

Introduction

Risk for Unstable Blood Glucose Level (00179) is a common Nursing Diagnosis in hospitalized patients. The nursing care assistance has as interventions the Hypo/Hyperglycemia Management, through the blood glucose measurement, an invasive procedure that requires training of the student. The COVID-19 pandemic limited the teaching of practice, requiring teaching non-face-to-face.

Objective

To develop an audiovisual educational tool as an instrument for teaching about the blood glucose measurement technique in hospital context.

Methods

Methodological study carried out from October/2021 to August/2022. The tool was developed in four stages:

- Conceptualization, Development, Implementation and Evaluation.
- The evaluation results were analyzed by the Content Validity Index, considered adequate CVI ≥ 0.8 .
- The research was approved by the Research Ethics Committee..

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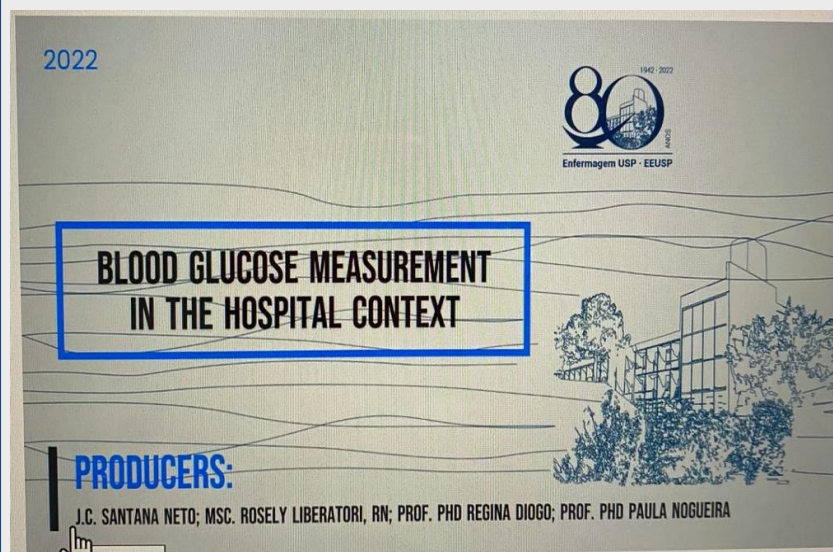
Developing an Audiovisual Tool for Teaching Blood Glucose Measurement in Hospital Context

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Results

The audiovisual educational tool developed was a 7min33sec video, containing 6 parts: Part 1– Verification of Nursing Prescription; Part 2– Preparation of the materials; Part 3– Patient's Approach; Part 4– Blood Glucose Measurement; Part 5– Disposal of materials; Part 6– Annotation and Interpretation of the Obtained Result. .



The video was evaluated by 13 experts and 17 students, it was considered adequate with an average CVI equal to $0.95(\pm 0.14)$ and $0.988(\pm 0.06)$, respectively. Adjustments were made according to received suggestions.



<https://youtu.be/4gL8AbV74R8>

Conclusion

It was possible to develop the audiovisual tool for teaching capillary glucose measurement in the hospital context. The video can be used as a non-face-to-face teaching tool to complement skills training.

References

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