

## Efisiensi biaya pemeriksaan praoperasi elektif: Cost efficiency of elective preoperative examination

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### Abstrak

Tujuan : Mengetahui apakah HTA Indonesia 2003 sudah berjalan di departemen bedah RSCM dan mengetahui pengeluaran pemeriksaan rutin yang mungkin bisa ditekan. Meningkatkan kemampuan pemeriksaan fisik dan memilih pemeriksaan prabedah lebih selektif dan efisien.

Tempat : Rumah Sakit Cipto Mangunkusumo.

Metodologi : Penelitian ini merupakan penelitian cross-sectional dan data disajikan dalam bentuk deskriptif. Sebanyak 106 pasien diambil datanya dari status pasien yang masih dirawat (44 orang) dan dari status pasien rawat jalan (62 orang). Pengambilan subjek dengan consecutive sampling untuk yang masih dirawat dan acak sederhana pada pasien rawat jalan. Data yang dikumpulkan meliputi karakteristik pasien, sebaran penyakit/kelainan sistemik, sebaran pasien pra dan pascabedah, komplikasi pascabedah, permintaan foto toraks sesuai HTA dan rutin berikut biaya, penyakit sistemik yang mendasari pemeriksaan foto toraks, pemeriksaan darah rutin, pemeriksaan BTICT sesuai HTA dan rutin berikut biaya, pemeriksaan kimia darah sesuai HTA dan rutin berikut biaya, pemeriksaan foto torak dan darah sesuai HTA dan rutin.

Hasil : Berdasarkan karakteristik pasien kelompok yang sehat lebih banyak dari pasien dengan kelainan sistemik. Penyakit/kelainan sistemik terbanyak adalah kardiopulmonal diikuti tuberculosis dan anemia. Prabedah dalam kondisi baik dan tidak ada komplikasi pasca bedah. Terdapat perbedaan foto toraks HTA dan rutin ( 21 dan 85 dengan biaya Rp.1.050.000 dan Rp.4.250.000). Terdapat perbedaan pemeriksaan BTICT HTA dan rutin (2 dan 104 dengan biaya Rp.30.000 dan Rp.1.560.000). Terdapat perbedaan pemeriksaan kimia darah HTA dan rutin dengan biaya Rp.2.175.000 dan Rp.6.993.500 dan pemeriksaan kimia darah dan foto toraks menurut HTA dan rutin: 7 dan 99 dengan biaya Rp 2.525.000 dan Rp 12.803.500.

Kesimpulan : Pemeriksaan prabedah sesuai HTA belum berjalan.pemeriksaan rutin masih dominan dengan selisih biaya tiga sampai enam kali lebih mahal dari pemeriksaan sesuai HTA dan juga tidak efisien karena tidak terdapat komplikasi pascabedah.

*Objective:* The aim of this study was to know whether HTA Indonesia 2003 had been performed in the department of surgery RSCM and to know how much its cost for the preoperative routine examination. To improve physical examination and selective choosing preoperative examination based on physical findings.

Place: Cipto Mangunkusumo Hospital

Method: The design was descriptive and cross-sectional retrospective study. There was 44 patients in the ward room and 62 patients at out patient clinics all taken from the status. The sample was taken with consecutive sampling for patients who still in the ward and simple random for patients at out patients clinics. Data collected were characteristics of the patients, systemic diseases, preoperative and postoperative, complications, chest x-ray according HTA and routine with its cost, chest x-ray with systemic diseases, routine blood test, coagulation test, blood chemistry test routine and HTA, blood test and chest x-ray routine and HTA.

Results: Most patients were in good conditions. Systemic diseases were cardiopulmonary, tuberculosis, and anemia. Preoperative were in good conditions and there were no complications. There were differences between HTA and routine chest x-ray (21 and 85 with the cost Rp 1.050.000 and Rp 4.250.000), HTA and routine coagulation test were 2 and 104 with the cost Rp 30.000 and Rp 1.560.000, HTA and routine blood chemistry test were Rp.2.175.000 and Rp.6.993.000, HTA and routine chest x-ray and blood chemistry test were 7 and 99 with cost Rp 2.525.000 and Rp 12.803.500.

Conclusions: HTA preoperative examination had not been performed yet, routine preoperative test were dominant and were cost three and six times more expensive than HTA. There were no complications postoperatively, so routine preoperative test should be considered.