

Quality of Life (QOL) Among Jordanian Cancer Patients with Oral Mucositis: A Cross-Sectional Study

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ABSTRACT

Background: oral mucositis is considered as one of the most common complication that affecting the cancer patients during treatment period. **Aim :** The purpose of this study was to explore the relationship between incidence and severity of oral mucositis and (1) selected patient-related factors such as (age, gender, oral health and hygiene, salivary secretary function, body mass index, renal function, cancer type (site), and cancer complications. (2) Selected treatment-related factors such as (chemotherapy agents, chemotherapy dose, radiation site, radiation fractionation number, duration between fractionation and combined modality), and (3) quality of life among Jordanian cancer patients. **Method:** Descriptive correlational, cross-sectional study was used. A sample of 100 patients with different types of cancer from AL-Bashir hospital was recruited. **Findings:** the results showed significant relationship between patient-related factors, and incidence and severity of oral mucositis, in addition, a significant relationship between treatment-related factors and incidence and severity of oral mucositis, finally, oral mucositis has a negative impact on patient's QOL. **Conclusion:** oral mucositis is considered a serious, common, and costly complication among cancer patients. Patient's characteristics and treatment-related factors were played a key role in increasing incidence and severity of oral mucositis.

Keywords - oral mucositis, cancer, patient-related factors, treatment-related factors.