

Qstream Helps Leading Sydney Hospital Improve Individual Proficiency of Junior Medical Officers by 350%

The Challenge

Founded in 1978, the principal referral hospital for western Sydney (Australia) is renowned for its comprehensive, highly specialized, and complex services provided to its local community, statewide, and nationally.

Junior Medical Officers (JMOs) at the hospital simultaneously manage busy schedules and a constant and steep learning curve in the workplace. The assimilation, accumulation, and retention of core knowledge and the delivery of learning in a way that conforms to JMOs' workloads presented significant challenges for both JMOs and medical educators responsible for their training.

To help improve the ongoing education of its JMOs, the hospital staff conducted a microlearning research program to test the retention and consolidation of knowledge in two different areas of medical education: medication prescription and adult life-saving.

“Junior Medical Officers are receiving information at a fast and furious pace - there is a real need to find a solution to help with the retention of that knowledge.”

— Medical Educator

“Qstream allowed me to learn while on the go, and was incredibly intuitive, tailoring challenges to my individual learning level and identifying areas where I needed more help.”

— JMO



CASE STUDY

The Solution

Medical educators chose best-practice microlearning platform Qstream to provide an online, case-based education program using game mechanics to improve the retention and consolidation of knowledge for its JMOs. Hospital leadership chose Qstream because it uniquely delivered:

- Case scenarios that corresponded closely to true-to-life, locally contextualized scenarios commonly experienced by the JMOs
- Reiterated questions and spaced learning delivered via mobile devices and within JMOs' daily flow of work that improved their subject matter knowledge and retention
- The ability to easily tailor the Qstream program according to needs of the learner, based on real-time feedback

“ Individual knowledge retention shot up an incredible 350 percent, using Qstream. That statistic alone is an incredible testament to the efficacy of the platform.”

— Medical Educator

The Result

Qstream helped hospital staff realize significant training gains, knowledge retention, and JMO engagement:



Up to 350% improvement in individual proficiency



30% improvement in overall group proficiency



83% of JMOs actively engaged in the learning program



88% of JMOs agreed the cases presented through the challenges were realistic and the feedback useful



96% of JMOs found the clinical use of data useful, relevant and engaging

How can Qstream help you?