

## INTISARI

Pneumonia dan sepsis adalah penyakit *invasive diseases* dengan penyebab utama adalah bakteri *Streptococcus Pneumoniae*. Angka kejadian penyakit ini selalu meningkat pada setiap tahunnya. Dengan bertambahnya angka kejadian penyakit ini meningkat pula beban ekonomi yang digunakan untuk pengobatan. Penelitian yang dilakukan bertujuan untuk mengetahui biaya pengobatan *invasive diseases* yang meliputi biaya medis langsung, biaya nonmedis langsung, dan biaya tidak langsung serta perbandingan antara biaya medis langsung dengan tarif INA-CBG's sesuai dengan Permenkes RI Nomor 64 tahun 2016 pada pasien anak rawat inap di RSUD Wates dan RSUD Kharisma Paramedika.

Penelitian yang dilakukan menggunakan metode observasional dengan rancangan *cross sectional* menurut perspektif sosial. Pengambilan data dimulai pada bulan oktober 2017 sampai April 2018 dilakukan secara prospektif yaitu dengan melakukan wawancara dengan menggunakan kuisioner kepada orangtua pasien. Selanjutnya dilakukan penelusuran dokumen rekam medik dan data biaya pengobatan pasien *invasive disease* anak rawat inap di RSUD Wates dan RSUD Kharisma Paramedika. Analisis data yang digunakan adalah metode deskriptif dengan jumlah pasien di RSUD Wates sejumlah 35 pasien pneumonia dan 1 sepsis dan di RSUD Kharisma Paramedika sejumlah 36 pasien pneumonia dan 4 pasien sepsis. Pada perbandingan biaya medis langsung dengan tarif INA-CBG's menggunakan metode uji statistik *independent t-test* dan *Mann Whitney*.

Besarnya *cost of illness* pasien *invasive disease* anak yang meliputi biaya medis langsung, biaya nonmedis langsung, dan biaya tidak langsung di RSUD Wates sebesar Rp77.271.768 dan di RSUD Kharisma Paramedika sebesar Rp117.498.250 dengan komponen terbesar adalah biaya medis langsung. Perbandingan antara biaya medis langsung dengan tarif INA-CBG's di kedua rumah sakit diperoleh *p value* 0. Hasil ini menunjukkan bahwa terdapat perbedaan secara bermakna antara tarif INA-CBG's dengan biaya medis langsung.

**Kata Kunci:** *Invasive diseases, Pneumonia, Sepsis, Analisis biaya, Jaminan Kesehatan Nasional, INA-CBG's*

## **ABSTRACT**

Pneumonia and sepsis are invasive diseases with the main cause being the bacterium *Streptococcus Pneumoniae*. The incidence of this disease always increases every year. With the increase in the incidence of this disease also increases the economic burden used for treatment. The research aimed to find out the costs of invasive disease treatment which includes direct medical costs, direct nonmedical costs, and indirect costs and the comparison between direct medical costs and INA-CBG's tariffs in accordance with Republic of Indonesia Minister of Health Regulation Number 64 of 2016 in hospitalized pediatric patients in RSUD Wates and RSUD Kharisma Paramedika.

The study was conducted using an observational method with a cross sectional design according to a societal perspective. Data collection began in October 2017 until April 2018 conducted prospectively by conducting interviews using questionnaires to the parents of patients. Furthermore, a medical record document and data on the cost of medical treatment for invasive disease inpatients in Wates Hospital and Kharisma Paramedika Hospital were carried out. The data analysis used was descriptive method with a number of patients in Wates Hospital in a number of 35 pneumonia patients and 1 sepsis and in the Kharisma Paramedika General Hospital a number of 36 pneumonia patients and 4 sepsis patients. The comparison of direct medical costs with INA-CBG's uses the independent t-test and Mann Whitney statistical test methods.

The amount of cost of illness of invasive disease for children, which includes direct medical costs, direct nonmedical costs, and indirect costs in Wates Hospital is Rp.77,271,768 and in RSUD Kharisma Paramedika is Rp.117,498,250 with the largest component being direct medical costs. The comparison between direct medical costs and INA-CBG's rates in both hospitals was obtained p value 0. These results indicate that there are significant differences between INA-CBG's rates and direct medical costs.

**Keywords:** *Invasive diseases, Pneumonia, Sepsis, Cost analysis, National Health Insurance, INA-CBG's.*