcare providers face the challenge of how to deliver the knowledge, skills, and competencies to a diverse group of healthcare professionals across hospital departments.

A solution lies in adopting innovative education delivery methods to expedite learning, reduce costs, and increase education scheduling flexibility.

Testing New Education Delivery Methods

Healthcare providers are currently testing telepresence training solutions which offer live, interactive education that can replicate face-to-face interactions, provide training on equipment functionality, and expand access to education resources for healthcare professionals at all levels.

“Training with the virtual onsite training system was just like the previous face-to-face sessions in terms of quality of learning. I am very impressed.”
- UK Healthcare Provider

“We can schedule training sooner. With the virtual training system, we can respond to questions in real time.”
- GE Applications Specialist

Driving Toward Reducing Costs

Telepresence training allows for a more cost efficient way to train clinicians by eliminating travel time and expense with the enhanced benefit of more effectively reaching clinicians at their convenience.

Healthcare providers are looking for flexible and accessible education delivery methods that will successfully fulfill a range of training needs including new system implementation, new hire training, refresher training, and new procedure training to achieve the goals of improved patient care and clinical outcomes.

Accessible & Effective Education

Remote telepresence replicates face-to-face training with both the educator and students seeing the same equipment and results.

The educator and the students have the ability to interact and discuss the lesson as if they are standing next to each other. Mobile telepresence training gives students more flexibility to schedule training where it is needed and when it is convenient.

• Easier Access to a Broader Range of Experts:
  Allows healthcare providers enhanced access to training across hospital departments to address clinical and technical issues, and provides access to a greater range of knowledge from a broader group of subject matter experts.

• Cost Savings in Travel and Time:
  More cost efficient way to train staff by reducing the need for travel and off-site training.

Mobile Telepresence Provides On-site Training

• Tailored to User Needs and Availability
• Access to Educators Across Equipment
• Small Group or Individual Training
• **Targeted Training**: Training that is focused on and directed to the specific needs of individuals or care areas.

**A Solution At Your Side**

While healthcare providers continue to experience increased patient volumes and decreased time for training, an education delivery method exists today that can help ensure effective and efficient training. Healthcare providers can embrace onsite mobile telepresence learning methods to train their staff, optimize equipment use, and ultimately improve patient care.
About us
GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world. GE (NYSE: GE) works on things that matter - great people and technologies taking on tough challenges. From medical imaging, software & IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients.

References
• National Health Service, Five Year Forward View. 2014. p. 2