PeriopSim

Survey Data Summary
2018 Update

PeriopSim

PeriopSim VR has the potential to eliminate the operational and financial constraints of in-situ operating room training... down time and supply utilization... it addresses the operational constraints of attempting to match staff schedules to real case availability... Most importantly, it has the potential to impact patient safety...

Sarah Hirx, MSN, RN, CNOR, Caritas Coach
Manager, Perioperative Education, Stanford Health Care

VR is an innovative education tool that addresses adult learning principles; and engages auditory, visual and kinesthetic learners in a fun learning environment. I am excited to learn how VR can support Periop education and professional development!

Kimberly Leppert MSN, RN, ACNS-BC, CNOR, CSSM
CNS Perioperative & Interventional Services
Providence Healthcare Everett

" PeriopSim works really well for training circulating nurses, following the instruments and the overall flow of a case. In a perfect world we would have all nurses run through simulations for each of the surgeons cases.

Maggie [Francesca] Logterman, MSN RN CNOR
Staff Development Specialist, Education Team Leader, UH Cleveland Medical Centre

"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 Authority

" Perioperative Nurses are critical members of the surgical team in ensuring that instruments are ready and available efficiently at every stage of a surgical procedure. PeriopSim offers the opportunity to provide surgical nurse training cost-effectively and efficiently outside of the operating room.

Dr. David Clarke MD
Head of Neurosurgery, Dalhousie University, Nova Scotia Health Authority

PeriopSim

" We are using PeriopSim to supplement classroom learner for new perioperative nurses. The value it provides is in showing them the sequence of the procedures, names of instruments and how things may go during a case.

Sharlene Cox
RN Educator, Ahuja Medical Center, UH of Cleveland Medical Centre

" PeriopSim is valuable to help us learn instrument names and it better prepares scrub RNs and Scrub tech's to perform in surgery.

Anonymous, Perioperative RN

" Self-paced learning with reinforcement.

Anonymous, Perioperative Educator

" They learn the instruments and procedures more quickly.

Anonymous, Perioperative Educator

" PeriopSim helps to prepare for unfamiliar procedures or recurring cases. It was extremely useful in improving my confidence and preparation. PeriopSim is user friendly and very helpful.

Anonymous, Perioperative RN, Fraser Health

" We are using PeriopSim as a complement to double scrubbing in new areas and it's extremely useful for improving confidence, preparation and learning independently

Kawana Williams, Perioperative RN, George Washington University Hospital

" As a brand new perioperative nurse in training I had no experience and have only observed. PeriopSim is a visual tool and I believe it will prepare me more so that the patient will spend less time in the OR.

Anonymous, Perioperative RN

" Learners are able to practice on their own time and reduce stress prior to walking into an unfamiliar case. On a Friday, a nurse was really struggling and I was able to send her home with PeriopSim so she could come prepared Monday to scrub into the same procedures all week.

Lisa Campbell, Perioperative Educator, Jim Pattison Surgery Center, Fraser Health Authority

"I learned a basic general set in one day. The instruments were laid out on a table and the instructor went over every instrument repeatedly. There is an old O.R. saying "see one, do one, teach one." That was really how we were taught. It took me about 7 surgical procedures of the same surgery for me to learn it but also understand it. Reiteration is a concept that works.
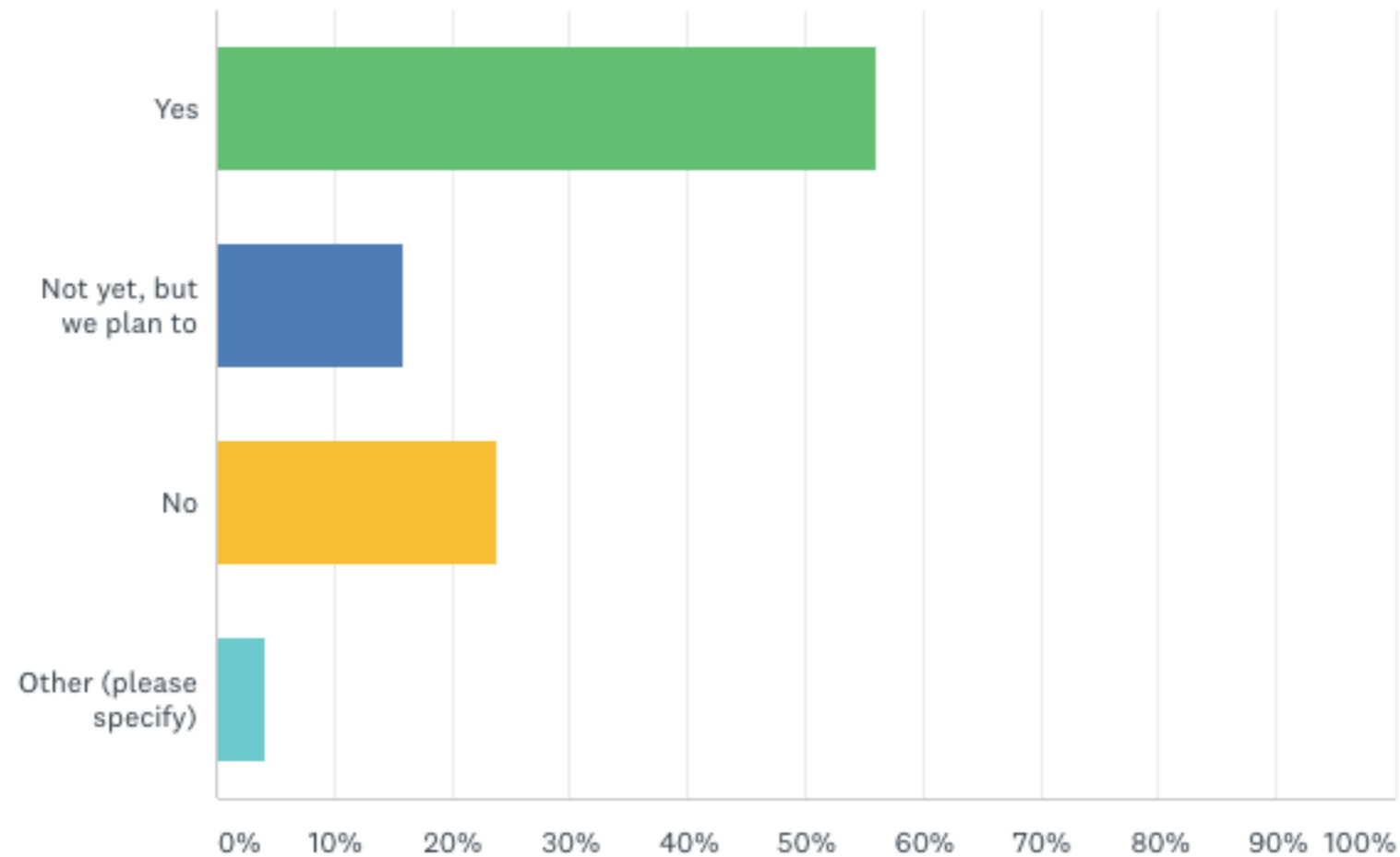
Anonymous, Perioperative Nurse

