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.

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(±0.14) and 0.988(±0.06), respectively. Adjustments were made according to received suggestions.

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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https://youtu.be/4gL8AbV74R8