

# ARE WE TRAINING OUR RESIDENTS WELL?

## LEVEL OF SATISFACTION IN DEALING WITH TRAUMA AFTER ATLS COURSE

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### INTRODUCTION

- Advanced Trauma Life Support is designed to train medical practitioners to deal with acute trauma emergencies.
- The Advanced Trauma Life Support (ATLS) course was developed by the American College of Surgeons Committee on Trauma in the 1980s.
- This course is being carried out in Pakistan by College of Physicians and Surgeons Pakistan (CPSP)
- A number of studies are being conducted all over the world to assess the effectiveness of ATLS courses in improving health care facilities of trauma patients.
- We decided to ask our doctors how they felt the course had helped them.
- This study aimed to assess whether the ATLS care providers in Pakistan are satisfied with their performances after undertaking ATLS course.

### MATERIALS AND METHODS

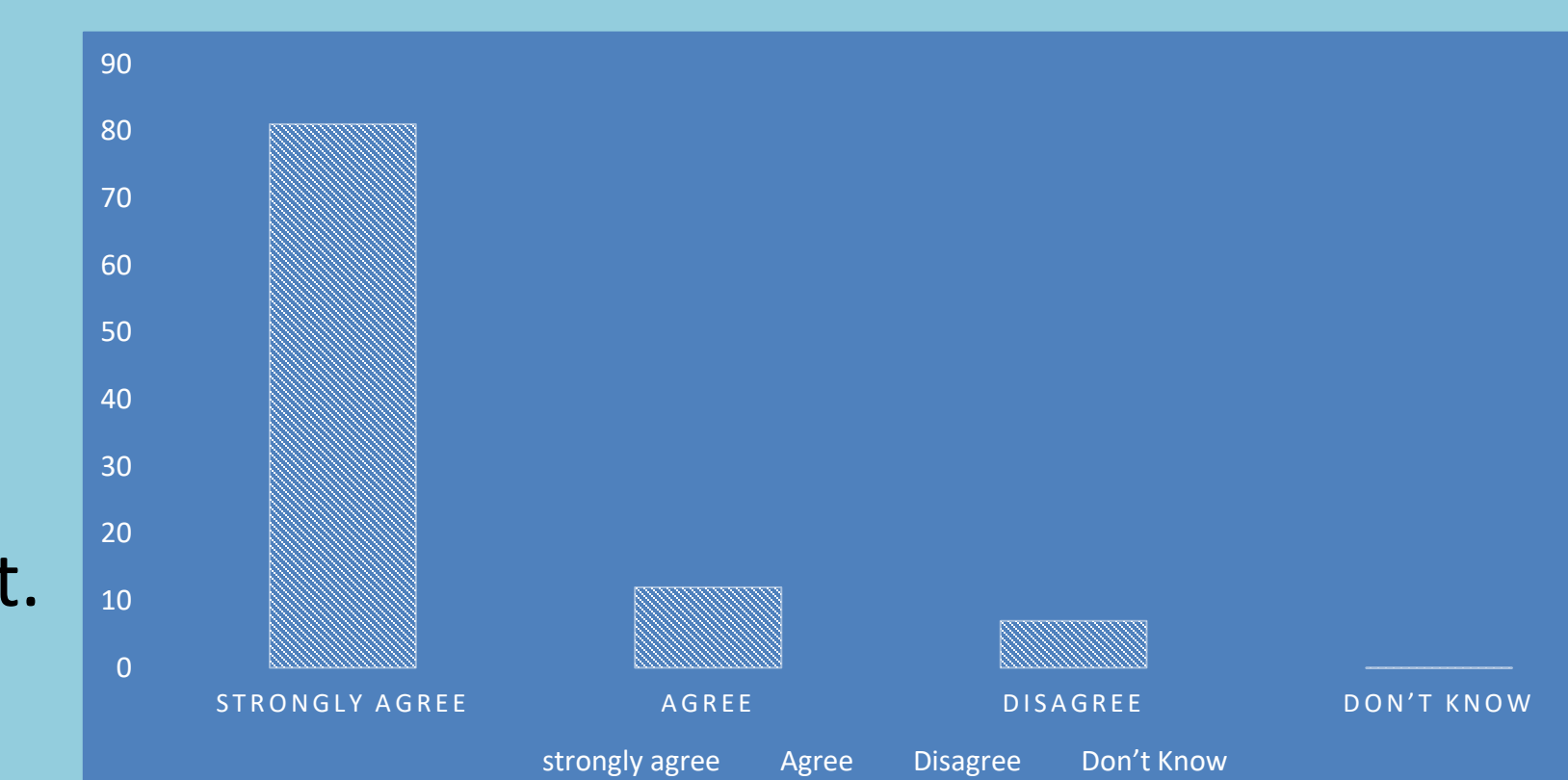
- This was a cross sectional survey done in Pakistan.
- After taking ethical approval from SIMS ethical review board a specially designed questionnaire was e-mailed to 200 participants who had done ATLS courses from January 2012 till December 2016.
- All participants had undertaken 9th edition of ATLS course.
- A total of 121 participants responded to questionnaire
- 36 participants had to undertake the remedial exam and did not consent to reply.
- Data was entered and analyzed in SPSS ver 23.0.

