

Case Study: Elevating Nursing Education with TouchPoint Medical's medDispense® Automated Dispensing Cabinets

THE CHALLENGE

The nursing program at the Ocala, Fla. campus of Rasmussen University sought to enhance its nursing simulation labs by providing students with the most realistic and effective training equipment available. As a general approach, Rasmussen University nursing school faculty and administration aim to bridge the gap between classroom theory and real-world clinical practice. Ensuring graduates are well-prepared to deliver safe and efficient patient care is among the school's top objectives. To accomplish that goal, the nursing program required equipment identical to the kind its matriculated students could expect to encounter on the job.

THE SOLUTION

Rasmussen University partnered with TouchPoint Medical to implement advanced medication dispensing technology in their simulation labs. By integrating medDispense® units into their training environment, the university was able to:

1. **Replicate Real-World Scenarios:** The medDispense® units accurately mimicked the medication dispensing process found in acute care settings, providing students with hands-on experience in a simulated environment.
2. **Enhance Administrative Accuracy:** The system's built-in medication accuracy features, such as barcode scanning and medication verification, introduced and reinforced best practices for students, and proved instrumental in imparting concepts of minimizing medication errors.
3. **Improve Student Learning Outcomes:** Exposing students to real-world technology allowed Rasmussen University to create natural opportunities to enhance students' critical thinking, real-time decision-making, and applied clinical reasoning skills.



THE RESULTS

Integrating TouchPoint Medical's medDispense® units into Rasmussen University's simulation labs enhanced the nursing program's practical training modules and student experience. TouchPoint Medical's advanced medication dispensing units provided students with hands-on experience in a realistic clinical setting, allowing them to practice essential skills such as medication verification, barcode scanning, and safe administration techniques.

Real-world training on real-world TouchPoint Medical equipment prepared Rasmussen University students with the information and confidence needed to prevent medication errors, react on-the-fly, and ensure patient care was accurately administered. As a result, Rasmussen University nursing graduates are best prepared to deliver high-quality, patient-centered care upon entering the workforce.

Finally, the integration of cutting-edge medical technology helped strengthen the university's reputation as a leader in nursing education. By offering innovative training programs, Rasmussen University will continue to attract and graduate top-tier nursing students, cementing its position as the preferred choice for aspiring nurses.



**RASMUSSEN
UNIVERSITY**

‘The new medDispense® units from TouchPoint Medical have significantly enhanced our simulation labs by accurately replicating the medication-dispensing process found in acute care settings. We’re able to offer students realistic, hands-on training that mirrors clinical experiences...equipping them with the skills they need to excel in real patient care settings.’

— Heather Smith, MSN, RN
Area Dean of Nursing/Nurse Administrator
Rasmussen University Ocala Nursing Program