

## Informed Consent Form for Participation in a Clinical Study Protocol

Title: The effect of gamification on antimicrobial resistance knowledge in Saudi Arabia Version: 1

Study Sponsor: Not applicable.

Chief Investigator: Dr. Khalid Aboalshamat You are invited to participate in the study because you are (a) Arabic speakers (b) older than 18 years old, and (c) Agree to participant in the intervention and answer all the questionnaires.

Aims of the study: Assess the level of awareness of two different methods to increase the awareness of antimicrobial resistance: gamification versus conventional lecture.

Number of expected participants: 112

Participation is voluntary: You are completely free to choose whether to join the study or not. Your decision will not affect your relation by Umm Al-Qura University.

If you decide to participate in this study you will randomly into a group of two: gamification, where you play a game, or attend a lecture. Both groups contain information about antimicrobial resistance and its relation to dentistry. Both will take around 20-30 minutes in Friends Association Charitable Society, Makkah, Saudi Arabia. Questionnaire will be given 3 time, before the intervention, after the intervention, and after the intervention with a month.

Expected benefits: Gain knowledge about antimicrobial resistance. Also, all participants will go for 50 Saudi Riyal draw.

Expected risks: Not applicable.

Freedom of withdrawal: You have the right of withdrawal from study any time without explaining cause of withdrawal.

Study revision and approval: This study was revised and approved by a special board of experts at UQUDENT (the Institutional Review Board-IRB or research ethics committee).

How information and results will be used: The result of this study will be published in a scientific journal or conference to be used for public knowledge.

Confidentiality: Your name will not be used in this study, and each participants will have a numerical code. For further information, you can contact Dr. Khalid Aboalshamat (ktaboalshamat@uqu.edu.sa)