



Nurse performance in viral oncolytic therapy

Atuação do enfermeiro na terapia oncolítica viral

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ABSTRACT

Introduction: Viral oncolytic therapy (VOT) is an emerging approach in cancer treatment, which is based on the selective replication of a viral vector inside cancer cells, triggering the death of tumor cells by lysis and the spread of new viral particles to the remaining adjacent malignant cells. However, special care is needed from nurses to manage immune-mediated side effects and provide support and education to patients and their families during treatment. **Objectives:** To survey the nurse's performance in the face of VOT; propose a model of Systematization of Nursing Care (SNC) with the main nursing diagnoses related to VOT. **Methods:** This is a qualitative literature review, using as a primary source of research the databases - CAPES, PubMed, Scielo, BVS. Composing a sample of 39 articles relevant to the formulation of this article. **Results:** Although there is a significant scientific production on nursing care in the oncological context, there are still few studies that specifically address the SNC related to TOV and immunotherapies. In view of this and considering and need to fill this gap, an SNC model is proposed, considering the oncologic patient in the face of a holistic view. Regarding the adverse reactions associated with therapy, it is of paramount importance, and the implementation of SNC as a structured care process can contribute significantly to the excellence of care for cancer patients undergoing this innovative therapy, with the main nursing diagnoses related to OVT. **Conclusion:** The integration of scientific knowledge, clinical skills and a humanized approach strengthens the role of nurses as a fundamental part of the multidisciplinary team in the treatment of cancer through OVT.

Keywords: Nurse, Oncolytic viruses, Immunotherapy, Immune system.