



TITLE: Prognostic implications of chest CT severity score in COVID-19 pneumonia

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Research activity description: This study was realized to investigate the role of chest computed tomography (CT) findings in COVID-19 patients, in order to determine the optimal cut-off value of a CT severity score that can be considered a potential prognostic indicator of a severe/critical outcomes. CT findings were evaluated at three levels in both lungs, through a severity score that included the extent and the nature of CT abnormalities. The severity score range is 0-96. The research included 165 patients. The receiver operating characteristic curve analysis showed that a CT severity score of 38 predicted the Development of severe/critical disease. A CT severity score can help the risk stratification of COVID-19 patients.

Collaborators: DISCO; Università di Milano, ASST Fatebenefratelli-Sacco

