Qstream
Healthcare Solutions

Healthcare leaders use us for mobile patient safety education and more. How can we help you?
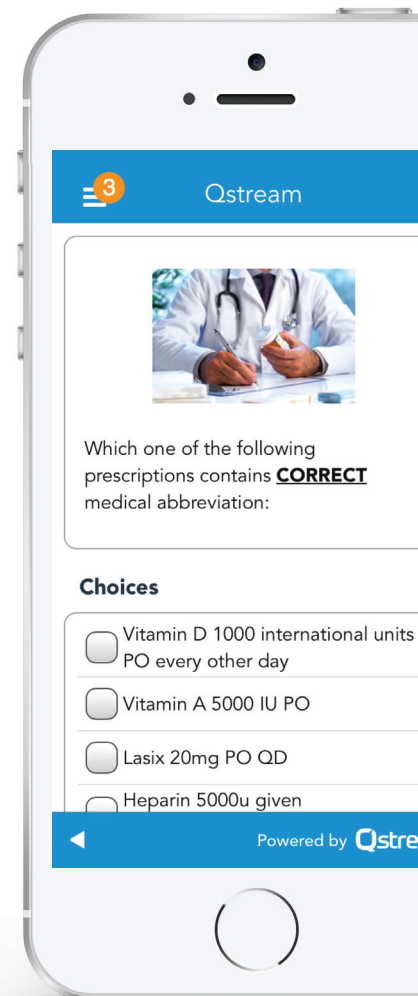
Qstream is clinically proven to increase knowledge retention by up to 170% and change on the job behaviors to improve patient outcomes.

The Qstream mobile platform is widely used for professional healthcare education by some of the world's top medical centers and healthcare leaders on a range of topics, including patient safety, infection control, emergency medicine, palliative care and advanced life support.

Simple, Effective, Mobile and Fun

Qstream is a fun and easy way to reinforce medical knowledge in just minutes a day – and a good fit for busy professionals looking to optimize the capabilities of their mobile devices at work. With completion rates greater than 94%, clinicians prefer Qstream 3:1 over traditional Web-based training.

Developed at Harvard Medical School, Qstream's mobile education platform uses a "spaced delivery" methodology, scientifically proven to increase knowledge retention and durably change on-the-job performance. Built-in game mechanics, such as scoring and leaderboards, drive user engagement and keep them coming back for more.

Qstream

Which one of the following prescriptions contains **CORRECT** medical abbreviation:

Choices

- Vitamin D 1000 international units PO every other day
- Vitamin A 5000 IU PO
- Lasix 20mg PO QD
- Heparin 5000u given

Powered by Qstrea

Engagement reports let management monitor activity levels, identify participants who are falling behind, and track Qstream completions. Performance reports help track baseline performance and content mastery for groups or individuals.

Differentiate Your Program and Build New Revenue Streams

Continuing Medical Education (CME) funders gain critical mindshare with Qstream because it's quick, continuous and fun. Participants respond to questions via email every few days giving CME funders ongoing contact with medical professionals.

How Qstream Works

Qstream runs on any laptop, tablet or smartphone. Clinicians respond to scenario-based challenges every few days and learn from concise explanations and collaborative blogs. Qstream syncs across devices so users never miss a question.

Fun and Engaging

Built-in game, reputation and social mechanics create positive competition and drive user engagement. Users can be grouped into teams to compete for top scores on leader boards with up-to-the-minute rankings.

Comprehensive Reporting

In addition to enhanced learning and on-the-job performance, Qstream simplifies the process of reporting program effectiveness and user activity levels.

Browser-based Authoring

Intuitive authoring tools let subject matter experts quickly assemble Qstream questions, answers and explanations via any Web browser.

Multiple Question Types, Rich Media Support

Select from a range of question types such as multiple choice, fill in the blank, surveys and more. Questions and answers can be text only or include rich media such as images, video, podcasts, PDFs and more. No browser plugins required.

Flexible Controls

Qstream admins have full control over privacy settings, audience restrictions, comment publishing and content review processes, as well as question frequency, schedule, mastery requirements and more.

Adaptive Delivery Engine

Developed at Harvard, the patent-pending Qbot algorithm optimizes knowledge retention and user engagement, personalizing question delivery based on learning objectives, user performance and game setup.

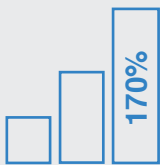Qstream®
Healthcare Solutions

Qstream®

Fast, Effective Healthcare Education for the New, Mobile Generation

Developed at Harvard Medical School, Qstream combines mobile, science and gamification in a powerfully simple solution that's helping today's healthcare leaders reinforce the knowledge and skills that matter most.

