ABSTRACT

This Research of image CT-SCAN thorax with influence of window level and window width, to obtain, get value of window level and optimal window width lung window and mediastinum window, so that get image of CT-SCAN thorax which with image quality. Image of CT-SCAN thorax obtained for mediastinum window use window width 350, 400, 450, 500 HU. And Window level 50, 100, 150 HU. While for lung window use window width 1000, 1100 HU. The window level - 500, -600, -700, -800, -900, -1000 HU, by three observer. From the result of research image of CT-SCAN thorax for mediastinum window optimal at 350 HU and window level 50 HU. For lung window optimal at window width 1000 HU and window level - 500 HU. The result’s obtained inferential that there are influence of window width and window level at mediastinum window and lung window of image of CT-SCAN thorax, that is result of optimal image CT-SCAN thorax window width 350 HU window level 50 HU, for mediastinum window and window width 1000 HU, and window level - 500 HU

Keyword : CT-Scan, Chest, Window Width, Window Level, Mediastinum window, Lung Window.