



# Students' perceptions of Objective Structured Clinical Examination (OSCE): a contribution to the cultural adaptation of a survey

### PRESENTED AT:



Rita Cerqueira<sup>1,2</sup>, Sónia Vicente<sup>2,3</sup>, Pedro Marvão<sup>4</sup>, João Couvaneiro<sup>2,3,5,6</sup>, Maria Paula Santos<sup>1</sup> & Hélder Fonseca<sup>1</sup>



<sup>1</sup>Centro de Investigação em Atividade Física, Saúde e Lazer (CIAFEL) Faculdade de Desporto da Universidade do Porto (FADEUP), Porto, Portugal <sup>2</sup> Egas Moniz School of Health and Science, Monte de Caparica, Portugal; <sup>3</sup> Egas Moniz Center for Interdisciplinary Research (CiiEM), Monte da Caparica, Portugal; <sup>4</sup> NOVA Medical School, Campo dos Mártires da Pátria, 130, 1169-056, Lisboa, Portugal; <sup>5</sup> Center for the History of Science and Technology (CIUHCT); <sup>6</sup> Centre for History of the University of Lisbon (CH-ULisboa)

### INTRODUCTION

The Objective Structured Clinical Examination (OSCE) is widely used for assessing clinical competencies among students in health-related professions [1]. Nevertheless, when it was introduced for the first time in a course unit at the undergraduate level, understanding students' perceptions concerning the new assessment method may prove a valuable insight towards a systematic implementation. The questionnaire developed by Pierre et al (2004) [2, 3], encompasses different OSCE aspects and has already been translated and validated in several non-English speaking countries [4, 5]. It reports on:

# Demographic distribution of OSCE participants:



RESULTS



Well-constructed OSCE

Good student briefing

Less stressing than other assessment formats

Totally disagree
Disagree
Neither agree nor disagree
Agree
Totally agree

# Differences in Student Perceptions According to Native Language (Mann-

## PARTICIPANTS

Eighty-six second-year physiotherapy bachelor's degree students undertook an OSCE in the Clinical Education I course unit.

#### METHODS Participant Questionnaire • Development Engagement Descriptive, observational Translation Voluntary and cross-Participation Expert Evaluation sectional Anonymity -5-point Likert Scale study Informed scoring Consent

Whitney U).

Portuguese vs. French Speakers



# CONCLUSION

These perceptions were similar regardless of the students' native language,

# Ethical Considerations

- Declaration of Helsinki
- Ethics Committee Approval

# reflecting:

- A positive response to the methodology
- A clear understanding of the questionnaire
- The next stages of the questionnaire's validation will:
  - Allow for an evaluation of its potential for broader application
  - Assess its usefulness to others

The Research Center in Physical Activity, Health and Leisure (CIAFEL), Faculty of Sport, University of Porto (FADEUP) is funded by FCT through grant UIDB/00617/2020: doi:10.54499/UIDB/00617/2020. The Laboratory for Integrative and Translational Research in Population Health (ITR), Porto, Portugal, is funded by FCT through grant LA/P/0064/2020. The researchers would like to thank the students who participated in the study, as well as the faculty staff who helped to make the OSCE possible.

# REFERENCES

ACKNOWLEDGMENTS

**CONTACT DETAILS** 

rcerqueira@egasmoniz.edu.pt

1. Al-Hashimi K, Said UN, Khan TN. Formative Objective Structured Clinical Examinations (OSCEs) as an Assessment Tool in UK Undergraduate Medical Education: A Review of Its Utility. Cureus. 2023;15(5):e38519.; 2. Pierre RB, Wierenga A, Barton M, Branday JM, Christie CD. Student evaluation of an OSCE in paediatrics at the University of the West Indies, Jamaica. BMC Med Educ. 2004;4:22.; 3. Pierre RB, Wierenga A, Barton M, Thame K, Branday JM, Christie CD. Student self-assessment in a paediatric objective structured clinical examination. West Indian Med J. 2005;54(2):144-8.; 4. Fawaz M, Alsalamah Y. Perceptions of Lebanese nursing students and examiners regarding the Objective Structured Clinical Examination Method (OSCE) in nursing fundamentals: A mixed method study. International Journal of Africa Nursing Sciences. 2021;15.