PeriopSim

2017 Updates

Are your perioperative RNs trained on surgical instrumentation with a requirement to be able to scrub in for procedures?
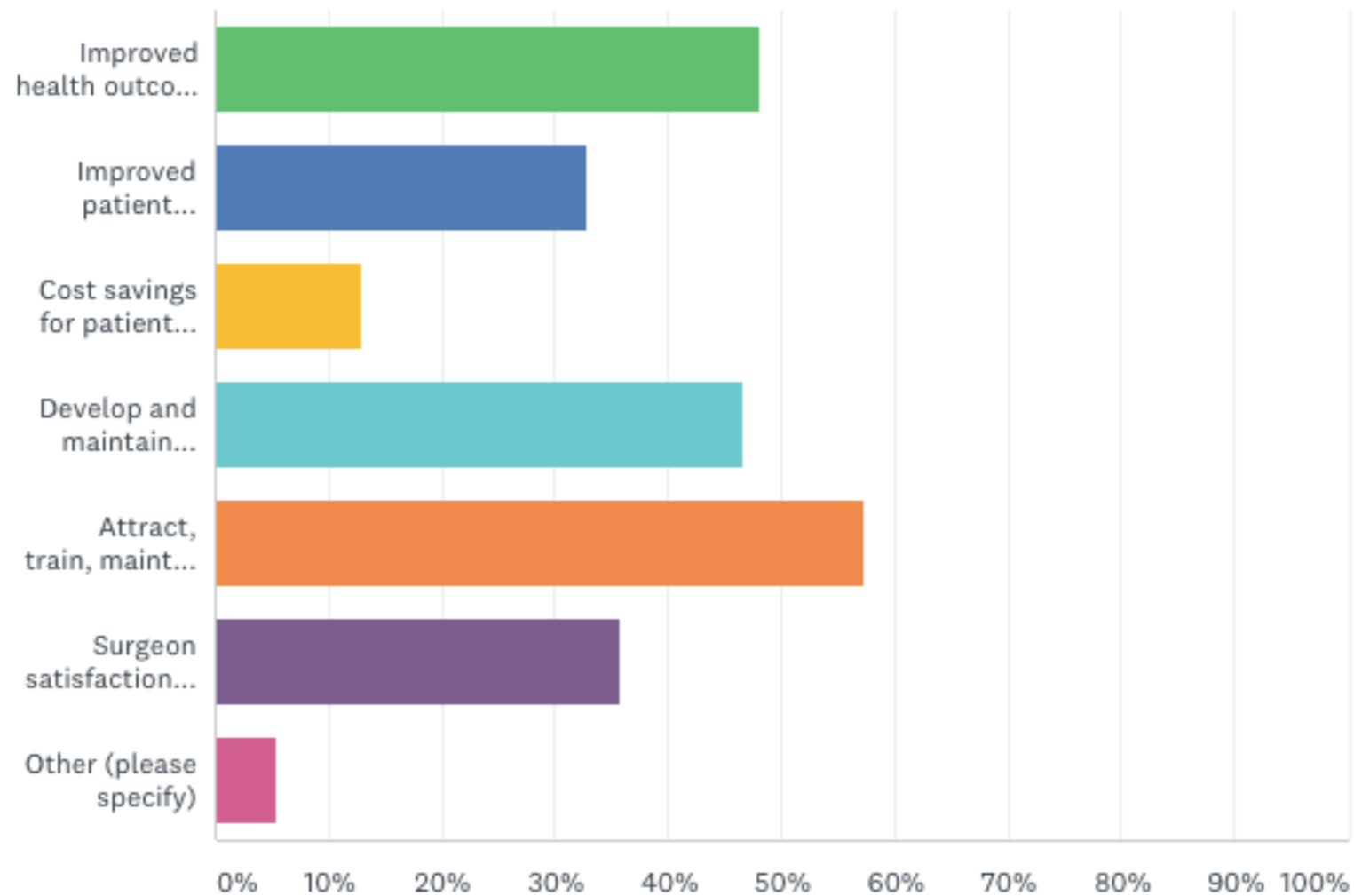
Answered: 164   Skipped: 0

72% of Hospitals **require RNs to scrub** or plan to.

Source: AORN 2017 Survey: 164 respondents

PeriopSim

Why would you want to buy PeriopSim?
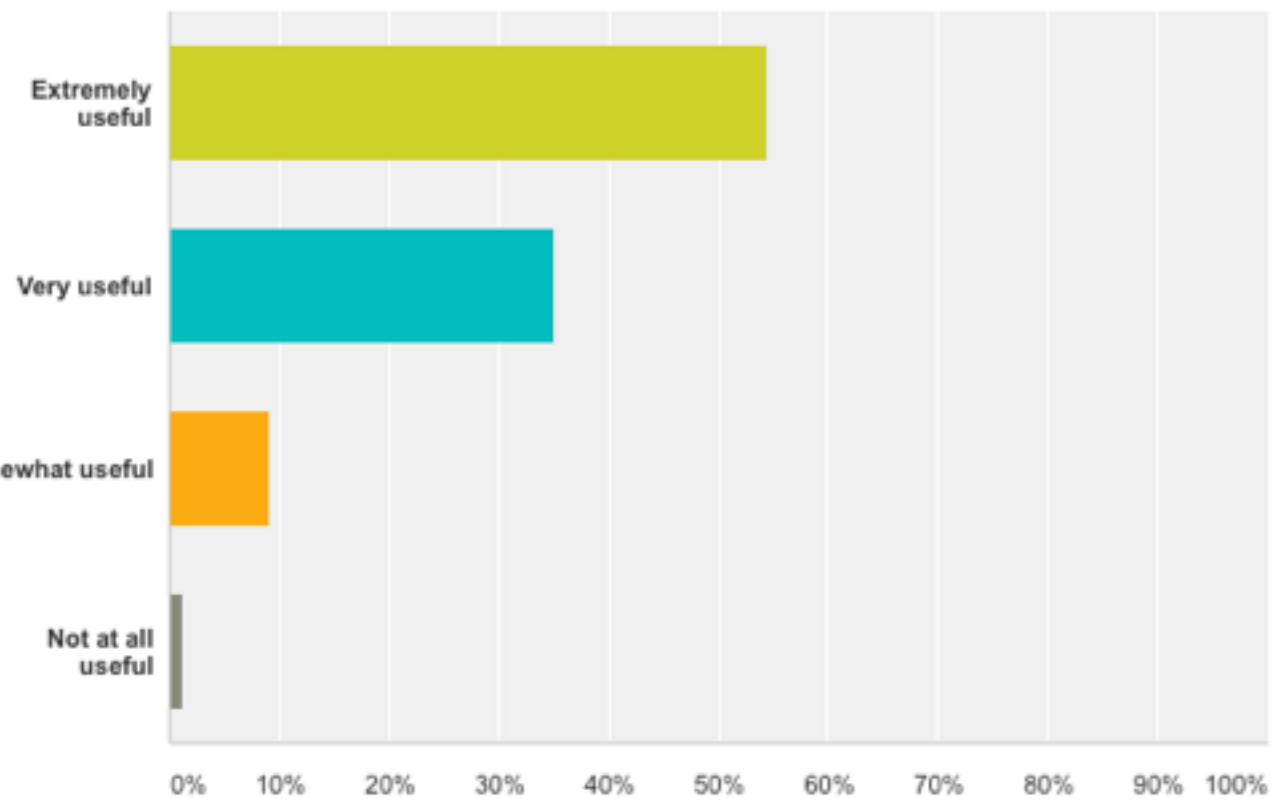
Answered: 131   Skipped: 33

Top 3 are **Attract, train and maintain next generation, Improved Health Outcomes and Develop and Maintain Competency with Tracking**

Source: AORN 2017 Survey: 164 respondents

PeriopSim

Is PeriopSim valuable for learning?