### CONCLUSION

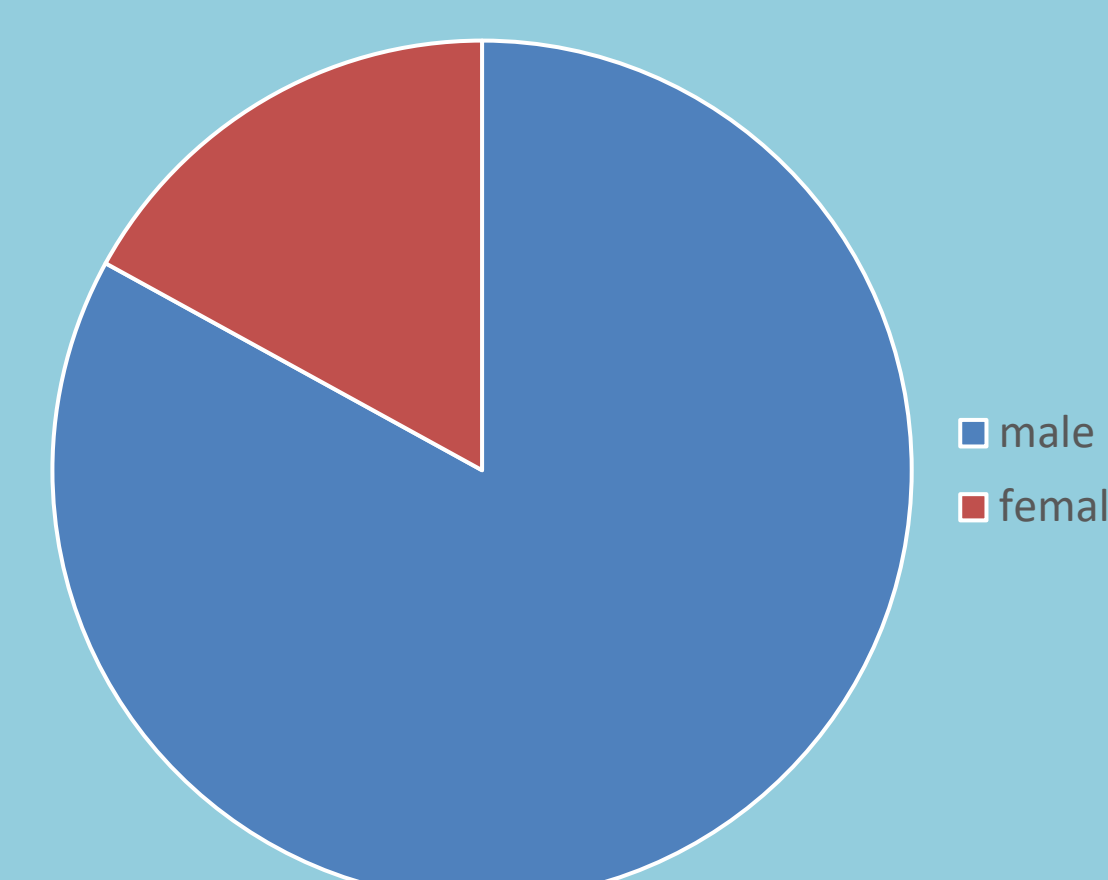
- **ATLS course improves the course takers ability to recognize and manage trauma**
- **It should be taught free of cost to all the residents in training.**
- **A systematic approach is the need of the day for the management of trauma patients**

