Participant Information Sheet (EN)

Study Title: Comparative Efficacy of Video-Based Case Learning with Patient-Clinician Interactions Versus Traditional Teaching Methods on Educational Outcomes Among Dental Students: A Randomized Controlled Trial

Introduction: You are invited to take part in a research study into different teaching methods to improve dental education. This participant information sheet will tell you about the study, what is expected of you and your rights as a participant. Please read this information carefully and feel free to ask any questions you may have before agreeing to participate.

Purpose of the Study: This study aims to compare the effectiveness of video-based case learning (with patient-clinician interactions) with traditional teaching methods on dental students' knowledge, clinical skills and attitudes towards dental practice. We are interested in understanding which teaching method may be most effective in improving the educational outcomes of dental students at different levels of training.

What Will You Be Asked to Do:

If you decide to take part in this study, you will be randomly allocated to one of two groups:

- Video-Based Case Learning Group: This group will participate in online learning sessions featuring pre-recorded real-life dental consultations and interactive case discussions.
- Traditional Teaching Group: This group will participate in the traditional classroom-based learning approach, including lectures and textbook-based content.

You will be asked to complete assessments at various points during the study to measure changes in knowledge, clinical skills and attitudes. These assessments will include questionnaires and self-report surveys, as well as ratings of your clinical performance using a structured rating scale.

Study Procedures and Time Commitment:

You will be asked to complete a baseline assessment before the intervention begins.
After the intervention, you will take part in post-intervention assessments immediately after the learning session has finished.
Additional follow-up assessments will be conducted at 6 months and 1 year after the intervention.
The total time commitment will be 1-2 hours per assessment session, spread over the course of the study.

Voluntary Participation: Participation in this study is completely voluntary. You may choose not to participate or withdraw at any time without consequence. If you choose not to participate or withdraw from the study, it will not affect your academic standing or your relationship with the researchers or your institution.

Confidentiality: All information collected in this study will be kept strictly confidential. Data will be anonymised and stored securely to protect your privacy. The results of the study may be published or presented in an academic setting, but no personal information will be included.

Potential Risks and Benefits: There are no significant risks associated with taking part in this study. Your participation will contribute to research that may help improve educational methods for dental students. However, the study may require your time and effort to complete the assessments.

Contact Information: If you have any questions or require further information about the study, or if you wish to withdraw from the study at any time, please contact the study coordinator at mmorgado@egasmoniz.edu.pt.

Ethical Approval: This study has been reviewed and approved by the Comissão de Ética Egas Moniz. If you have any concerns about the ethical conduct of the study, you may contact mmarnoto@egasmoniz.edu.pt.

Consent: If you agree to participate, you will be asked to sign a consent form, indicating that you have understood the information provided and agree to participate in the study.

Thank you for considering participating in this study!