90% find PeriopSim extremely / very useful for **learning instrumentation**

Q6: How valuable did you find PeriopSim for learning instrumentation?
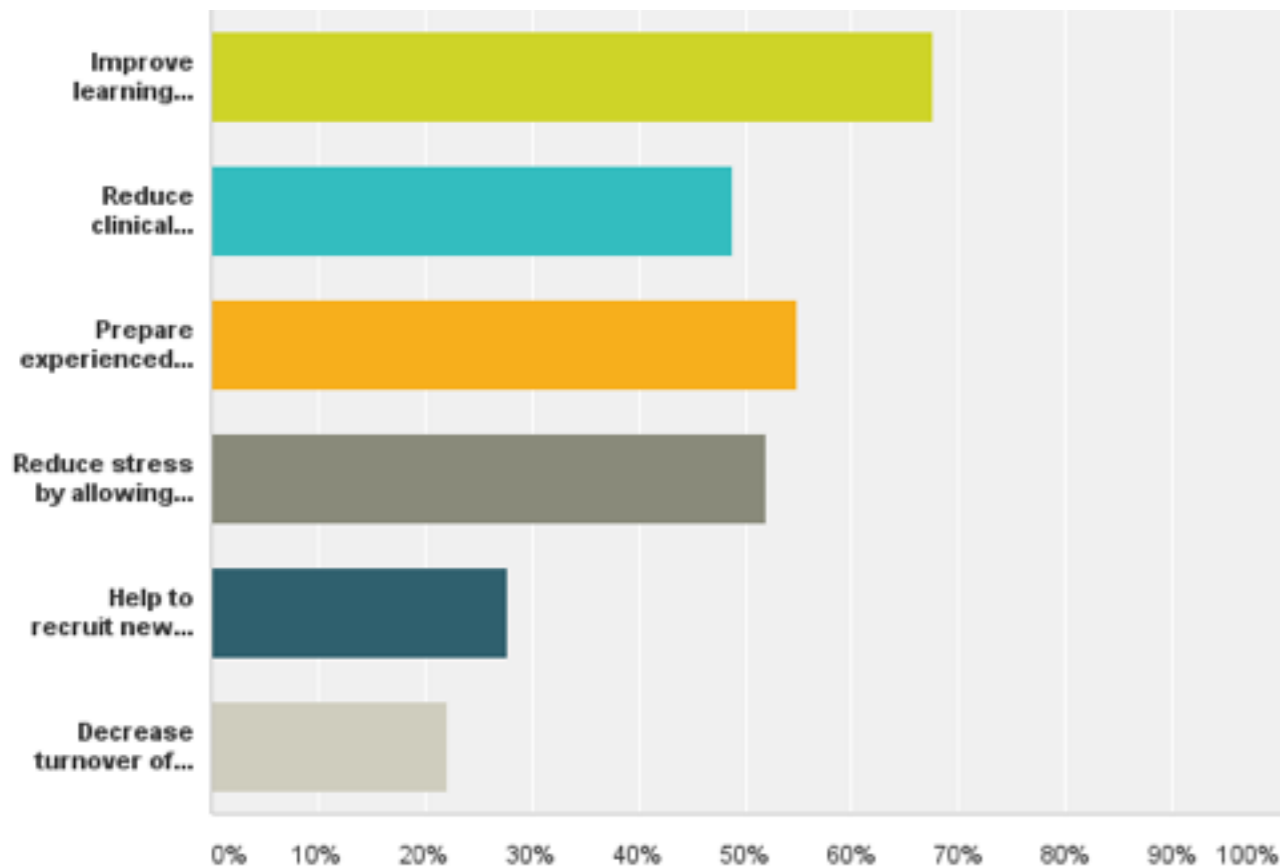
PeriopSim

68% think PeriopSim would be most valuable for improving **learning outcomes for nursing students**

Q3: How do you think PeriopSim might be most valuable?

PeriopSim

90% think PeriopSim would be valuable for improving competence in **practicing** perioperative nurses

Q9: How do you think PeriopSim would be most valuable to practicing Perioperative nurses? (You can select more than one.)
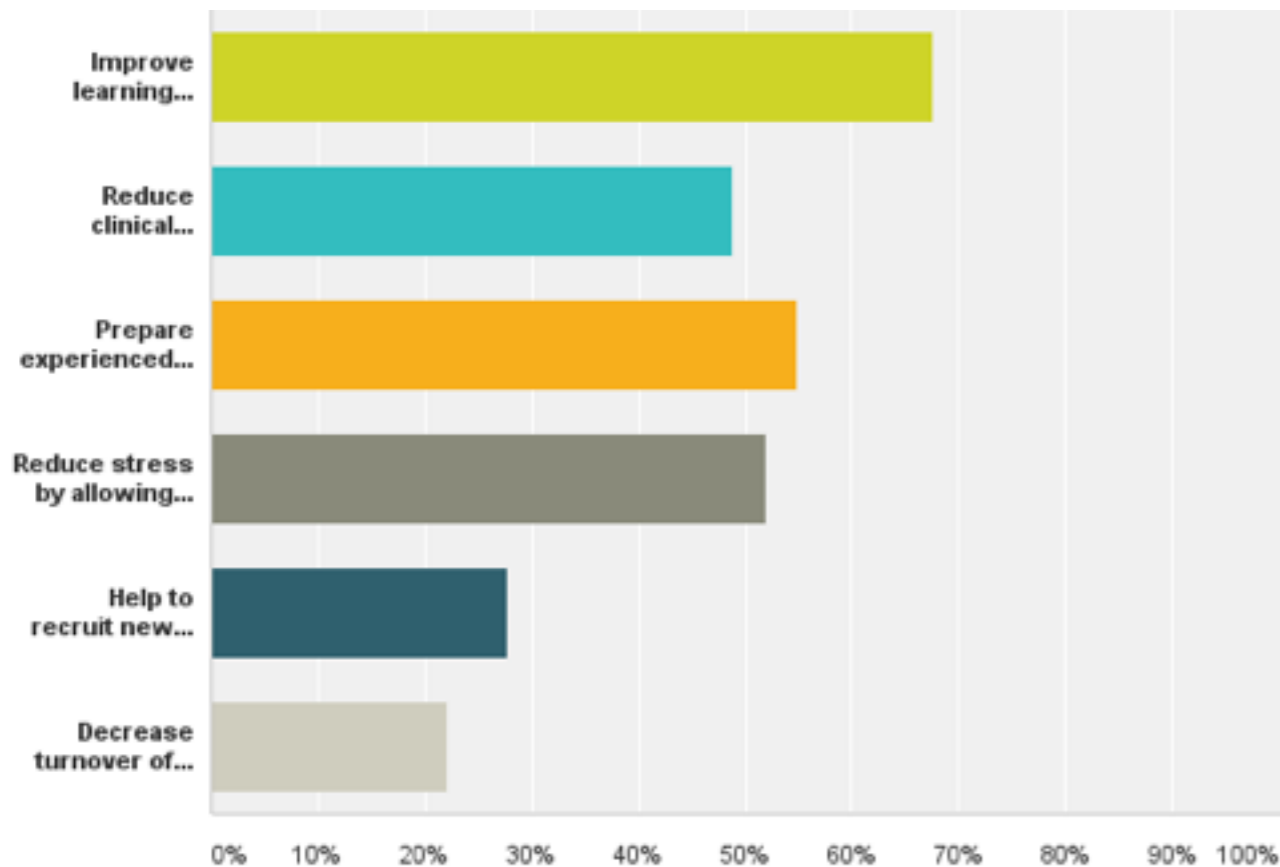
55% think PeriopSim would be most valuable for **preparing experienced nurses** for unfamiliar procedures

Q3: How do you think PeriopSim might be most valuable?

PeriopSim

Which roles would find PeriopSim most useful?

83% say scrub nurses
67% say surgical techs

Q4: Which roles would find PeriopSim most valuable?

