

ABSTRAK

PROSEDUR PEMERIKSAAN *LDCT SCAN THORAX* PADA PASIEN
OTG DENGAN HASIL RAPID TEST REAKTIF

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Latar Belakang: Penilaian radiologi terhadap skrining pasien Covid-19 melalui *LDCT Scan Thorax* diharapkan mampu memberikan hasil yang terbaik, dengan memperhatikan prosedur khusus atas instruksi Radiologist pada kondisi darurat Covid-19.

Tujuan: Untuk mengetahui prosedur pemeriksaan LDCT Scan Thorax pada pasien OTG dengan hasil *Rapid Test* Reaktif.

Metode: Pengamatan ini merupakan studi kasus dengan pendekatan analisis deskriptif, yakni menggunakan data pasien yang telah dilakukan pemeriksaan LDCT Scan Thorax non kontras. Pasien satu orang dengan keluhan batuk lama yang tidak membaik selama satu bulan.

Hasil: Pemeriksaan tersebut menggunakan 80 kVp, 80 mAs, ketebalan irisan scan 2 mm, ketebalan irisan rekonstruksi 8 mm, FOV 330 mm, dengan waktu scan 18 detik. Pasien terlentang, diposisikan *feet first* dengan tangan di samping tubuh. Parameter tersebut memiliki nilai CTDIvol lebih rendah daripada literatur.

Kata kunci: LDCT Scan Thorax, Covid-19, Skrining

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ABSTRACT

THORAX LDCT SCAN EXAMINATION PROCEDURE IN PATIENTS
OF WITHOUT SYMPTOMS WITH REACTIVE RAPID TEST RESULTS

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Background: Radiological assessment of the screening of Covid-19 patients through the LDCT Thorax Scan is expected to provide the best results, by paying attention to special procedures based on radiological instructions in the Covid-19 emergency.

Purpose: To determine the procedure for the LDCT Scan of the Thorax in patients of without symptoms with the results of the Reactive Rapid Test.

Methods: This observation is a case study with a descriptive analysis approach, using patient data that had been subjected to non-contrast Thorax LDCT. The patient is one person with a long cough that does not improve for one month.

Results: The examination used 80 kVp, 80 mAs, slice thickness scan 2 mm, slice thickness of reconstruction 8 mm, FOV 330 mm, with a scan time of 18 seconds. The patient is supine, positioned feet first with your hands at body sides. This parameter has a lower CTDIvol value than the literature. Keywords: Thorax LDCT Scan, Covid-19, Screening

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