

## ABSTRAK

### Faktor yang Memengaruhi Durasi Rawat Inap Pasien *Renal Cell Carcinoma* Pasca Operasi Nefrektomi di RSUD DR. H. Abdul Moelek

Oleh

Haikal Shiddiq

**Latar belakang:** Nefrektomi adalah tindakan pengangkatan ginjal yang umum digunakan sebagai baku emas dalam penanganan kasus kanker ginjal. Menurut data dari seluruh rumah sakit di Indonesia, terdapat 2.394 kasus kanker ginjal tercatat pada tahun 2020. Pasien yang menjalani operasi ini tentu memerlukan perawatan inap untuk pemulihan, dengan durasi perawatan bervariasi tergantung pada beberapa faktor, seperti usia, jenis kelamin, stadium ginjal, kadar Hb, kadar kreatinin, kadar GDS, dan tekanan darah.

**Tujuan:** Penelitian ini bertujuan untuk menganalisis hubungan antara usia, jenis kelamin, stadium ginjal, kadar Hb, kadar kreatinin, kadar GDS, dan tekanan darah dengan durasi rawat inap pada pasien batu ginjal pasca operasi terbuka di RSUD Dr. H. Abdul Moeloek.

**Metode:** Penelitian ini menggunakan metode analitik deskriptif dengan pendekatan *cross sectional*. Sampel penelitian sebanyak 25 orang yang ada di wilayah kerja RSUD Dr. H. Abdul Moeloek diambil menggunakan metode total sampling.

**Hasil:** Hasil analisis menunjukkan bahwa 60% responden memiliki durasi rawat inap kurang dari 4 hari, sementara 40% lainnya menginap selama 4 hari atau lebih. Variabel yang berhubungan dengan durasi rawat inap pada pasien kanker ginjal pasca nefrektomi di RSUD Dr. H. Abdul Moeloek meliputi kadar Hb (*p value* 0,040), kadar kreatinin (*p value* 0,041), dan nilai tekanan darah (*p value* 0,049). Sementara itu variabel yang tidak memiliki hubungan yaitu usia (*p value* 0,358), jenis kelamin (*p value* 0,659), kadar GDS (*p value* 0,241), dan stadium kanker ginjal (*p value* 0,01).

**Kesimpulan:** Kadar Hb, kadar kreatinin, dan nilai tekanan darah diketahui memiliki hubungan terhadap lama rawat inap pada pasien kanker ginjal pasca operasi nefrektomi di RSUD Dr. H. Abdul Moeloek.

**Kata Kunci:** nefrektomi, kanker ginjal, lama rawat inap

**Factors Affecting the Length of Hospital Stay for Renal Cell Carcinoma  
Patients Following Nephrectomy at DR. H. Abdul Moeloek Regional  
General Hospital**

**By**

**Haikal Shiddiq**

**Background:** Nephrectomy is a surgical procedure involving the removal of the kidney and is commonly regarded as the gold standard treatment for kidney cancer. According to data from hospitals across Indonesia, 2,394 cases of kidney cancer were recorded in 2020. Patients undergoing this surgery require hospitalization for recovery, with the length of stay varying based on several factors, including age, gender, kidney cancer stage, hemoglobin levels, creatinine levels, blood glucose levels, and blood pressure.

**Objective:** This study aims to analyze the relationship between age, gender, kidney cancer stage, hemoglobin levels, creatinine levels, blood glucose levels, and blood pressure with the length of hospital stay in kidney stone patients after open surgery at Dr. H. Abdul Moeloek Regional General Hospital.

**Methods:** This research employs a descriptive-analytic method with a cross-sectional approach. A total of 25 participants within the service area of Dr. H. Abdul Moeloek Regional General Hospital were selected as the sample using the total sampling method.

**Results:** The analysis revealed that 60% of respondents had a hospital stay of less than 4 days, while the remaining 40% stayed for 4 days or more. Variables associated with the length of hospital stay for kidney cancer patients following nephrectomy at Dr. H. Abdul Moeloek Regional General Hospital included hemoglobin levels (p-value: 0.040), creatinine levels (p-value: 0.041), and blood pressure values (p-value: 0.049). In contrast, variables that showed no significant association were age (p-value: 0.358), gender (p-value: 0.659), blood glucose levels (p-value: 0.241), and kidney cancer stage (p-value: 0.010).

**Conclusion:** Hemoglobin levels, creatinine levels, and blood pressure values were found to be significantly associated with the length of hospital stay for kidney cancer patients following nephrectomy at Dr. H. Abdul Moeloek Regional General Hospital.

**Keywords:** nephrectomy, kidney cancer, length of hospital stay