

SKRIPSI

**HUBUNGAN GEJALA AKIBAT KEMOTERAPI DENGAN KUNJUNGAN
EMERGENCY, LENGTH OF STAY, DAN KUALITAS HIDUP PADA ANAK
LEUKEMIA LIMFOBLASTIK AKUT DI RSUP DR. M. DJAMIL
PADANG**

Penelitian Keperawatan Anak



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**FAKULTAS KEPERAWATAN
UNIVERSITAS ANDALAS
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LEUKEMIA LIMFOBLASTIK AKUT DI RSUP Dr. M. DJAMIL PADANG**

ABSTRAK

Anak yang menderita leukemia limfoblastik akut (LLA) selama menjalani pengobatan kemoterapi melaporkan banyak gejala, dan menimbulkan morbiditas seperti kunjungan *emergency* dan *length of stay* (LOS) yang lama, serta mempengaruhi kualitas hidupnya. Tujuan penelitian ini adalah untuk mengetahui hubungan arah dan kekuatan antara gejala akibat kemoterapi dengan kunjungan *emergency*, LOS, dan kualitas hidup pada anak LLA di RSUP Dr.M.Djamil Padang. Penelitian ini menggunakan desain *cross sectional study*. Sampel penelitian ini adalah orang tua dan anak LLA yang berjumlah 47 orang dan menggunakan teknik *accidental sampling*. Penelitian ini menggunakan kuesioner SSPedi (*Symptom Screening in Pediatrics*) dan PedsQL™ 3.0 *Cancer Module*, serta catatan rekam medis dan wawancara orang tua. Hasil penelitian didapatkan bahwa skor rata-rata gejala akibat kemoterapi, kunjungan *emergency*, *length of stay*, dan kualitas hidup adalah 31,00; 0,00; 3,00; dan 58,65. Uji *Spearman* menunjukkan adanya hubungan yang bermakna, sedang dan positif antara gejala akibat kemoterapi dan kunjungan *emergency* dengan nilai ($p = 0,000$) dan ($r = 0,569$). Adanya hubungan yang bermakna, sedang dan positif antara gejala akibat kemoterapi dan LOS dengan nilai ($p = 0,005$) dan ($r = 0,400$). Adanya hubungan yang bermakna, kuat dan negatif antara gejala akibat kemoterapi dan kualitas hidup dengan nilai ($p = 0,000$) dan ($r = -0,636$). Diharapkan perawat dapat melakukan manajemen gejala dan memberikan edukasi kepada orang tua anak untuk meringankan gejala yang dirasakan anak selama menjalani kemoterapi, sehingga dapat meminimalisir kunjungan *emergency* dan LOS yang memanjang, serta meningkatkan kualitas hidup pada anak LLA.

**Kata Kunci : Gejala Akibat Kemoterapi, Kualitas Hidup, Kunjungan
Emergency, Length of Stay, Leukemia Limfoblastik Akut**

Daftar Pustaka : 118 (2009-2023)

**FACULTY OF NURSING
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**THE RELATIONSHIP BETWEEN SYMPTOMS DUE TO CHEMOTHERAPY
AND EMERGENCY VISITS, LENGTH OF STAY, QUALITY OF LIFE IN
CHILDREN WITH ACUTE LYMPHOBLASTIC LEUKEMIA AT RSUP Dr.
M. DJAMIL PADANG**

ABSTRACT

Children suffering from acute lymphoblastic leukemia (LLA) during chemotherapy treatment report many symptoms, and cause morbidity such as emergency visits and long length of stay (LOS), and affect their quality of life. The purpose of this study was to determine the direction and strength of the relationship between chemotherapy due to symptoms with emergency visits, LOS, and quality of life in LLA children at Dr.M.Djamil Padang Hospital. This study used a cross sectional study design. The samples of this study were parents and children of LLA totaling 47 people and using accidental sampling technique. This study used the SSPedi (Symptom Screening in Pediatrics) questionnaire and PedsQLTM 3.0 Cancer Module, as well as medical records and parent interviews. The results showed that the mean scores of symptoms due to chemotherapy, emergency visits, length of stay, and quality of life is 31.00; 0.00; 3.00; and 58.65. Spearman test showed a significant, moderate and positive relationship between symptoms due to chemotherapy and emergency visits with a value of ($p = 0.000$) and ($r = 0.569$). There is a significant, moderate and positive relationship between symptoms due to chemotherapy and LOS with a value of ($p = 0.005$) and ($r = 0.400$). There is a significant, strong and negative relationship between symptoms due to chemotherapy and quality of life with a value of ($p = 0.000$) and ($r = -0.636$). It is expected that nurses can perform symptom management and provide education to parents to alleviate the symptoms felt by children during chemotherapy, so as to minimize emergency visits and prolong LOS, and improve quality of life in ALL children.

Keywords : Symptoms due to Chemotherapy, Quality of Life, Emergency Visits, Length of Stay, Acute Lymphoblastic Leukemia

Bibliography : 118 (2009-2023)