

# Hubungan antara lama waktu tunggu operasi dengan status performa dan perburukan klinis pasien Kanker ovarium stadium lanjut di RSUPNCM = Association between waiting time for operation with performance status and clinical worsening on Ppatients with ovarian cancer in Cipto Mangunkusumo National Hospital

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## Abstrak

Latar Belakang: Kanker ovarium merupakan salah satu keganasan dengan kematian tertinggi pada wanita di seluruh dunia. Seringkali pasien datang dengan stadium lanjut dan memerlukan penanganan segera. Akan tetapi, terdapat berbagai penyebab terjadinya pemanjangan waktu tunggu operasi. Hal ini mungkin dapat menyebabkan perburukan klinis saat dilakukan tindakan operatif pada pasien.

Tujuan: Menentukan hubungan antara lama waktu tunggu operasi dengan perburukan klinis pada pasien kanker ovarium stadium lanjut.

Metode: Penelitian kohort retrospektif dilakukan di Rumah Sakit Umum Pusat Nasional dr. Cipto Mangunkusumo, Jakarta, Indonesia pada Januari 2019 hingga Juni 2019. Pasien kanker ovarium stadium lanjut yang dilakukan tindakan operatif diikutsertakan pada penelitian. Pasien yang terbukti tidak memiliki kanker ovarium stadium lanjut pada pemeriksaan histopatologi atau memiliki penyakit komorbiditas berat lainnya dieksklusi dari penelitian. Karakteristik dasar, waktu tunggu, status performa berdasarkan ECOG score, kadar haemoglobin dan albumin dasar, status nyeri, dan indeks massa tubuh dikumpulkan dan dilakukan analisis secara statistik.

Hasil: Didapatkan 90 subyek penelitian yang memenuhi kriteria inklusi dan tidak memenuhi kriteria eksklusi. Didapatkan 25,6% subyek mengalami perburukan status performa, 11,1% mengalami perburukan haemoglobin, 61,1% mengalami perburukan albumin, 14,4% mengalami perburukan nyeri, 32,2% mengalami perburukan indeks massa tubuh, dan 77,8% mengalami perburukan klinis. Didapatkan nilai cutoff 73 hari untuk menentukan pemanjangan waktu tunggu operasi.

Kesimpulan Terdapat hubungan bermakna antara waktu tunggu terapi dengan perburukan klinis pasien kanker ovarium stadium lanjut.

.....Background: Ovarian cancer is one of the highest fatalities for cancer in women worldwide. Patients often come in an advanced stage and require immediate treatment. However, there are various causes for the extension of the waiting time for surgery. This might cause clinical deterioration during the operation.

Objective: To determine the relationship between the length of time waiting for surgery and clinical deterioration in patients with advanced ovarian cancer.

Methods: A retrospective cohort study conducted at the National Center General Hospital Dr. Cipto Mangunkusumo, Jakarta, Indonesia from January 2019 to June 2019. Patients with advanced stages of ovarian cancer who performed operative measures were included in the study. Patients who were proven not having advanced ovarian cancer on histopathological examination or had other severe comorbidities were excluded from the study. Baseline characteristics, waiting time, performance status based on ECOG score, haemoglobin and albumin levels, pain status, and body mass index were collected and analyzed statistically.

Results: There were 90 study subjects who met the inclusion criteria and did not meet the exclusion criteria.

A total of 25.6% of subjects experienced a worsening of performance status, 11.1% experienced worsening of hemoglobin, 61.1% experienced worsening of albumin, 14.4% experienced worsening pain, 32.2% experienced a worsening of body mass index, and 77.8% experiencing clinical deterioration. A cutoff value of 73 days is obtained in order to determine the lengthening of the operating waiting time.

**Conclusion** There is a significant relationship between the waiting time of therapy with clinical deterioration in patients with advanced ovarian cancer.