Source: 2015 advisory panel (12 highly experienced periop nurses and educators)
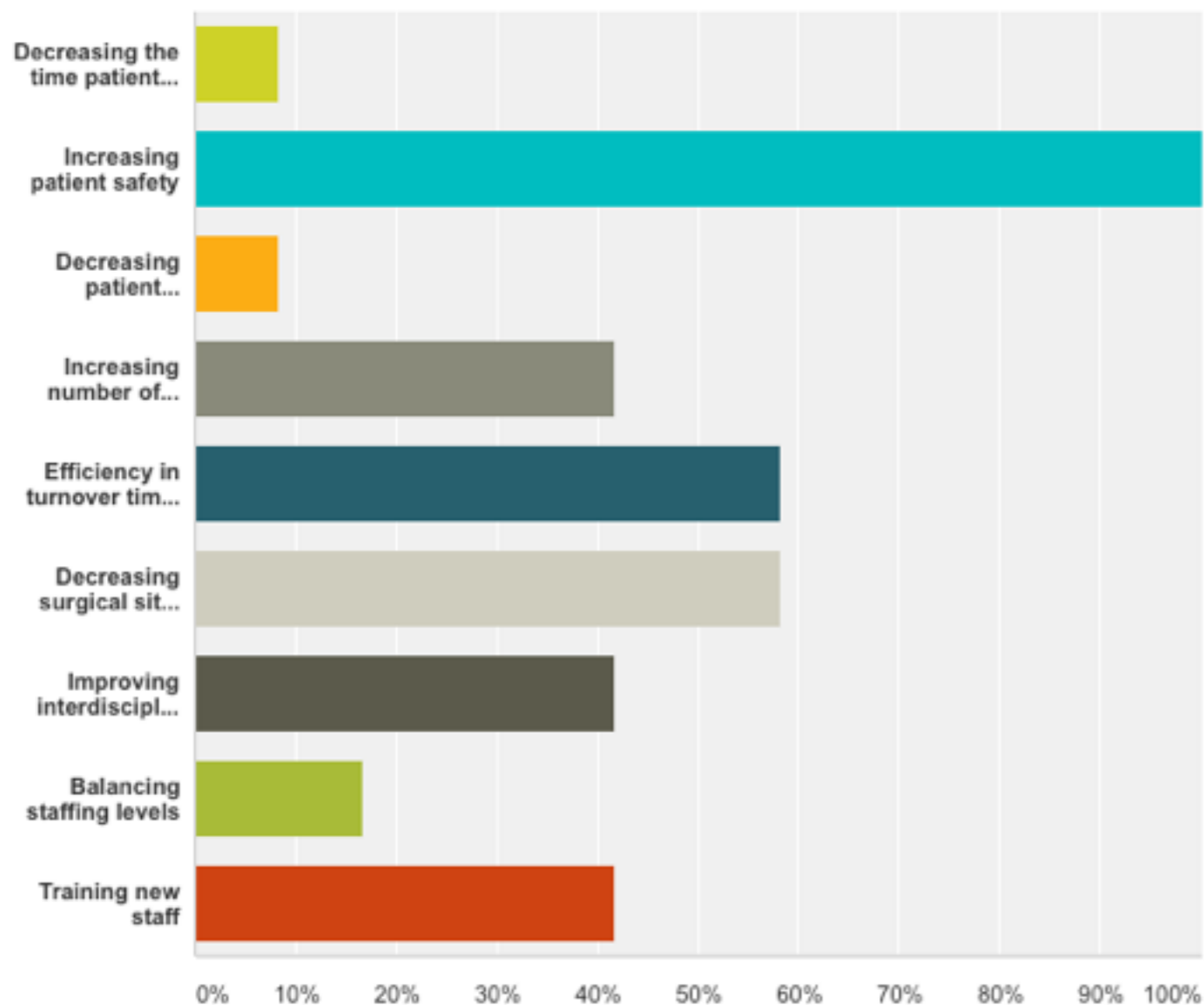
PeriopSim

What are the major pain points?
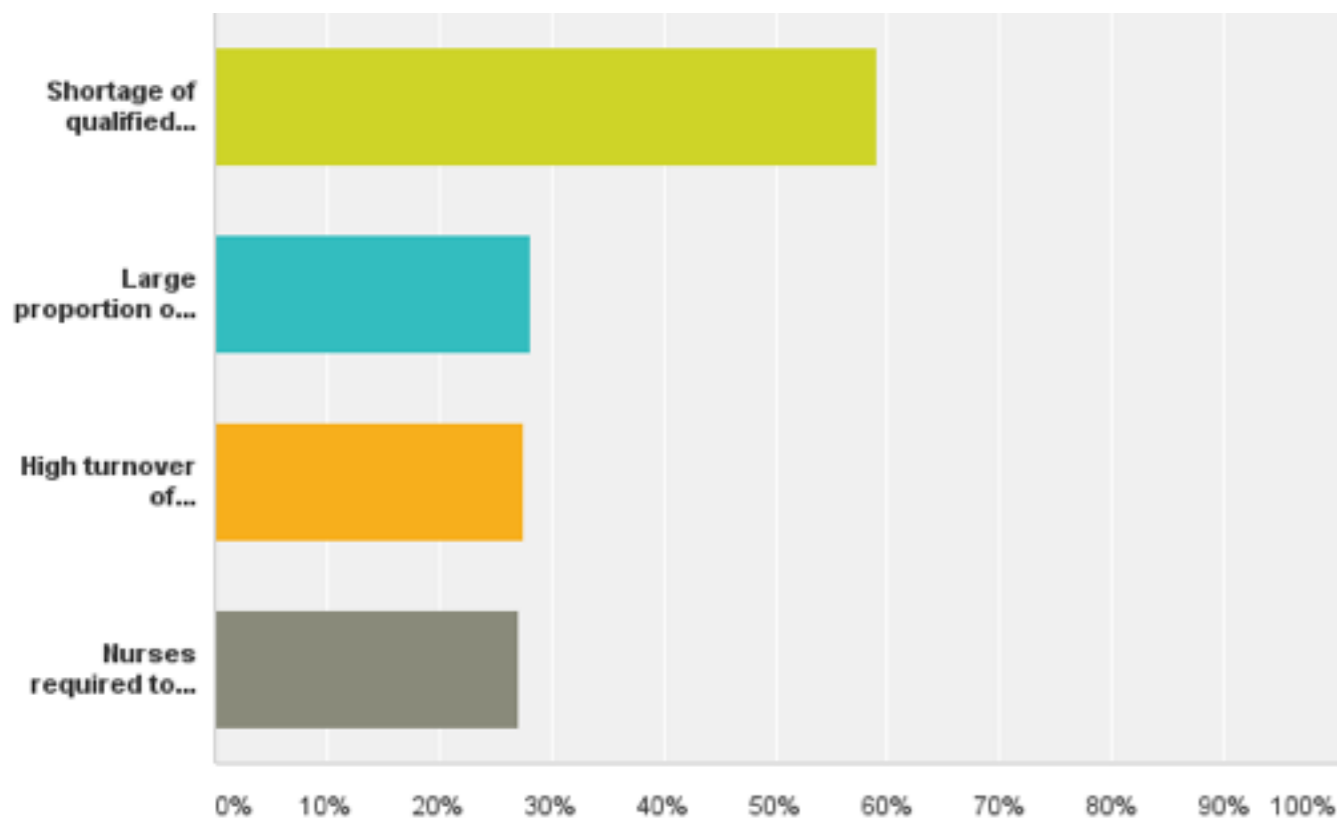
59% think **shortage of perioperative nurses** is a major pain point

