

# Enhancing Resident Education with a Plastic Surgery Inpatient Service Guide

Neil J. Khatte, Becky King, Kia M. Washington, David W. Mathes

University of Colorado Anschutz Medical Campus, Department of Surgery, Division of Plastic and Reconstructive Surgery

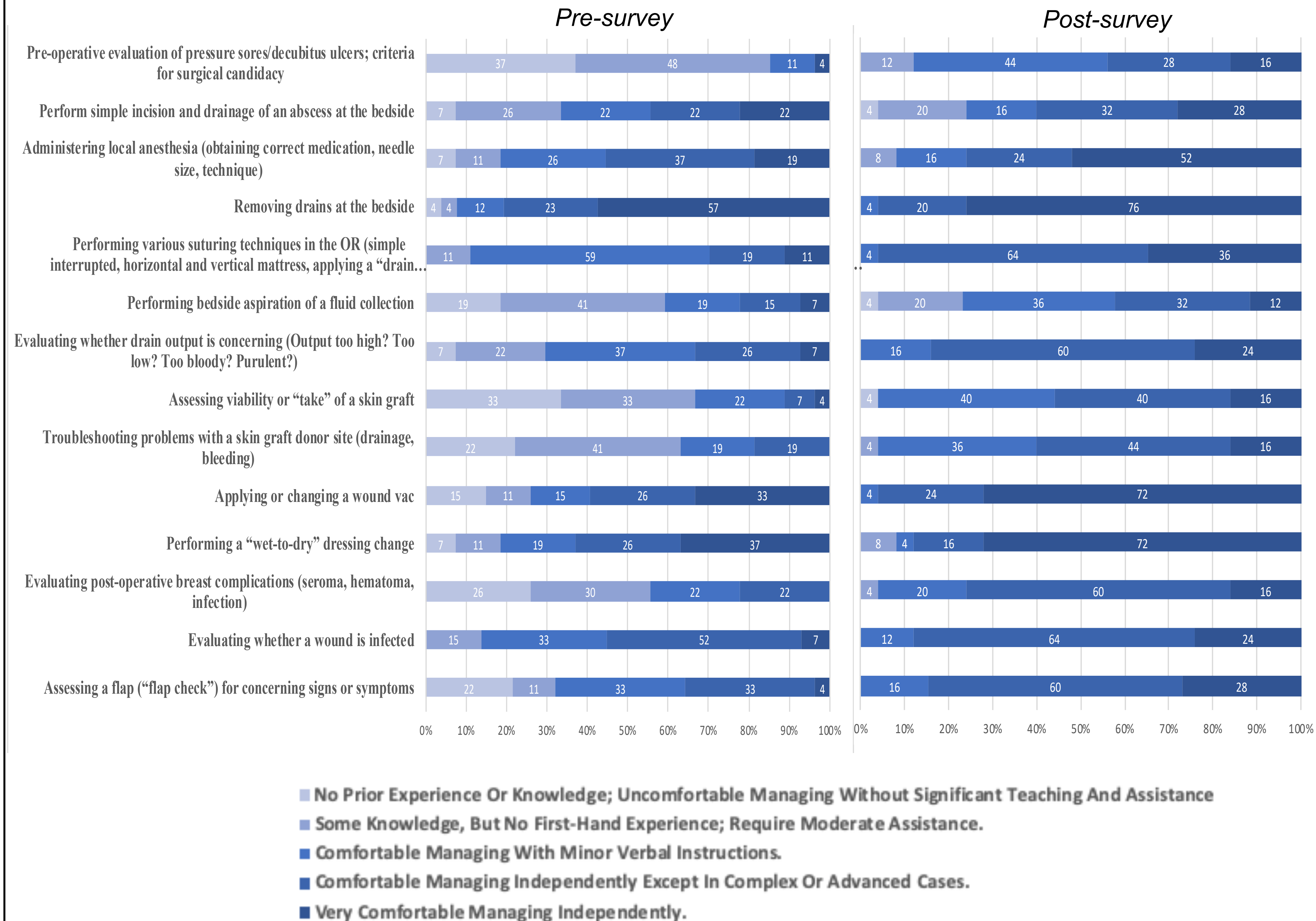
## Background

- At CU, the plastic surgery inpatient service is managed by first-year resident interns from surgical subspecialties including plastic surgery, general surgery, orthopedic surgery, urology, and otolaryngology.
- We aim to educate residents on the essentials of plastic surgery, enhance their experience on the rotation, and improve patient care through the use of a plastic surgery inpatient service guide.
- We hypothesize that the guide will improve resident understanding of key topics in plastic surgery.

