

CONSORT checklist

Title and Abstract

1a. Title

Identification as a mixed method's pilot study

1b. Abstract

Structured summary of study design, methods, results, and conclusions

Introduction

2a. Background

Scientific background and explanation of rationale

2b. Objectives

Specific objectives or hypotheses

Methods

3a. Study Design

Description of trial design (pilot slide test, online survey)

4a. Participants

Pilot slide examination was restricted to residents in their final years of training (PGY4,PGY5)

4b. Study settings

Test was performed in seven centres across Canada

5. Interventions

The interventions for each group with sufficient details to allow replication

6a. Outcomes

The results of both glass and digital slides were comparable

7a. Sample size

The sample size represents the actual number of senior residents available in that year

7b. Interim analyses and stopping guidelines

8. Randomisation

Who generated the allocation sequence, who enrolled participants, and who assigned participants to interventions

9. Blinding :

Evaluator was blinded to the results

10. Statistical methods

Statistical analyses were conducted with SPSS for windows, version 20. The effects of group A slides versus group B slides and glass versus digital formats were assessed using a two factor ANOVA (factor 1=glass versus digital, factor 2 = group A slides versus group B slides).

Estimated marginal means are presented to show the independent contributions of these two factors.

11.Results

12. Participant Flow

13. Losses and exclusions

For each group, losses and exclusions after randomization, together with reasons

14. Numbers analyzed

15. Outcomes and estimation

results for each group, and the estimated effect size and its precision (such as 95% confidence interval)

16. Binary outcomes

17. Discussion

18. Limitations

Trial limitations

19. Generalizability

Generalizability (external validity, applicability) of the study findings

20. Interpretation