27% think scrubbing in for **unfamiliar procedures** is a major pain point

Q5: What are the biggest pain points at your facility right now? (Pick 1 or more)

PeriopSim

Most talked about issues: increasing patient safety, decreasing SSIs and turnover time between surgeries

Q14: What are the most talked about issues at your facility right now? (Pick 3)

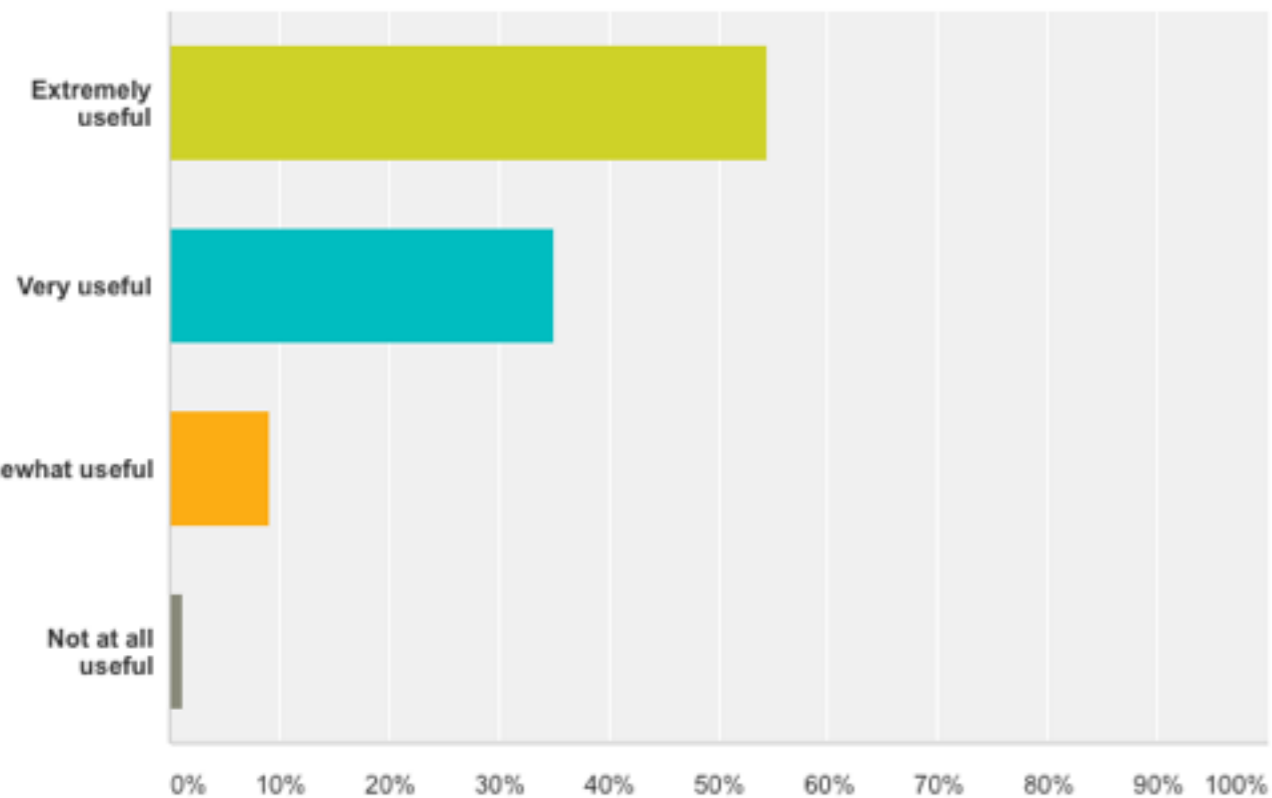Source: 2015 advisory panel (12 highly experienced periop nurses and educators)

PeriopSim

What features & content are most useful for PeriopSim?
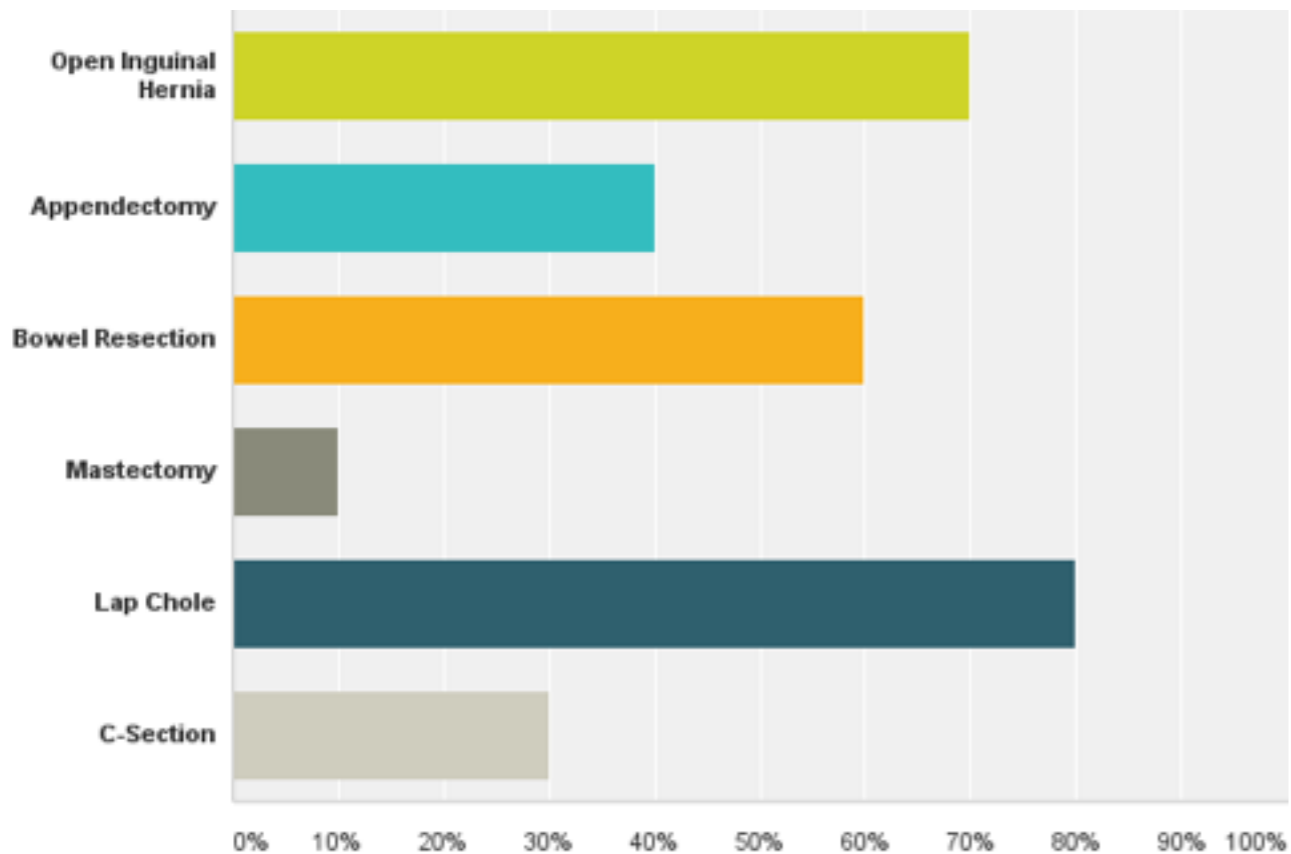
Top 3 'must-have' procedures are Lap Chole, Inguinal Hernia, Bowel Resection

Q2: What do you think are the 3 'must-have' procedures for PeriopSim?

