

EdWISE Project Factsheet

The “Emergency Department Hub and Spoke distributed simulation using the Education by Web-based Innovative Simulation and E learning model” (EdWISE) Project is one of a series of initiatives to be implemented across NSW over the next two years under the Health Workforce Australia (HWA) Simulated Learning Environments program.

The EdWISE project aims to enable emergency department staff across NSW to deliver innovative simulation-based education on-site. This will reduce the need for instructors, staff and students to travel off-site to access simulation based learning. By involving local ED teams as instructors and situating learning within the workplace, the education available through EdWISE aims to be contextually relevant to individual hospital’s needs.

The project will be delivered by the Sydney Clinical Skills and Simulation Centre (SCSSC) of the Northern Sydney Local Health District (NSLHD) working in partnership with Royal Prince Alfred Hospital (RPAH), Sydney Local Health District (SLHD), The University of Sydney (USyd) and the Clinical Education and Training Institute (CETI).

The Ed WISE project is an integration of two key learning modalities;

1. **Hands-on simulation training** conducted in your emergency department or co-located training area by your own clinical educators who are supported by instructors and simulation coordinators participating via videoconferencing from one of the two training hubs (RPAH or the SCSSC). This support includes the following:
 - a. a centrally coordinated educational service involving experienced simulation educators who, via web-based videoconferencing , team up with staff from your hospital and assist them in delivering training on site.
 - b. a mobile simulation system delivered to your hospital and operated by remote control over the internet, thereby providing the local team with access to expert technical simulation staff and high fidelity simulation equipment. This remote control system can also be used to operate any computer operated manikin that may already be available at your hospital.
 - c. a selection of training modules developed specifically for simulation based learning activities including paediatrics, obstetrics, trauma, medical emergencies and multidisciplinary team training.
2. **Computer-based learning** enabled by access to the *EdWISE learning portal*, a high functionality learning content management platform dedicated to emergency department education and practice. This will enable the use of substantially more applications than is commonly associated with current E learning in Health including:
 - ED specific educational material
 - interactive training modules
 - web streaming
 - webinars
 - discussion forums
 - on-line facilitation
 - multimedia libraries
 - file sharing
 - competency assessment tools
 - survey, audit and other quality assurance tools

In addition, the *EdWISE Portal* will integrate learning with clinical quality improvement activities including audits, clinical guidelines, safety alerts and clinical practice improvement focussed projects.

Access to the portal will be available from multiple computers and, each participating emergency department will receive a computer to enable participation in this initiative.

Opportunities for participation in the project will be initially offered to 60 emergency departments in NSW.

For further information

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EdWISE Partner Organisations

Sydney Clinical Skills & Simulation Centre in Northern Sydney Local Health District

Royal Prince Alfred Hospital in Sydney Local Health District

The University of Sydney

The Clinical Education and Training Institute