

General Surgery Residents Attitudes Towards Robotic Surgery Training During Residency

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INTRODUCTION

- Surgery residents are increasingly exposed to robotic surgery during their training.
- However, there is no standardized robotic surgery training curriculum across US residency programs.
- Our program implemented a formal robotic surgery curriculum in 2019.

AIMS

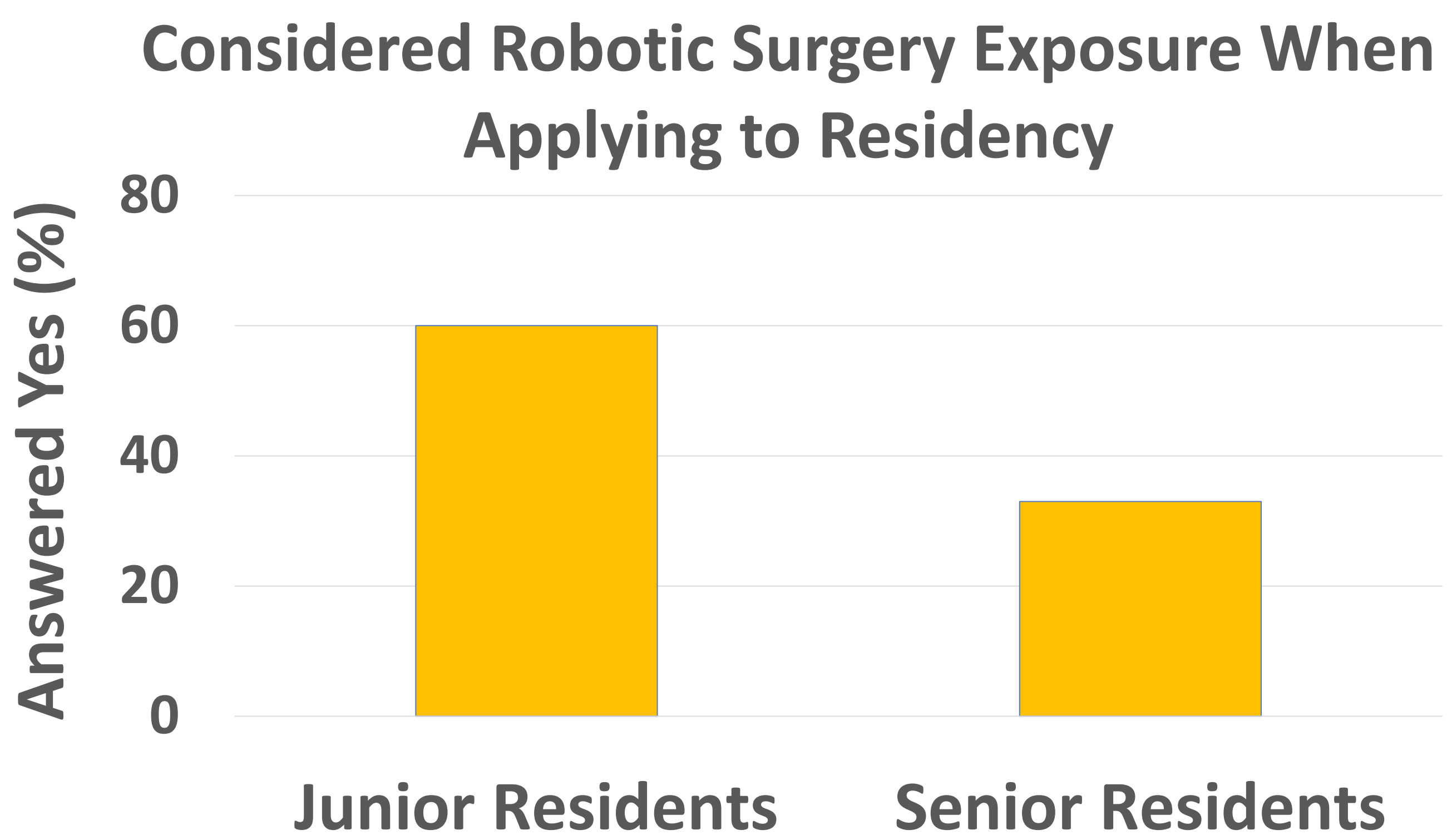
- To ascertain the attitudes towards robotic surgery training among our general surgery residents.

METHODS

- Anonymous pre-curriculum online survey was distributed to general surgery residents at our program.
- The responses between Junior Residents (PGY 1-3) and Senior Residents (PGY 4-5) were compared.
- Data were collected and analyzed through REDCap.

RESULTS

Survey Question	Junior Residents N=20, % answered yes	Senior Residents N=6, % answered yes	P-value
<i>Curriculum should be available or required</i>	100	100	1.00
<i>Residents graduating with robotic surgery training are more attractive job/fellowship applicants</i>	75	67	1.00
<i>Robotic training would hinder development of laparoscopic or open skills</i>	0	0	1.00
<i>Concerned that robotic curriculum would add to extraclinical burden</i>	5	50	0.03
<i>Would like to be certified in robotic surgery prior to graduating from residency</i>	95	83	0.42
<i>Considered exposure to robotic surgery when applying to residency programs</i>	60	33	0.36
<i>Likely to complete robotic curriculum requirements during weekends or evenings</i>	70	50	0.63



CONCLUSIONS

- The residents in all levels of training believed a robotic surgery curriculum should either be available or required during residency.
- Increasing proportion of younger residents considered robotic surgery exposure as an important factor in applying for the residency.
- A standardized robotic surgery curriculum across all general surgery programs should be considered.