PeriopSim

Q7: How helpful did you find the feedback features for guiding & motivating learning? (verbal feedback & scoring)

84% find PeriopSim **feedback & scoring** extremely / very helpful for motivating learning

PeriopSim
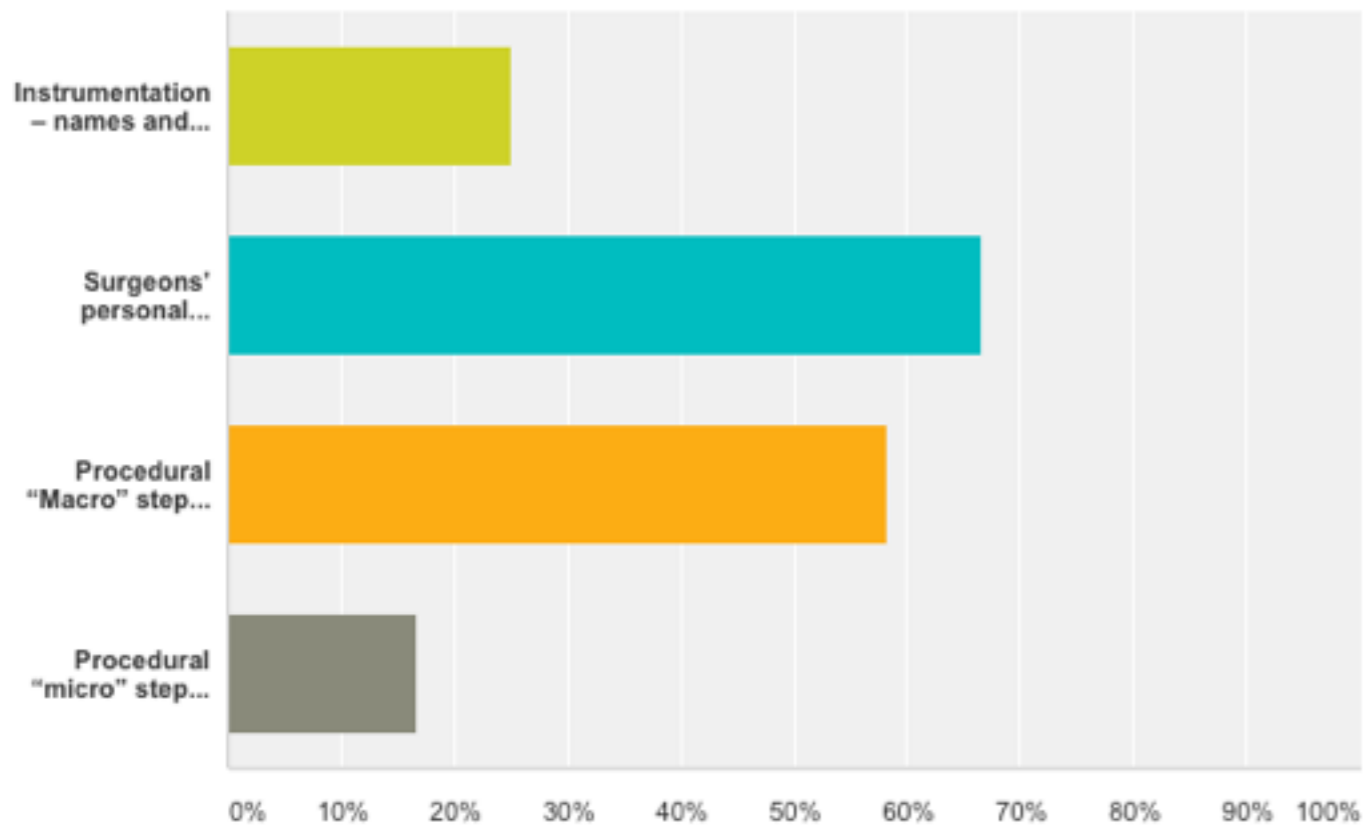
67% think **surgeons' personal preferences (language & technique)** take the most time to teach

Chart categories (top to bottom):
- Instrumentation – names and...
- Surgeons' personal...
- Procedural "Macro" step...
- Procedural "micro" step...

X-axis: 0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Q7: When nurses/techs are double scrubbing to learn new procedures, what takes the most time to teach?
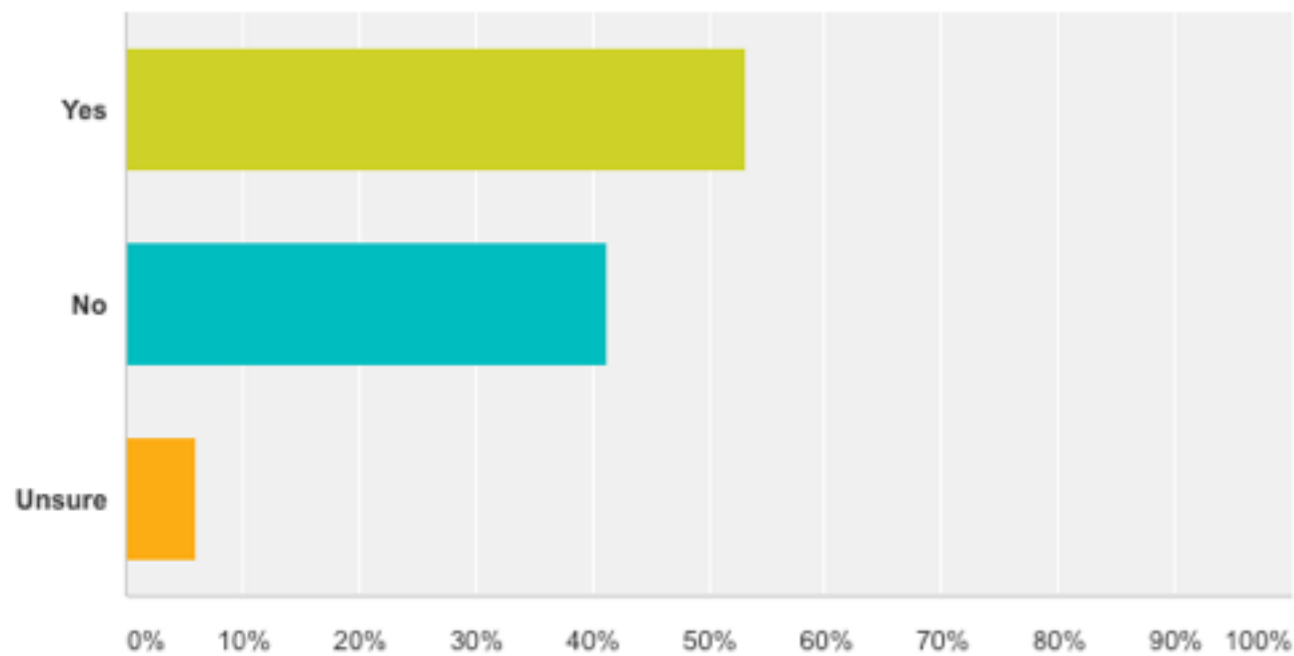
PeriopSim

58% think **procedural macro steps** (general flow) take the most time to teach

Q7:When nurses/techs are double scrubbing to learn new procedures, what takes the most time to teach?

PeriopSim

Is PeriopSim a valuable complement to AORN Periop 101?

53% use AORN Periop 101 at their facility

Q1: Do you use AORN Periop 101 at your facility?

