

PATIENT SELF-EFFICACY AND ITS ASSOCIATION WITH THE QUALITY OF LIFE IN CANCER PATIENTS RECEIVING CHEMOTHERAPY AT PIRNGADI HOSPITAL, MEDAN

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ABSTRACT

Background: The quality of life is one of the most concerning health issues for oncology patients. Self-efficacy is a mechanism through which self-management can be achieved. Quality of life is adversely impacted by multi-morbidity but could be improved by effective self-management. This study aimed to analyze the relationship between self-efficacy and the quality of life of cancer patients following chemotherapy.

Subject and Method: This was a cross-sectional study conducted at Pirngadi Hospital, Medan, North Sumatera. A total of 47 cancer patients who underwent at least a second chemotherapy aged ≥ 18 years was selected. The dependent variable was the quality of life. The independent variable was self-efficacy. Self-efficacy was measured by Cancer Behavior Inventory-B. Quality of life was measured by FACT-G Version-4. The data were analyzed using odds ratio and the chi-square test.

Results: Quality of life was positively associated with self-efficacy in cancer patients (OR= 2.37; $p= 0.023$).

Conclusion: Quality of life is positively associated with self-efficacy in cancer patients.

Keywords: self-efficacy, quality of life, cancer, chemotherapy

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