Studies show that people **forget** up to **79%** of new information **within days and months**

170% Using the **Spacing and testing effect**, Qstream is clinically proven to increase retention by **up to 170%**

Game/social/reputational mechanics drive average **94% engagement**

1. Raising the Bar in Medical Education

Preferred by clinicians 3:1 over traditional continuing education methods

Used by **7 of the top 10** U.S. hospitals and **4 of the top 5 medical schools**

2. Measurable Outcomes

$650,000
Est. savings in unnecessary cancer screenings

40% Long-term improvement in cancer screening behaviors

15% Improvement in patients' pain rating in palliative care

100% Increase in patient safety behaviors among surgeons in training

7 Days reduction in time to effectively **lower patient blood pressure**

Qstream Can Help

⊘ **Built for Busy Healthcare Professionals.** Using our native mobile apps or Webmail, Qstream is non-disruptive to work time and ensures that the knowledge and skills that matter most will stick.

⊘ **Trusted by Leaders in Healthcare.** Qstream is used by 13 of the top 15 pharmaceutical firms, leading medical centers and teaching schools to improve quality of care and patient outcomes.

Clinically Proven | Data Driven | Time Efficient | Engaging | Actionable | Scalable

qstreamhealthcare.com

Qstream®

5 Ways Microlearning Can Make a Difference in Healthcare Training

Healthcare professionals must be fully equipped to deal with an emergency, follow protocol, and comply with constant regulatory changes in the most efficient way possible. Most of the fundamental hard skills and fact-based knowledge needed have been learned through years of schooling. But what about the skills required to respond intuitively in the moment? Speeding up the development of critical-thinking skills and behavior change is paramount to increasing proficiency and ensuring top patient care. One way to achieve this is through **microlearning**, a method of continuous training that breaks down complex content into digestible pieces. When repeated over time, microlearning can increase knowledge retention and proficiency in ways that one-and-done training methods can't.

Here are five key aspects of microlearning that can positively affect healthcare professionals.

1 **Contextual Learning:** A crucial part of any learning and development initiative is making the content relevant to participants. One of the best ways to do this is by creating context-rich scenarios that give healthcare professionals a situation they'll actually encounter in their daily lives. Through contextual learning, microlearning helps foster development of critical-thinking skills and desired on-the-job behaviors needed in the highly regulated and knowledge-intensive healthcare industry.

2 **Within the Daily Workflow:** One of the most important aspects of a best-practice microlearning platform is that questions are actionable and able to be completed within the daily flow of work—on participants' smartphones. Since challenges can be completed in as few as two to three minutes, microlearning is the perfect tool for busy healthcare professionals whether they're sitting in their office or making rounds.

3 **Spacing and Testing:** Studies show that in as little as 30 days, 79% of knowledge is forgotten. This "forgetting curve" has nothing to do with the quality of your program. Instead, it has everything to do with how the brain works. Microlearning helps offset the forgetting curve by using spaced education techniques called the spacing and testing effects. The *spacing effect* combats the forgetting curve by increasing knowledge retention through presenting and reinforcing information over spaced intervals of time. The *testing effect* is an active learning and long-term behavior change process that challenges and questions individuals while giving them immediate feedback. By utilizing these two techniques, healthcare professionals can better retain information and increase proficiency.

4 **Data Driven:** One of the most overlooked benefits of microlearning is the data collected throughout the program. Let's say you ran a six-week program featuring 100 participants who each answered three questions per week. Upon the program's completion, you now have 1,800 data points to reference that could help you identify gaps in job proficiencies and inform future healthcare learning and development programs.

5 **Patient Impact:** In healthcare, job proficiency has a direct impact on patient experience, safety, and outcomes. As such, it's essential that patient-facing employees possess the right balance of hard and soft skills required to be effective. Microlearning is one of the breakthrough techniques now being used throughout the healthcare industry to help employees reach this desired balance by constantly reinforcing key messaging and best practices in just minutes a day—thereby improving patients' overall experience.

The Only Scientifically Proven Microlearning App

Through more than 20 rigorous peer-reviewed clinical trials, Qstream has been proven to increase knowledge retention by up to 170%, improve job proficiency 17% on average and consistently achieve an average 93% engagement rate. Qstream co-founder and spaced education pioneer, Dr B. Price Kerfoot, is at the forefront of best practice microlearning that truly changes behaviors.

Qstream's mobile microlearning solution is used by hundreds of customers to develop employee proficiency, help managers support their team with precision coaching and provide earning leaders with a way to measure training investments and hone future training and development needs.

MindQuest
Consulting & Coaching

Validity Group, Australia

Level 27, 101 Collins Street
Melbourne VIC 3000, Australia
www.validity.group

MQCC Malaysia PLT
(LLP0028778-LGN)

Suite B-16-3, Tower B
Wisma Pantai
No.5, Jalan 4/83A
Off Jalan Pantai Baru
59200 KL, Malaysia

Qstream has partnered exclusively with
Validity Group [Asia Pacific region]

MindQuest Consulting & Coaching
[Malaysia Country Partner]

✉ mqcc @ mindquestcc.com
✆ +60 12 625 1533
🌐 www.mindquestcc.com