

# Evaluasi Penurunan Fungsi Ginjal Pasien yang Mendapatkan Kemoterapi Cisplatin di Rumah Sakit Kanker Dharmais Jakarta Periode Juli-Desember 2012 = Renal Functional Decline Evaluation of Patients Treated with Cisplatin Chemotherapy in Dharmais Cancer Hospital Jakarta Period July-December 2012

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## Abstrak

Penggunaan cisplatin sebagai agen kemoterapi menyebabkan efek samping berupa nefrotoksisitas yang perlu mendapatkan perhatian serta penanganan khusus. Nefrotoksisitas akan memengaruhi fungsi ginjal pasien yang ditandai dengan adanya penurunan Laju Filtrasi Glomerulus. Penelitian ini bertujuan untuk mengevaluasi penurunan fungsi ginjal pasien yang mendapatkan kemoterapi cisplatin di Rumah Sakit Kanker Dharmais Jakarta periode Juli – Desember 2012. Desain penelitian ini adalah cross-sectional dan pengambilan data retrospektif dilakukan dengan menggunakan rekam medik pasien. Sampel adalah pasien kanker yang mendapatkan kemoterapi cisplatin di Rumah Sakit Dharmais Jakarta periode Juli - Desember 2012. Pengambilan sampel sebanyak 53 pasien dilakukan secara consecutive sampling. Berdasarkan perhitungan klirens kreatinin pasien, persentase penurunan fungsi ginjal pasien yang mendapatkan kemoterapi cisplatin di Rumah Sakit Kanker Dharmais Jakarta periode Juli-Desember 2012 pasca kemoterapi siklus pertama sebesar 17,96%, pasca kemoterapi siklus kedua sebesar 18,29%, dan pasca kemoterapi siklus ketiga sebesar 21,11%.

.....Use of cisplatin as chemotherapeutic agent cause side effect such as nephrotoxicity that need attention and special handling. Nephrotoxicity will affect renal function characterized by impairment in glomerular filtration rate. This research aimed to evaluate the decrease in patient's renal function who got chemotherapy cisplatin at Dharmais Cancer Hospital. The research design was cross-sectional and retrospective by using the patient's medical record. Samples were cancer patients who got chemotherapy cisplatin in Dharmais Cancer Hospital period July to December 2012. Sampling was carried out as many as 53 patients with consecutive sampling. Based on the calculation of patient's creatinine clearance, percentage of decline in renal function of patients treated with Cisplatin Chemotherapy in Dharmais Cancer Hospital Jakarta Period July – December 2012 after the first chemotherapy was 17,96%, after the second chemotherapy was 18,29%, and after the third chemotherapy was 21,11%.