

Validitas skor pelod 2 pada anak dengan sepsis di RSUPN Cipto Mangunkusumo = Validation of the pelod 2 score in children with sepsis at Cipto Mangunkusumo hospital

Ni Made Rini Suari, author

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Abstrak

Latar belakang : Definisi sepsis tahun 2016 adalah disfungsi organ yang mengancam kehidupan akibat disregulasi imun terhadap infeksi. Skor PELOD 2 digunakan untuk mengetahui disfungsi organ pada anak dengan sakit kritis.

Tujuan : Mengetahui validitas skor PELOD 2 pada disfungsi organ yang mengancam kehidupan pada sepsis dan titik potong optimal skor PELOD 2 terhadap luaran terutama mortalitas.

Metode : Penelitian dilaksanakan dari Januari sampai April 2017 di ruang intensif RSUPN Cipto Mangunkusumo. Pengambilan subjek dengan consecutive sampling dan penilaian skor PELOD 2 dilakukan pada 24 jam pertama. Subjek dipantau untuk mengetahui luaran.

Hasil : Diperoleh 52 subjek yang memenuhi kriteria. Nilai diskriminasi skor PELOD 2 adalah 0,85 IK 95 0,745-0,965, kalibrasi dengan Hosmer and Lemeshow test 69,2 p.

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Background . In 2016, a new definition of sepsis has been created that is a presence of life threatening organ dysfunction cause by a dysregulated host response to infection. PELOD 2 score is stated can be used to discover organ dysfunction in critical ill child.

Objective To discover validity PELOD 2 score to know life threatening organ dysfunction and cut off point of toward outcome of sepsis pediatric patient.

Methods This cross sectional study was conducted from January to April 2017 in Intensive Care Unit ICU of RSUPN Cipto Mangunkusumo. The selection of subject through consecutive sampling and evaluation of PELOD 2 score were performed in the first 24 hours. Subjects were monitored to know the outcome.

Results There were 52 subjects that fulfilled the criteria. Discrimination value of PELOD 2 score was 0.85 95 CI 0.745 0.965 and calibration which was tested by using Hosmer and Lemeshow test 69.2 p.