

SINGAPORE MEDICAL COUNCIL CATEGORY 3B CME PROGRAMME (Code SMJ 202007B)

Question 1. Based on the latest published literature regarding the coronavirus disease 2019 (COVID-19) pandemic, what are the typical features of COVID-19 infection on computed tomography (CT) of the chest during the early stages of infection?

- (a) Ground glass opacities in a peripheral distribution.
- (b) Pulmonary consolidation with tree-in-bud changes.
- (c) Ground glass opacities in a perihilar distribution with cystic changes.
- (d) Cavitating nodules with pleural effusion.

Question 2. What are other possible differential diagnoses for a 'crazy paving' appearance?

- (a) *Pneumocystis* pneumonia.
- (b) Non-specific interstitial pneumonia.
- (c) *Klebsiella* pneumonia.
- (d) Acute respiratory distress syndrome.

Question 3. How are the imaging findings of COVID-19 pneumonia different from those of *Klebsiella* pneumonia? Chest CT findings of patients with COVID-19 pneumonia tend to have a:

- (a) Higher proportion of pulmonary lobar consolidation.
- (b) Higher proportion of mediastinal lymphadenopathy.
- (c) Higher proportion of pleural effusion.
- (d) Higher proportion of cavitory nodules.

Question 4. Which of the following imaging features can help to differentiate the diagnosis of cardiogenic pulmonary oedema from COVID-19 pneumonia?

- (a) Bilateral pleural effusions.
- (b) Presence of pulmonary upper lobe venous diversion.
- (c) Presence of 'crazy paving' opacities in the case of COVID-19 pneumonia.
- (d) Kerley B lines.

Question 5. Regarding the role of radiology in the diagnosis of COVID-19 infection:

- (a) A normal chest radiograph excludes COVID-19 infection.
- (b) Radiographic imaging, such as chest radiography and CT, can aid in the detection of COVID-19 pneumonia in unsuspected cases.
- (c) CT of the chest is now considered the gold standard for diagnosis.
- (d) Other roles of imaging in patient management during the COVID-19 pandemic include triaging of disease severity and survivorship, as well as the management of complications.

True False

Doctor's particulars:

Name in full: _____ MCR no.: _____

Specialty: _____ Email: _____

SUBMISSION INSTRUCTIONS:

Visit the SMJ website: <http://www.smj.org.sg/current-issue> and select the appropriate quiz. You will be redirected to the SMA login page.

For SMA member: (1) Log in with your username and password (if you do not know your password, please click on 'Forgot your password?'). (2) Select your answers for each quiz and click 'Submit'.

For non-SMA member: (1) Create an SMJ CME account, or log in with your SMJ CME username and password (for returning users). (2) Make payment of SGD 21.40 (inclusive of 7% GST) via PayPal to access this month's quizzes. (3) Select your answers for each quiz and click 'Submit'.

RESULTS:

(1) Answers will be published online in the SMJ September 2020 issue. (2) The MCR numbers of successful candidates will be posted online at the SMJ website by 10 September 2020. (3) Passing mark is 60%. No mark will be deducted for incorrect answers. (4) The SMJ editorial office will submit the list of successful candidates to the Singapore Medical Council. (5) One CME point is awarded for successful candidates. (6) SMC credits CME points according to the month of publication of the CME article (i.e. points awarded for a quiz published in the June 2020 issue will be credited for the month of June 2020, even if the deadline is in August 2020).

Deadline for submission (July 2020 SMJ 3B CME programme): 12 noon, 3 September 2020.