

## **ABSTRACT**

### **Development and validation of educational video for the patient with head and neck cancer**

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**Background:** The cancer of head and neck is one of the ten most frequent in Brazil, affects about 1.7% of the population. The treatments may result in functional and aesthetic deficiencies, depending on the location and staging of the tumor. The educational activities are important in the process of adaptation and generation of skills for self-management. **Hypotheses:** describe the development and validation of educational video about care for the treatment of head and neck cancer. **Methods:** A descriptive study. The construction of the video was prepared in five stages: Analysis and planning; modeling; Implementation; Finally review and maintenance and distribution. A script was validated by eight judges, health professionals and experts in oncology and head and neck surgery. The research project was approved by the Research Ethics Committee, protocol 554,220. **Results:** validation by expert judges scores were equal to or greater than 87.5%. The adjustments requested by the judges were accepted in full. It was also performed the statistical free-marginal kappa test for multiple assessors who was equal to 68%, which gives a substantial agreement. The steps taken in the course of construction and validation of the video show is suitable and capable of being used in other themes.

**Key words:** self-care, chronic disease, health education, head and neck cancer, provision of health care