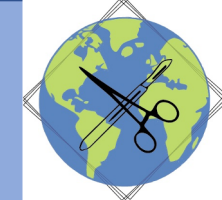


# GlobalSurgBox: A Portable Surgical Simulator for Surgical Trainees Worldwide



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## BACKGROUND

### IMPORTANCE

- Decreases operative time
- Increases accuracy
- Produces safer surgeons

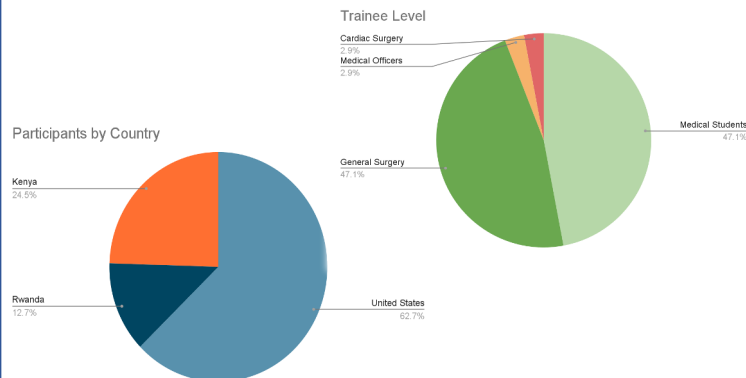
### BARRIERS

- Affordability
- Access
- Portability
- Ease of implementation

## PURPOSE

To evaluate whether a novel affordable and portable surgical simulator would be of value to surgical trainees in multiple countries across the income spectrum

## METHODS

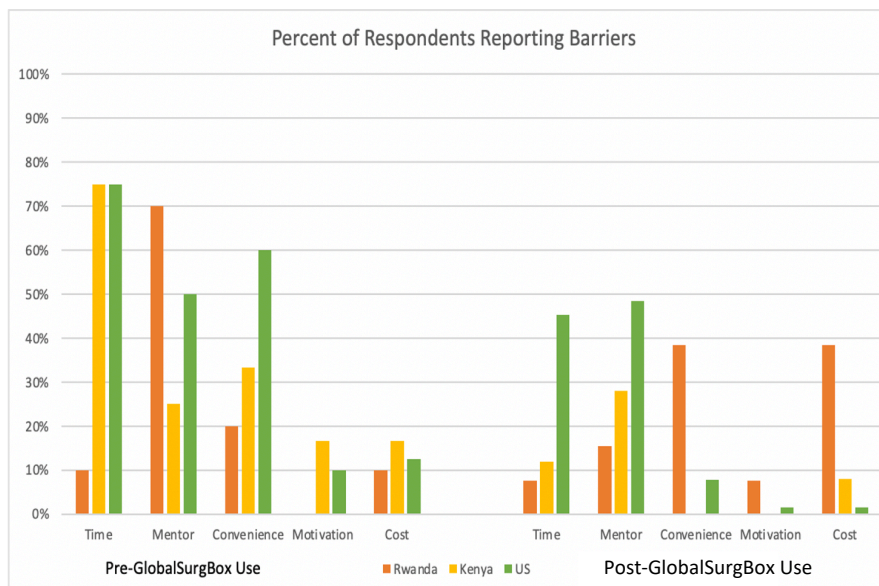


## RESULTS

- 60% had access to simulation resources
- Only 9.8% of these trainees stated they use these resources routinely
- 94.1% reported barriers to using surgical simulation

### After use:

- 86.3% stated the simulator was a good representation of the OR
- 94.1% stated it better prepared them for the operating room



## CONCLUSIONS

Participants across all three countries reported multiple barriers to surgical simulation in their current surgical training. The GlobalSurgBox eliminated many of these stated barriers by providing a portable, affordable, and realistic way to practice skills needed in the operating room.

## DISCLOSURES

No relevant financial disclosures or conflicts of interest