

A photograph of the Erasmus MC Hoofdingan building, a modern multi-story structure with a grid of windows. The building's name is visible on the facade. A dark blue and green gradient overlay covers the bottom half of the image, where the text is placed.

LEQUEST

From training manuals to interactive simulations:

Erasmus MC Radiology's partnership with LeQuest

Erasmus MC is a Rotterdam-based university medical center. We spoke with Professor Aad van der Lugt, the Chair of Erasmus MC's Radiology department. In his role, Professor Lugt is responsible for the training and accreditation of all healthcare professionals within the department of Radiology who make use of technical equipment.

High-quality patient care hinges on clinicians who are sufficiently trained in emerging technologies. From experiencing notable challenges in this area, Professor Lugt's department made a significant step towards training quality standardization — with help from LeQuest. Here's how.

BEFORE LEQUEST:

Erasmus MC's training challenges

To develop its staff's familiarity with new technologies, Erasmus MC traditionally relied on equipment manuals and key users receiving onsite training. Both approaches were ultimately below expectation.

Key users received training from a device expert and then relayed information throughout the department. However, these staff members faced rigid schedules. Often, they risked missing one-off, in-person training sessions due to their clinical obligations.

Of those who could attend, participants varied in technical knowledge, learning pace, and English proficiency. When manuals and training sessions were in English rather than Dutch, non-native speakers risked missing out on key nuances.

Erasmus MC also experimented with digital solutions, finding that their text-heavy format and lack of interactivity don't coincide with real-world clinical competency development. Plus, turnover rates and the rapid pace of technological innovation posed further challenges.

Erasmus MC needed a solution that could effectively standardize training quality across its Radiology department.

LeQuest's solution for Erasmus MC

To ensure all staff receive uniform training on medical devices, Professor Lugt adopted LeQuest's simulation training solution. LeQuest provides immersive simulation training based on validated user scenarios, ensuring real-world clinical competency.

Here's a look at how LeQuest helped Erasmus MC.

INTERACTIVE, REALISTIC SCENARIOS

While traditional training methodologies are inflexible, text-based, and fail to mirror real-world clinical scenarios, LeQuest's simulation training is both realistic and interactive. Its realism and interactive nature led to high engagement and completion rates among Erasmus MC's staff: "The majority of the targeted staff completed the simulation training within the designated period," Professor Lugt noted. Plus, Professor Lugt further mentioned that the platform's intuitiveness and ease of use aided adoption.

STRUCTURED ONBOARDING

LeQuest's simulation training solutions improved Erasmus MC's onboarding processes. "With LeQuest, we were able to onboard staff more quickly and consistently. In past rollouts, in-person training sessions often required multiple follow-ups to cover everyone — this time, we saw 70% completion within the first four weeks," said Professor Lugt.

Additionally, Professor Lugt highlighted that a key advantage is the training's continued availability beyond the initial rollout. This access provides ongoing support for new hires or rotating staff throughout the full lifecycle of the device in the hospital — an aspect that traditional one-off training typically lacks.

CLINICAL DEVELOPMENT

Because LeQuest's simulation training solutions mirror real-world clinical scenarios and translate theory into practice, they enhance clinical confidence. Erasmus MC staff members experienced accelerated development and attainment of clinical competency.

That's why Professor Lugt is considering expanding the use of LeQuest's platform: "The benefits of simulation-based learning are clear, and we see potential for applying this method to other high-risk or often-used equipment or processes across the hospital."

LOCALIZATION

Erasmus MC prefers to train staff in Dutch. That way, staff don't miss key details. Traditionally, however, manufacturers would provide Erasmus MC with English training materials, hindering clinical development.

LeQuest offers advanced localization — 16 languages and counting. "Even though most staff are comfortable in English, having the training available in Dutch makes the process more intuitive and accessible, especially for new staff or those less confident with technical English. It helps ensure no details are missed due to language... having localized content helped reduce hesitation during hands-on use," Professor Lugt wrote.

AGILITY

With LeQuest, staff members can train anytime, from anywhere. It lets staff work around their clinical obligations, as Professor Lugt noted: "Staff appreciated being able to train at their own pace and revisit topics as needed. Compared to traditional sessions, the digital format was more flexible and less disruptive to daily operations."

LeQuest:

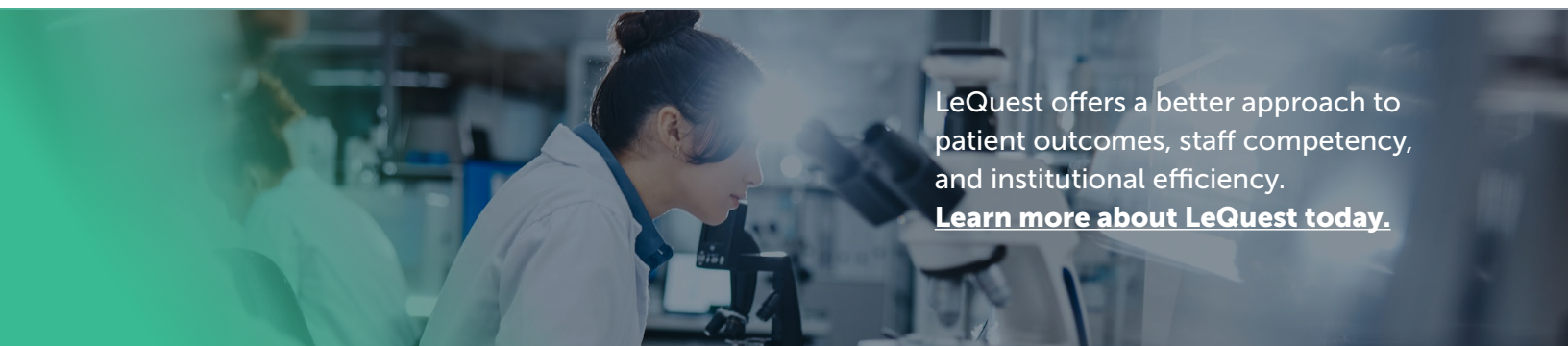
The today and tomorrow of medical device mastery

LeQuest makes uniform, department-wide device mastery possible. It's flexible, time-effective, and realistic, ensuring staff are equipped to provide excellent patient care.

LeQuest recognizes that effective quality assurance depends on having a responsive support team:

"We appreciated the support during the rollout and the responsiveness of the LeQuest team. Having a clear onboarding plan and training that staff could trust made a big difference,"

— Professor Lugt



LeQuest offers a better approach to patient outcomes, staff competency, and institutional efficiency.
Learn more about LeQuest today.