

Teaching empathy by simulated practice in optometry: The TESPO project

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The Simulator



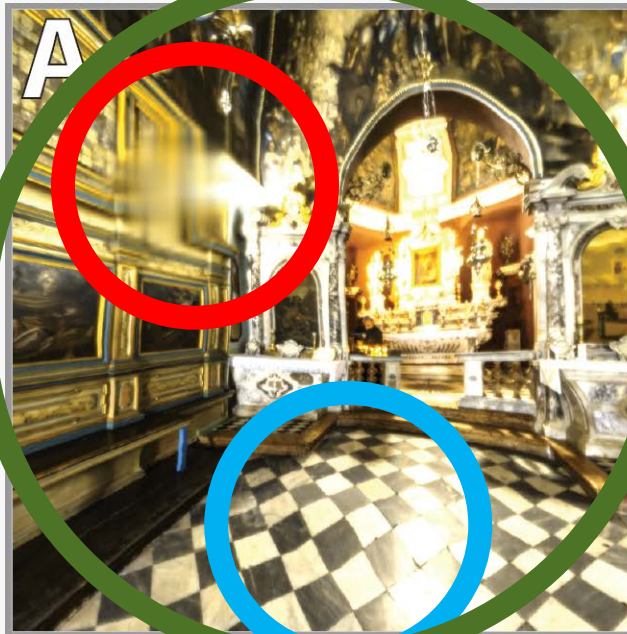
*Jones & Ometto,
IEEE, 2018*



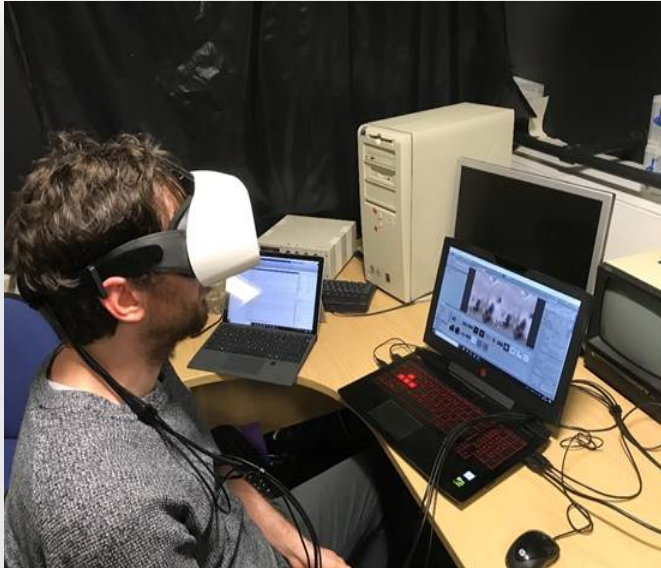
The Simulator



*Jones & Ometto,
IEEE, 2018*

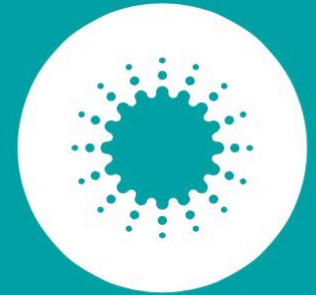


Methods



Understanding

Age-related macular degeneration



RNIB Supporting people with sight loss

Jefferson Scale of Physician Empathy

- 20 Questions
- 1-7 Likert scale

Toronto Empathy Questionnaire

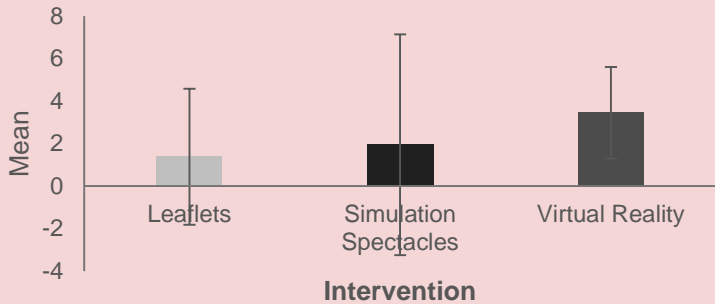
- 16 Questions
- 5-point Likert scale corresponding to various levels of frequency (i.e., never, rarely, sometimes, often, always),

National Eye Institute Visual Function Questionnaire (NEI VFQ-25)

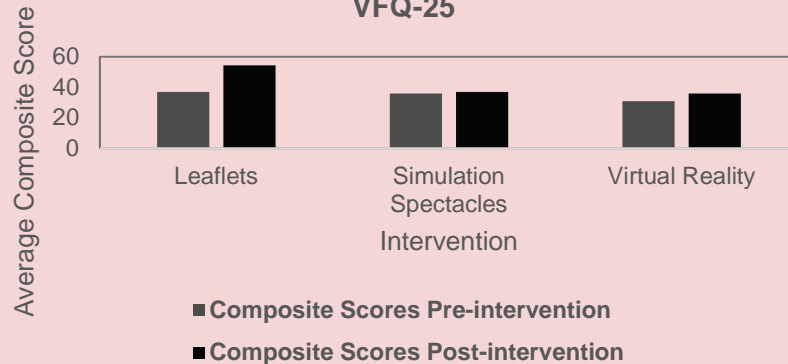
- 25 questions
- Report predictions on a range of subscales provided e.g. near activities, driving, peripheral vision.

Results

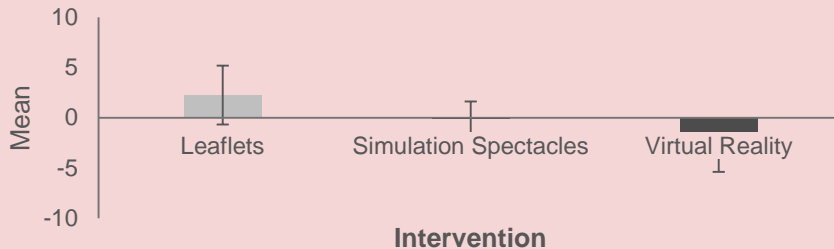
Comparison of the three intervention averages using data from the JSPE



The Differences in means between pre-intervention and post interventions for the NEI VFQ-25



Comparison of differences in means using TEQ data



Conclusion

- Our final year students have high levels of empathy 😊
- Important for students progressing on to their pre-reg. year
- But...small sample used
- More research required to measure empathy levels and assess the impact of interventions

Implications and future work



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Thank you for listening.

Questions???

References

Batt-Rawden et al., 2013

Lim et al, 2011

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