PeriopSim

86% think PeriopSim would be an **extremely / very useful complement to the AORN Periop 101** curriculum
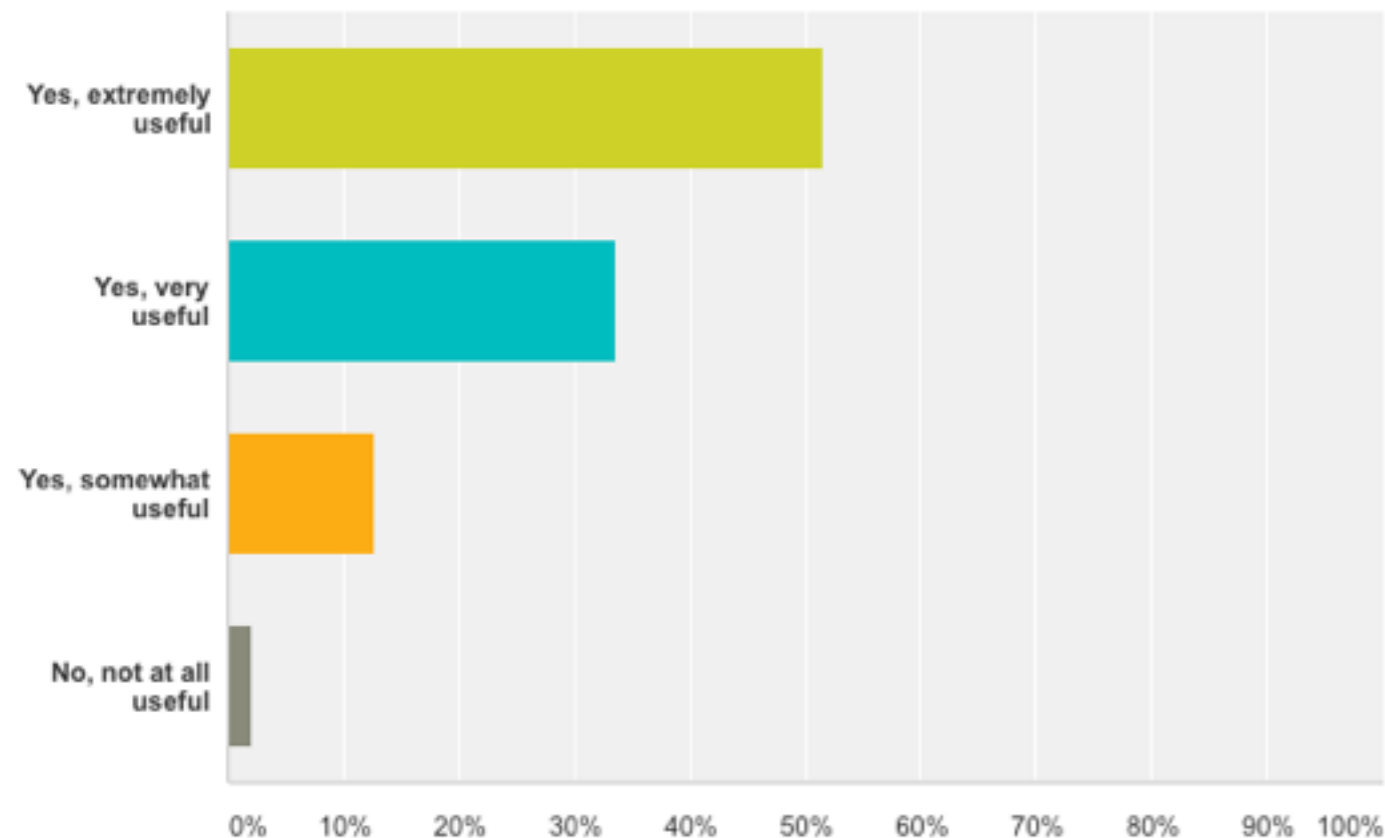
Q2: Do you think PeriopSim would be a useful complement to the AORN Periop 101 curriculum?

Chart categories:
- Yes, extremely useful
- Yes, very useful
- Yes, somewhat useful
- No, not at all useful

X-axis: 0%, 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, 100%

PeriopSim

66% think it would be easiest to **purchase PeriopSim through AORN**
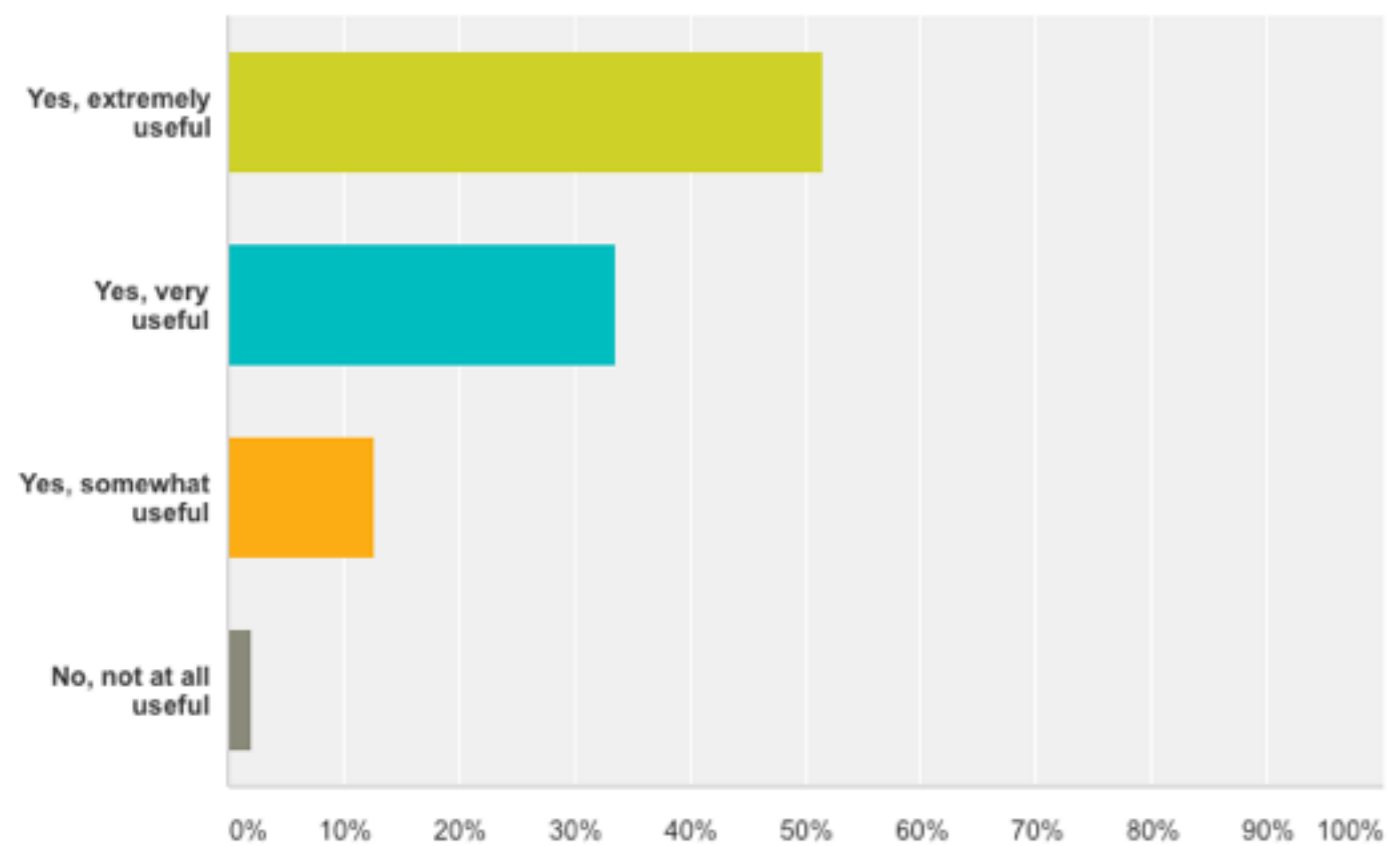
Q7: What would be the easiest way to purchase PeriopSim?
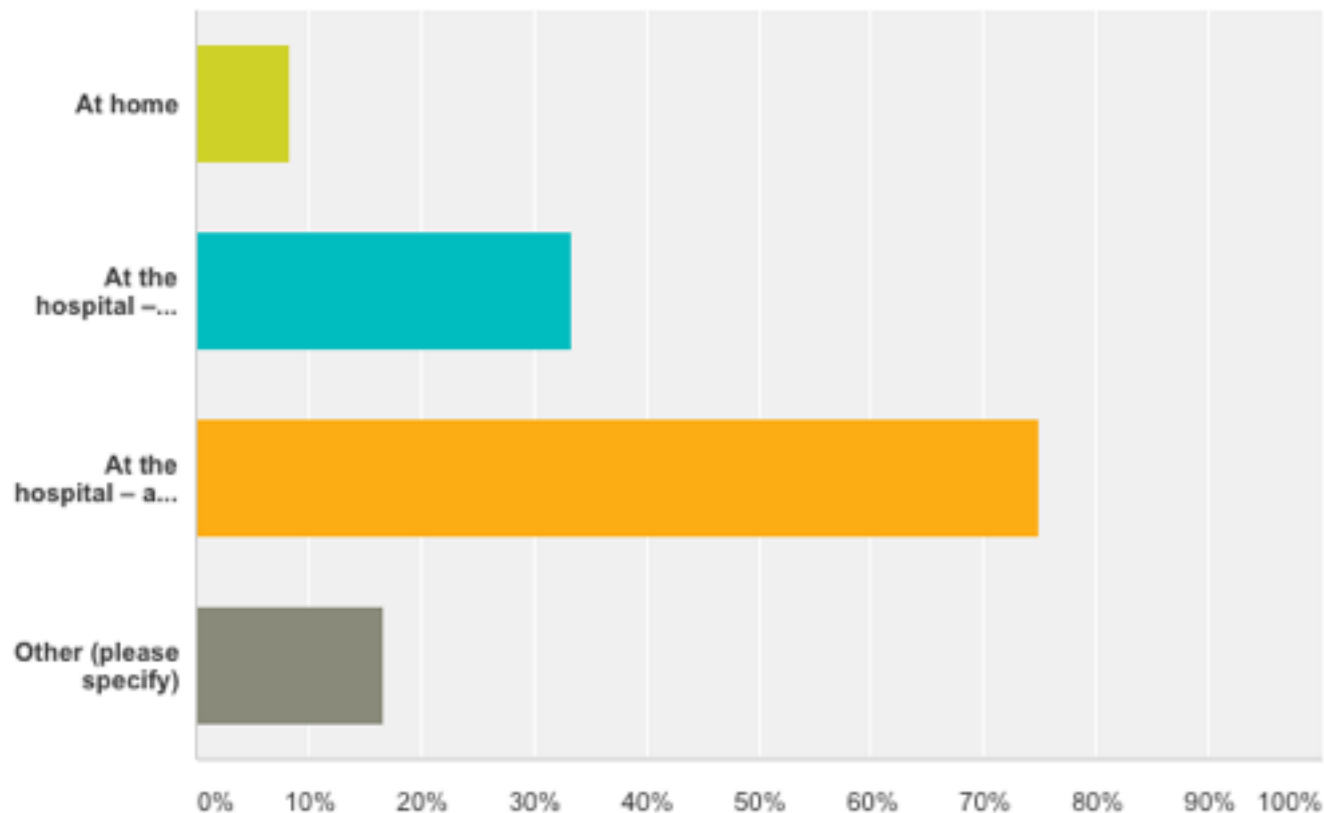
PeriopSim

