

ABSTRACT

THE RELATIONSHIP OF DEMOGRAPHIC CHARACTERISTICS AND CHEMOTHERAPY REGIMEN ON QUALITY OF LIFE OF BREAST CANCER PATIENTS AT JENDRAL AHMAD YANI HOSPITAL DURING THE MARCH 2023 PERIOD

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Background: Breast cancer is a type of cancer with the highest number of sufferers in Indonesia. Chemotherapy aims to stop the growth of cancer cells. Chemotherapeutic agents are known to cause various side effects that affect the quality of life. The purpose of this study was to determine the relationship between chemotherapy regimens and patient demographic characteristics and quality of life in breast cancer patients.

Method: This type of research is an analytic survey with a cross-sectional approach. The number of samples 100 was obtained by purposive sampling method at the Surgical Oncology Polyclinic of Jendral Ahmad Yani General Hospital from February to March 2023. The quality of life was measured using the European Organization for Research and Treatment of Cancer Quality of Life Core Questionnaire-C30 (EORTC QLQ-C30) Data analysis was performed using the chi-square and kruskal Wallis tests..

Results: The results showed that the average quality of life for breast cancer chemotherapy patients was in the moderate category with a score of 792.03. The results of statistical tests showed that there was no relationship between chemotherapy regimens and quality of life ($p=0.755$). Age factor was significantly related to the quality of life ($p=0.043$), while education level ($p=0.094$), cancer stage ($p=0.405$), and marital status ($p=0.185$) were not significantly related to the quality of life.

Conclusion: There is no relationship between chemotherapy regimens and the quality of life of breast cancer patients at the Oncology Surgery Polyclinic at Jendral Ahmad Yani Metro Hospital from February to March 2023.

Keywords: Breast Cancer, Chemotherapy Regimen, Side Effects of Chemotherapy and Quality of Life.

ABSTRAK

HUBUNGAN ANTARA KARAKTERISTIK DEMOGRAFI DAN REGIMEN KEMOTERAPI TERHADAP KUALITAS HIDUP PASIEN KANKER PAYUDARA DI RSUD JENDRAL AHMAD YANI PERIODE MARET 2023

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Latar Belakang: Kanker payudara merupakan jenis kanker dengan jumlah penderita terbanyak di Indonesia. Kemoterapi bertujuan untuk menghentikan pertumbuhan sel kanker. Agen kemoterapi diketahui menimbulkan berbagai efek samping yang mempengaruhi kualitas hidup. Tujuan penelitian ini untuk mengetahui hubungan antara regimen kemoterapi dan karakteristik demografi pasien dengan kualitas hidup pada pasien kanker payudara.

Metode: Jenis penelitian adalah survei analitik dengan pendekatan *cross-sectional*. Jumlah sampel sebesar 100 didapatkan dengan metode *purposive sampling* di Poli Bedah Onkologi RSUD Jendral Ahmad Yani periode Februari sampai dengan Maret 2023. Pengukuran kualitas hidup dilakukan dengan menggunakan kuesioner *The European Organization for Research and Treatment of Cancer Quality of Life Core Questionnaire-C30* (EORTC QLQ-C30). Analisis data dilakukan dengan uji *chi square* dan *kruskal wallis*

Hasil: Hasil penelitian didapatkan rata-rata kualitas hidup pasien kemoterapi kanker payudara berada dalam kategori sedang dengan skor sebesar 792,03. Hasil uji statistik menunjukkan tidak terdapat hubungan antara regimen kemoterapi dengan kualitas hidup ($p=0.755$). Faktor usia berhubungan signifikan dengan kualitas hidup ($p=0,043$), sedangkan tingkat pendidikan ($p=0,094$), stadium kanker ($p=0,405$), dan status marital ($p=0,185$) tidak berhubungan signifikan dengan kualitas hidup

Simpulan: Tidak terdapat hubungan antara regimen kemoterapi dengan kualitas hidup pasien kanker payudara di Poli Bedah Onkologi RSUD Jendral Ahmad Yani Metro periode Februari sampai Maret 2023.

Kata kunci: Efek Samping Kemoterapi, Kanker Payudara, Kualitas Hidup dan Regimen Kemoterapi.