

Critical points of early detection and early intervention in the management of COVID-19

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Abstract

To reduce the mortality in patients suffering COVID-19, it is essential to urgently establish the clinical guideline in Japan for the management of high-risk patients with acute lung injury (ALI)/acute respiratory distress syndrome (ARDS). Based on recently published guidelines from China and Taiwan, we need to realize the importance of acute interstitial pneumonitis (AIP) as a key pathophysiological trigger of ALI/ARDS. Precise strategies for early detection and therapeutic intervention of AIP in such high-risk patients are suggested in this article. It is critical to evaluate the clinical usefulness of any novel drugs/therapies for COVID-19 by performing carefully designed clinical trials.

Key words

SARS-Cov-2, new coronavirus, COVID-19, acute lung injury, ARDS