Where would you learn with PeriopSim?
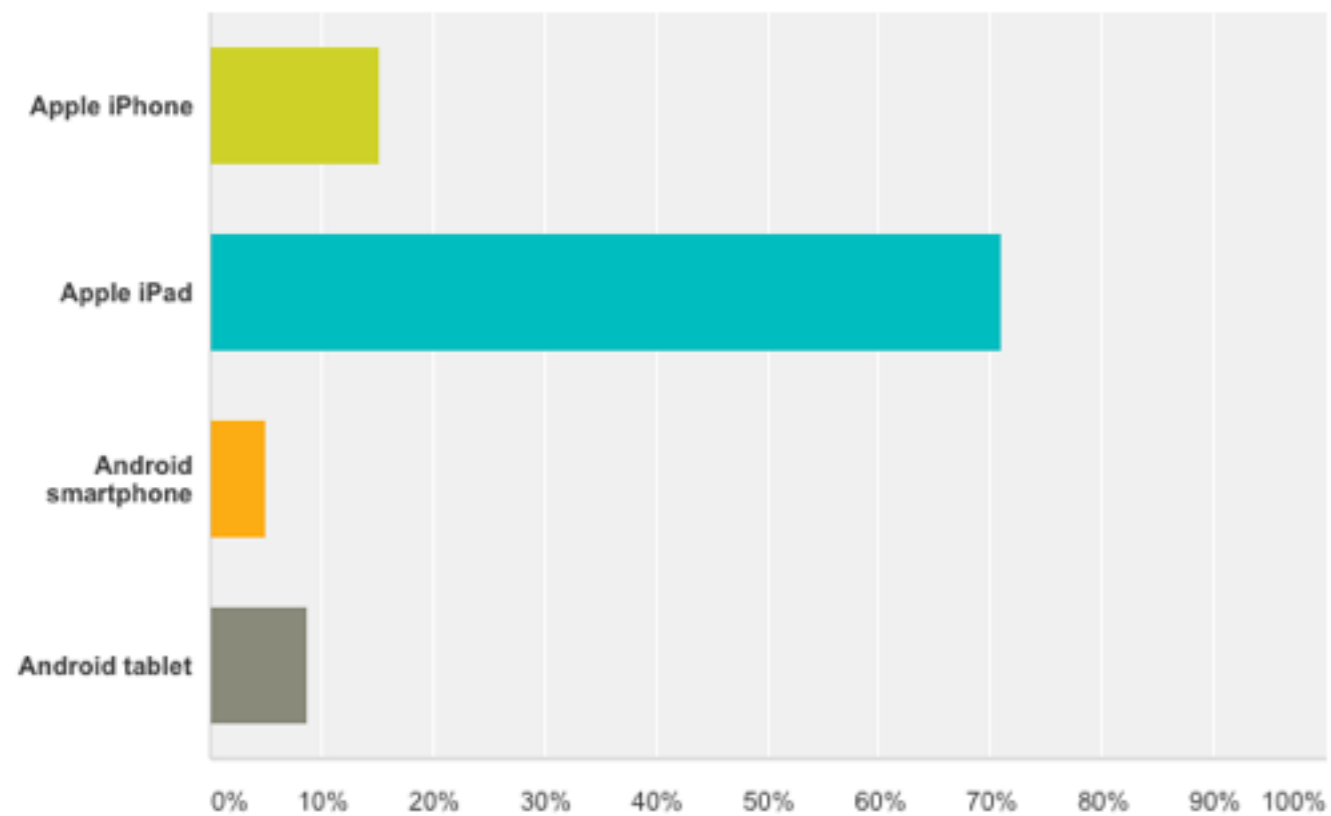
71% think **iPads are the most useful device** for PeriopSim learners

Q7: Which device would be most useful for learners using PeriopSim at your facility?

PeriopSim

75% would use PeriopSim **at the hospital** as part of Periop education

Q8: Where would you most likely use PeriopSim?

PeriopSim