



INTISARI

Latar Belakang: Skor skrining Covid-19 RSUP Dr. Sardjito merupakan alat skrining untuk membantu mengidentifikasi pasien dengan kecurigaan infeksi Covid-19 yang dibuktikan dengan pemeriksaan swab RT-PCR. Namun validitas skor ini belum pernah diteliti.

Tujuan: Melakukan uji validasi skor skrining Covid-19 RSUP Dr. Sardjito dalam menskrining pasien diduga terinfeksi Covid-19 yang dikonfirmasi dengan hasil swab RT-PCR di RSUP Dr Sardjito Yogyakarta.

Metode: Penelitian ini menggunakan desain observasional kohort retrospektif studi. Pasien yang masuk kriteria inklusi yaitu usia diatas 18 tahun, dari tanggal 24 April 2020 sampai 31 Desember 2020.

Hasil: Jumlah sampel penelitian 705 pasien. Kemampuan diskriminasi dari skor skrining Covid-19 RSUP Dr Sardjito dinilai dengan AUC dan didapatkan hasil 0,556 (CI 95% : 0,51-0,61). Kemampuan kalibrasi didapatkan nilai *HL test* $p=0,001$ ($p<0,05$).

Kesimpulan: skor skrining Covid-19 RSUP Dr Sardjito memiliki kemampuan diskriminasi yang sangat lemah dan kalibrasi yang buruk sehingga skor skrining Covid-19 RSUP Dr Sardjito tidak valid dalam memprediksi hasil swab RT-PCR di RSUP Dr. Sardjito.

Kata Kunci: Covid-19, skor skrining, RT-PCR.

ABSTRACT

Background: *Dr. Sardjito's hospital Covid-19 screening score is a tool to assess patients who are suspected of being infected using RT-PCR swab examination. Unfortunately, there has never been researched regarding the validity.*

Objective: *Validating the Dr. Sardjito's hospital Covid-19 screening score to assess patients suspected of Covid-19 infection which was confirmed by the results of the RT-PCR swab at the Dr. Sardjito Hospital Yogyakarta.*

Method: *This study used an observational retrospective cohort design. Patients who were included in the inclusion criteria were those aged >18 years, from 24th April 2020 to 31th December 2020.*

Result: *The number of study samples was 705 patients. Discrimination ability of Dr. Sardjito's hospital Covid-19 screening score was assessed by AUC and the result was 0,556 (CI 95% : 0,51-0,61. Calibration ability obtained HL test value $p=0.001$ ($p<0.05$).*

Conclusion: *Dr. Sardjito's hospital Covid-19 screening score has a very weak discrimination ability and poor calibration, so the Dr. Sardjito's hospital Covid-19 screening score is invalid in predicting the results of RT-PCR swab at Dr. Sardjito Hospital Yogyakarta.*

Keywords: *Covid-19, screening score, RT-PCR*