### RESULTS

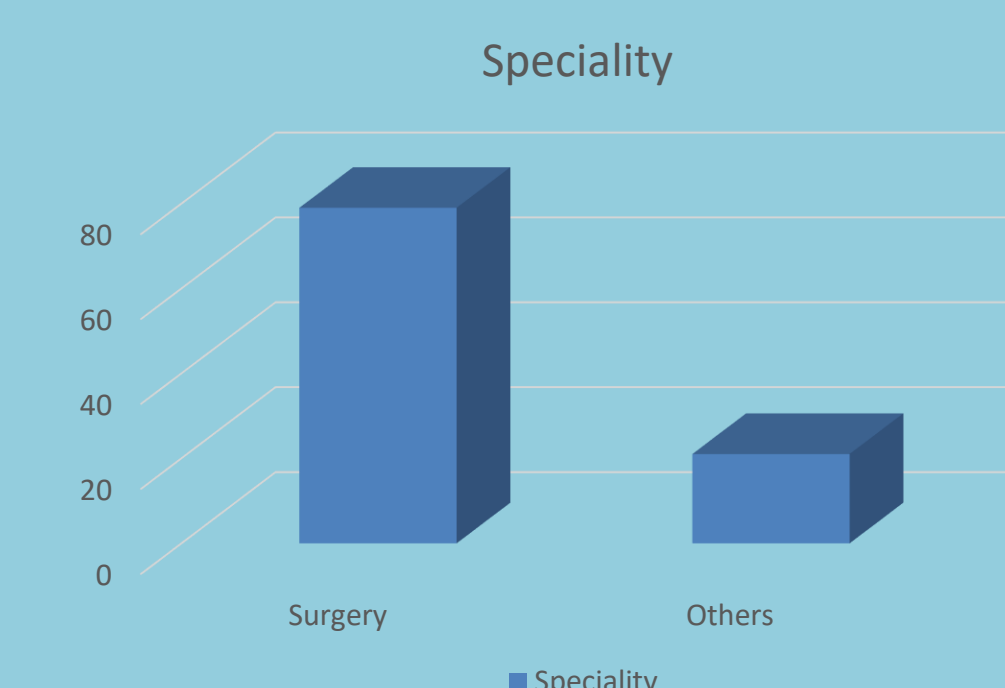
- Total questionnaire emailed 200.
- Total filled 121
- Out of 121 respondents 83% were males and 17% females.
- 79% were from Surgery and allied and 21% were from other specialties.
- Majority of participants were Residents (84%) and only 16% were consultants.
- Regarding improvement in triage skills 81% of the respondents strongly agreed and 12% agreed to the statement.
- 79% of the participants strongly agreed that their ability to identify and deal with respiratory tract injuries has improved and only 3% of respondents disagreed.
- 90% of the respondents said that they were better able to recognize shock and manage it.
- 73% of respondents strongly felt that they were able to deal with neurological injuries after doing ATLS.



