



Pilot Study healthcare practitioner's clinical trials competency

INTRODUCTION

What are Clinical Trials & Why do we need them?

A prospective experiment comparing the effect and value of intervention(s) against a control in human participants

- Intervention
 - Drug
 - Procedure
 - Device
- A properly planned and executed clinical trial is the best experimental technique for assessing the effectiveness of an intervention. It also contributes to the identification of possible harms
- Gold standard to test intervention
- Basis for drug approval by regulatory agencies like Saudi FDA

OBJECTIVES

1- To evaluate Saudi healthcare practitioners' clinical trials competency

2- To identify factors that are associated with different clinical trials competency domains for Saudi healthcare practitioners

METHODS

Study design: Cross-sectional study using an online survey be based on the Joint Task Force Core Competency Framework for clinical research professionals which is made up of 54 question representing 8 competency domains that cover knowledge, skills, and attitudes necessary for conducting clinical research. These domains include:

- 1. Scientific Concepts and Research Design**
- 2. Ethical and Participant Safety Considerations**
- 3. Investigational Products Development and Regulation**
- 4. Clinical Study Operations (Good Clinical Practice)**

RESULTS

Based on the responses (12 responses) with a mean age of 24 year old half female and half male and most are Saudi from different professions. We found that most of the participants did not conduct any clinical trials before, but most of the participants are willing to do clinical trials in the future.

DISCUSSION & CONCLUSIONS

This study was made to test health care practitioners clinical trial's knowledge This is a pilot study to test our research protocols and data collection instruments, sample recruitment strategies, and other research techniques in preparation for a larger study.

REFERENCES

[IQVIA 2019 report](#)