



# How John Radcliffe Hospital partnered with Oxford Medical Simulation to Transform Medical Education?

## Medical Training

The John Radcliffe Hospital is committed to advancing medical education, and has implemented new techniques such as virtual reality technology to enhance surgical training for its students.

**University :** John Radcliffe

**Technology :** VR

**Branch :** Medical

### Problem Statement

Surgical students face challenges due to limited access to real-life surgical cases, high costs, ethical considerations, and traditional training methods being insufficient for complex surgical procedures.

### Solution

John Radcliffe Hospital implemented a VR training program for its surgical students. The program includes interactive simulations of surgical procedures, such as laparoscopic surgery, neurosurgery, and orthopaedic surgery.

### Benefits

The VR simulations enabled students to practise and improve their surgical skills in a safe and controlled environment, without risking the lives of live patients. This has led to increased confidence and competence in performing complex surgical procedures.

