

## SINGAPORE MEDICAL COUNCIL CATEGORY 3B CME PROGRAMME (Code SMJ 201805B)

**Question 1.** Regarding the clinical auscultation findings of atrial septal defects (ASDs):

- (a) ASDs do not cause cardiac murmurs.
- (b) ASDs can cause a systolic ejection murmur that is best heard at the upper left sternal border.
- (c) ASDs do not cause continuous machinery murmurs.
- (d) ASDs do not cause widely split fixed S2.

True	False
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
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**Question 2.** Regarding ASD:

- (a) It is the most common congenital heart disease presenting in adulthood.
- (b) Early detection and closure of haemodynamically significant ASDs can help to reduce morbidity and mortality.
- (c) The diagnostic modality of choice is cardiovascular magnetic resonance imaging.
- (d) Transcatheter device closure is now an available treatment option.

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**Question 3.** Regarding the haemodynamics of ASDs:

- (a) It can allow right-to-left interatrial shunt flow, which explains paradoxical embolism.
- (b) It usually produces left-to-right interatrial shunt flow, because the left atrium has higher pressure than the right atrium.
- (c) Most ASDs are haemodynamically well tolerated and remain asymptomatic into adulthood.
- (d) A left-to-right interatrial shunt flow is decreased with left ventricular hypertrophy.

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**Question 4.** Regarding the imaging features of ASDs on chest radiographs:

- (a) Imaging features include right atrial dilatation, right ventricular dilatation and pulmonary arterial dilatation.
- (b) The first sign of ASD is pulmonary arterial dilatation.
- (c) A large aortic knuckle is seen due to increased systemic flow.
- (d) Atrial septal occluder devices are visible on the chest radiograph.

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**Question 5.** The following are known complications of ASDs:

- (a) Stroke.
- (b) Arrhythmia and palpitations.
- (c) Eisenmenger's syndrome.
- (d) Heart failure.

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### 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 July 2018. (2) The MCR numbers of successful candidates will be posted online at the SMJ website by 5 July 2018. (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 December 2017 issue will be credited for the month of December 2017, even if the deadline is in January 2018).

**Deadline for submission: (May 2018 SMJ 3B CME programme): 12 noon, 28 June 2018.**