

Open Access

Hiroshige Mikamo, Department of Clinical Infectious

Asai N, Mikamo H (2021) A Review on COVID-19 Severity from the Point of Radiological Findings and Host Immunity including Microbiome: Mini-Review. Diagnos Pathol Open 6: 191. Asai N, Mikamo H (2021) A Review on COVID-19 Severity from the Point of Radiological Findings and Host Immunity including Microbiome: Mini-Review. Diagnos Pathol Open 6: 191.

Page 3 of 4

of tomographic ndings in comparison to the general population [34]. e mean age was 30.4 years (range 17-49 years), which is not uncommon for pregnant women. As for the CT ndings, 69% and 77% of bilateral involvements and GGOs were seen in pregnant patients. Of note, consolidation and pleural e usions were seen in 41% and 30% respectively, which seems proportionally higher in comparison to

Asai N, Mikamo H (2021) A Review on COVID-19 Severity from the Point of Radiological Findings and Host Immunity including Microbiome: Mini-Review. Diagnos Pathol Open 6: 191.

Page 4 of 4

Ŗ

- Huang C, Wang Y, Li X, Ren L, Zhao J, et al. (2020) Clinical features of patients infected with 2019 novel coronavirus in Wuhan, China. Lancet 395: 497-506.
- Lai CC, Shih TP, Ko WC, Tang HJ, Hsueh PR (2020) Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) and coronavirus disease-2019 (COVID-19): The epidemic and the challenges. Int J Antimicrob Agents 55: 105924.
- Asai N, Sakanashi D, Nakamura A, Kishino T, Kato H, et al. (2020) Clinical manifestations and radiological features by chest computed tomographic fndings of a novel coronavirus disease-19 pneumonia among 92 patients in Japan. J Microbiol Immunol Infect 1182: 30168-30170.
- 4. World Health Organization (2020) Coronavirus disease 2019 (COVID-19) situation report 46.
- Ye Z, Zhang Y, Wang Y, Huang Z, Song B (2020) Chest CT manifestations of new coronavirus disease 2019 (COVID-19): A pictorial review. Eur Radiol 30: 4381-4389.
- Salehi S, Abedi A, Balakrishnan S, Gholamrezanezhad A (2020) Coronavirus Disease 2019 (COVID-19): A systematic review of imaging findings in 919 patients. Am J Roentgenol 215: 8787-8793.
- Ruuskanen O, Lahti E, Jennings LC, Murdoch DR (2011) Viral pneumonia. Lancet 377: 1264-1275.
- World Health Organization (2020) Report of the WHO-China joint mission on Coronavirus disease 2019 (COVID-19).
- Guan WJ, Liang WH, Zhao Y, Liang HR, Chen ZS, et al. (2020) Comorbidity and its impact on 1590 patients with COVID-19 in China: A nationwide analysis. Eur Respir J 55: 2000547.
- Helvaci N, Eyupoglu ND, Karabulut E, Yildiz BO (2021) Prevalence of obesity and its impact on outcome in patients with COVID-19: A systematic review and metaanalysis. Front Endocrinol 12: 598249.
- 11. Ruuskanen O, Lahti E, Jennings LC, Murdoch DR (2011) Viral pneumonia. Lancet 377: 1264-1275.
- Yang M, Meng F, Gao M, Cheng G, Wang X (2019) Cytokine signatures associate with disease severity in children with *Mycoplasma pneumoniae* pneumonia. Sci Rep 9: 17853.
- Asai N, Motojima S, Ohkuni Y, Matsunuma R, Nakashima K, et al. (2012) Early diagnosis and treatment are crucial for the survival of Pneumocystis pneumonia patients without human immunodef ciency virus infection. J Infect Chemother 18: 898-905.
- Asai N, Ohkuni Y, Matsunuma R, Otsuka Y, Kaneko N (2011) Radiological features of pneumocystis pneumonia (PCP) without HIV. Eur Respir J 38: p3669.
- 15. Pence BD (2020) Severe COVID-19 and aging: are monocytes the key? Geroscience 42: 1051-1061.

16.