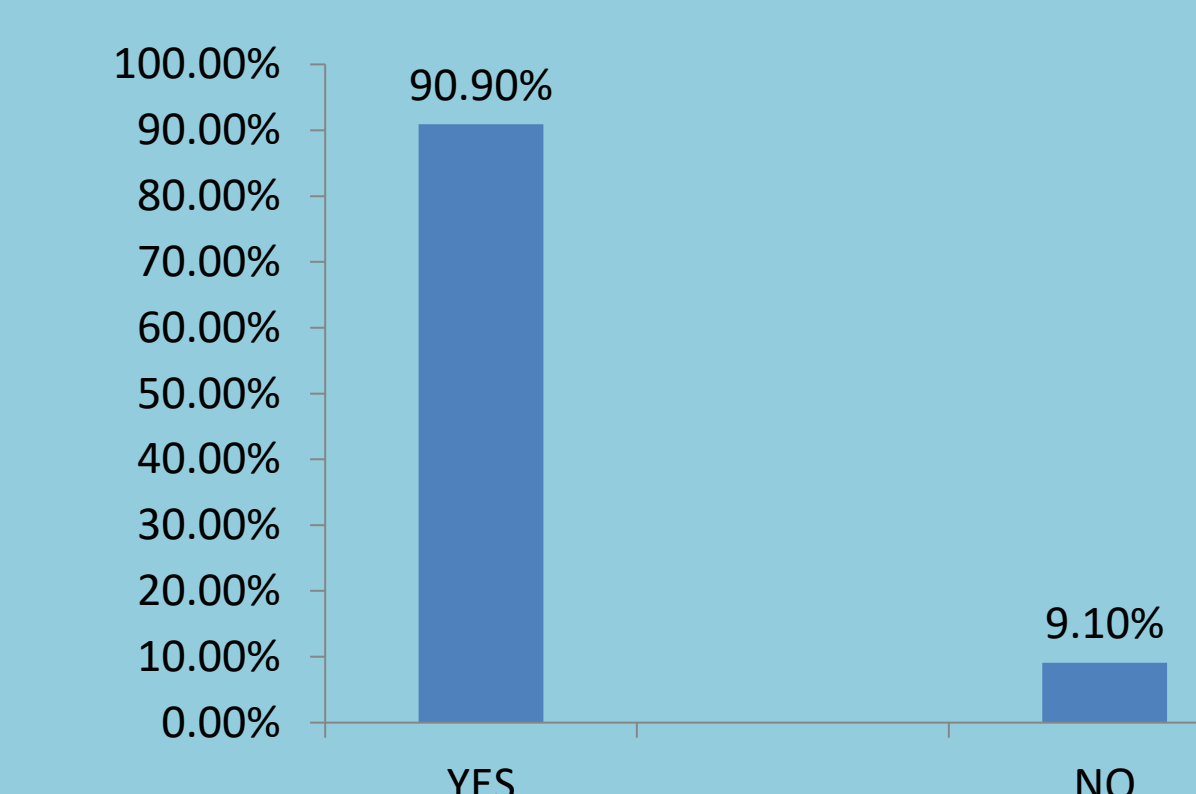
**Have your triage skills improved?**



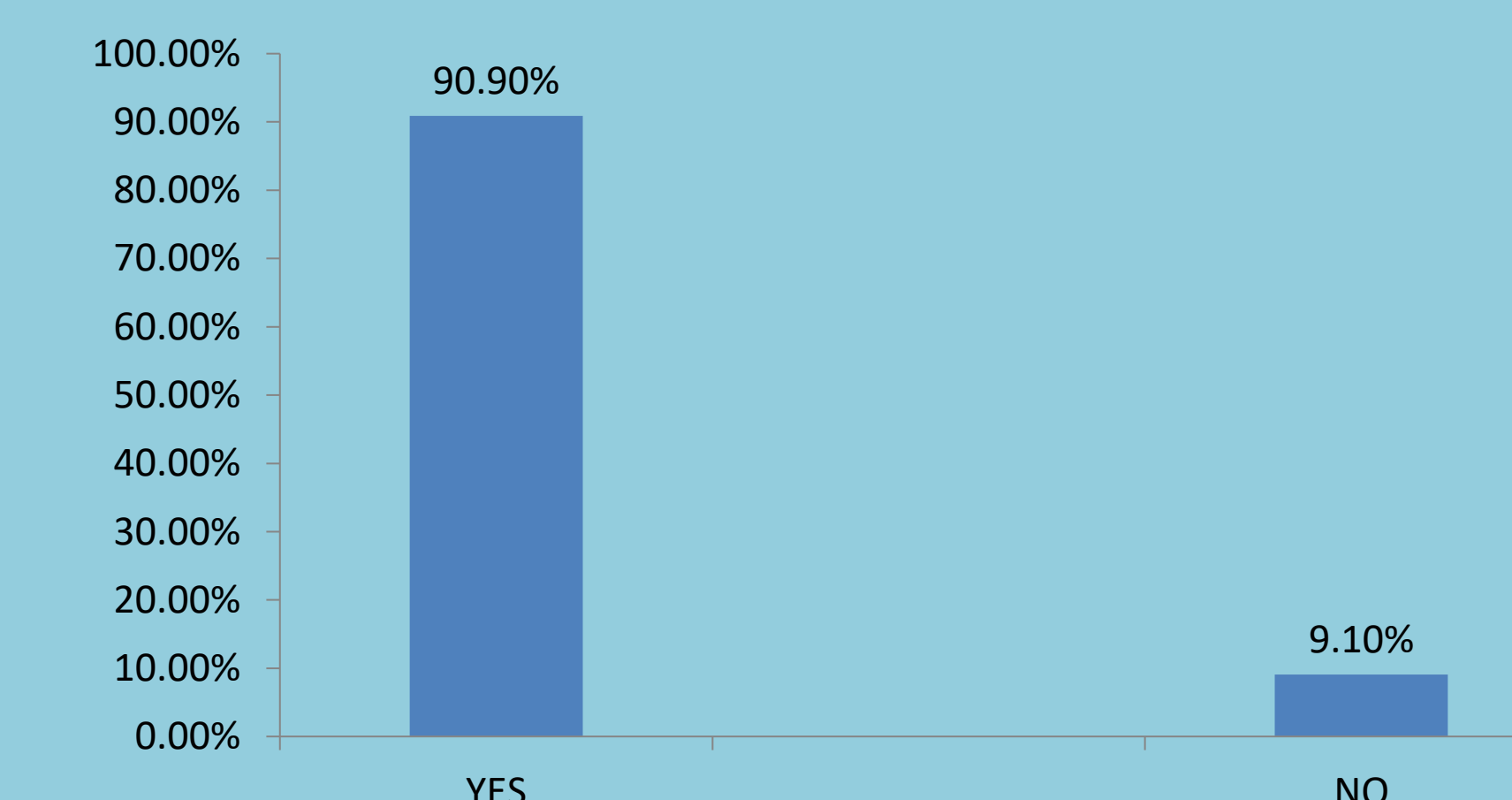
**Gender distribution**



**Specialty**



**Are you better able to recognize shock and manage it?**



**Would you recommend ATLS to others?**

### REFERENCES

1. Abu-Zidan FM. Advanced trauma life support training: How useful it is?. *World J Crit Care Med.* 2016;5(1):12-16. Published 2016 Feb 4. doi:10.5492/wjccm.v5.i1.12
2. Celso B, Tepas J, Langland-Orban B, Pracht E, Papa L, Lottenberg L, Flint L. A systematic review and meta-analysis comparing outcome of severely injured patients treated in trauma centers following the establishment of trauma systems. *J Trauma.* 2006;60:371–378; discussion 378.