

# Determinan lama hari rawat pasien appendisitis yang menjalani appendektomi emergensi di RSUP Dr. Hasan Sadikin Bandung = Length of stay los determinants of appendicitis patient whom underwent open emergency appendicectomy at Hasan Sadikin General Hospital Bandung

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## Abstrak

Appendisitis merupakan kasus terbanyak dalam SMF Bedah Subspesialistik Bedah Digestif. LOS appendisitis ditemukan memanjang yaitu berkisar 3 hingga 9 hari. Tujuan penelitian adalah menentukan determinan LOS pada pasien appendisitis. Penelitian dilakukan pada 75 pasien appendisitis di RSHS, yang menjalani appendektomi emergensi periode Juli sampai dengan Oktober 2014. Parameter yang dinilai adalah LOS, sedangkan determinan diambil berdasar karakteristik pasien dan karakteristik layanan kesehatan. Hasil uji statistika menunjukkan tidak didapatkan hubungan pada seluruh determinan berdasar karakteristik pasien, yaitu usia, gender, diagnosa, orientasi dan posisi appendiks, ukuran panjang appendiks, riwayat kunjungan ke sarana kesehatan lain sebelumnya serta keterlambatan berobat dengan LOS yang memanjang lebih dari 5 hari. Berdasar karakteristik layanan kesehatan, ditentukan bahwa determinan keterlambatan tindakan, waktu pelaksanaan operasi, serta operator tidak berhubungan dengan pemanjangan LOS lebih dari 5 hari. Terdapat hubungan durasi operasi dan komplikasi paska operatif dengan LOS memanjang lebih dari 5 hari.

Analisa lebih detail memperlihatkan bahwa komplikasi paska operatif dipengaruhi oleh usia dan ukuran panjang appendiks, terdapat juga dugaan komplikasi paska operatif akibat memanjangnya durasi operasi. Sedangkan keterlambatan berobat berhubungan dengan kejadian appendisitis perforata.

<hr>Appendicitis were majority in digestive surgery division. We found LOS were varies ranging from 3 to 9 day, longer than 5 days in most cases. The objective is to determine factors contributed to LOS. Ressearch was performed to 75 samples whom underwent open emergency appendicectomy taken from july to October 2014 at Hasan Sadikin General Hospital Bandung . LOS was the dependent variables. LOS determination were emerged from patient characteristics and health care provider characteristics. Statistical test was done to all data results.

The results showed that patient age, gender, diagnose, appendiceal orientation and positioning, length of the appendix, previous visit and pre hospital delay were not contributed to LOS more than 5 days. Emerging from health care provider characteristic, in hospital delay, time operation was performed and operator were irrelevant to LOS, otherwise operating theathre timestamp and post operative complication were found relevant to LOS more than 5 days.

This study also reveals that patient age and length of the appendix contributed to the rate of post operative complication, that in turn indirectly contributing to LOS more than 5 days. Suspiciouly that duration operation may contribute to post operative complications. Similar study concluded pre hospital delay was highly significant predisposing to appendiceal perforation.