

## PeriopSim™ - for Nurses



## Learn Instruments and Procedures through Simulation

### Practice Safely Before Surgery

PeriopSim is an iPad app for clinicians who need to learn surgical instruments and procedures. Using video of real surgeries and voice prompts, users are guided through a surgery and prompted to use the correct instrument at every step. Gamification techniques such as scoring and timed challenges motivate learners to practice and hone their skills.

PeriopSim enables surgical staff to practice safely before surgery. It is designed for both students and experienced perioperative nurses preparing for unfamiliar procedures.

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As a surgeon, I rely on my surgical team being well prepared for every surgery. PeriopSim means clinicians can practice safely before surgery, which means a more efficient surgical team and better patient outcomes.

James Bond MD, Chief of Thoracic Surgery  
Surrey Memorial Hospital & Fraser Health

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## Interact with Video of Real Surgeries

- Gain skills in a realistic learning environment with real surgical video and simulated instrument trays
- Rehearse procedures safely, set-by-step
- Learn surgery specific instrument sets
- Understand in more depth with surgeon narration
- Learn in your own time - in the hospital or at home
- Modules planned for most common surgeries

## Prepare for Unfamiliar Procedures

- New students: Gain confidence in clinical orientation and achieve better learning outcomes
- Experienced nurses: Prepare to scrub into unfamiliar procedures
- Reduce stress by refreshing skills before surgery
- Increase knowledge and efficiency of the whole surgical team

## Test and Hone Your Skills

- Enjoy learning in a safe, stress-free setting
- Motivate yourself with scoring and timed challenges
- Hone your skills and improve your scores
- Learn to anticipate the next step
- Compare your score with others on the leaderboard

## Developed with Medical Experts

Our goal is to help clinicians practice skills safely before surgery - for more efficient surgical teams and better patient outcomes. PeriopSim has been developed in collaboration with surgeons, perioperative nurses and medical educators to ensure accuracy and realistic learning outcomes. Conquer Mobile is a simulation training specialist, based at the Health Tech Innovation Hub, Surrey Innovation Boulevard in BC, Canada.

“PeriopSim makes it possible for surgical teams to quickly get up to speed with new instruments, technologies and procedures. This portable platform application brings faster adoption of innovative surgical techniques to any clinical environment worldwide.

Ryan D'Arcy, Head, Health Sciences  
& Innovation, Fraser Health

“The old mantra of “See one, do one, teach one” is no longer applicable in surgical training. One of the biggest advantages of something like PeriopSim is the ability to stop and rewind. You can't do that in real life.

James Bond MD, Chief of Thoracic Surgery  
Surrey Memorial Hospital & Fraser Health