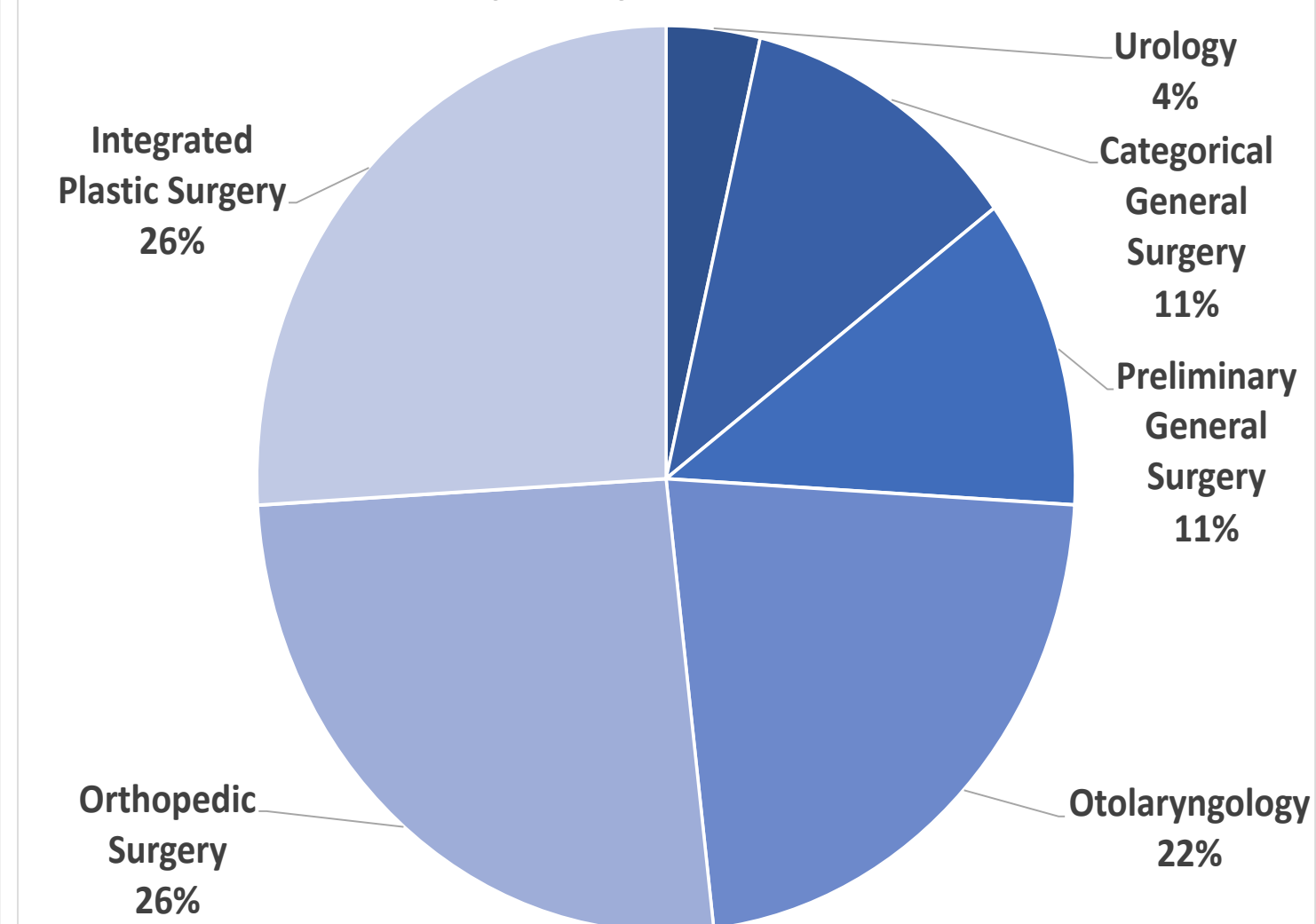
## Methods

- First-year residents on the plastic surgery service were administered a survey at the before their rotation (pre-survey) and after (post-survey)
- The goal of the survey is to determine resident experience within a key topic of plastic surgery.
- The survey scale ranges from 1 (no prior experience or knowledge) to 5 (very comfortable managing independently).
- The guide distributed at the beginning of the rotation provides information for procedures an intern would be expected to complete, preferences of each surgeon, and miscellaneous resources

## Results



Specialty Distribution



## Conclusions

- Rotating on the plastic surgery service contributed towards making residents more confident across each (100%) areas assessed.
- One unique addition to this rotation was the inpatient guide that served as a useful resource throughout the rotation and contributed towards the success of residents across several specialties.
- Future directions of this study are to analyze the specific progression of residents from different specialties, produce more data specific to the usage of the guide by residents, and assess the utility of the guide for fourth year medical students rotating on the service.