



JCCC Quiz *Cardiac Critical Care*

A Puzzle Tangle

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ACROSS [FIGURES 1 AND 2]

2. A mode of ventilation is best described as a form of continuous positive airway pressure with intermittent time cycled releases at a lower pressure. (abbreviation) (4)
8. In the context of hematological indices, the aggregate index of systemic inflammation when divided by the systemic immune-inflammation index equates with which corpuscular line. (8)
9. A characteristic nature of post-cardiac surgery diabetic ketoacidosis increasingly being described in patients on sodium-glucose cotransporter 2 inhibitors. (10)
10. A biomarker of systemic chronic inflammation which represents the soluble form of a cell membrane bound protein. (abbreviation) (5)
11. A small parachute shaped device commonly applied for the left atrial appendage occlusion. (8)
15. A soluble guanylate cyclase stimulator drug. (9)
16. A cap like prominent structure is seen on the roentgenogram denoting the pulmonary arc in congenital heart disease with increased pulmonary blood flow. (4)
17. This society developed a standardized grading for cardiac allograft biopsies in 1990, to be later modified in 2004. (abbreviation) (5)
18. A term symbolizing the addition of micro-axial flow pump to venoarterial extracorporeal membrane oxygenation, as an efficient technique to unload the left ventricle. (7)
19. The formula used for estimating the pulmonary capillary wedge pressure from the Doppler assessed mitral E/E' ratio. (6)
20. The phenomenon characterized by early morning hyperglycemia occurring due to a rebound of late-night hypoglycemia. (7)
23. The unit system for expressing the results of antistreptolysin O testing. (4)
25. A pentalogy featuring congenital midline birth anomalies including the heart, sternum, pericardium, diaphragm, and abdominal wall. (8)
28. A recent 7-point risk index was developed to map the risk of postoperative pulmonary complications. (abbreviation) (7)
29. The 2015 FDA approved humanized monoclonal antibody against Dabigatran. (12)
32. Lung ultrasound sign of an underlying pleural effusion on M-mode. (8)
33. A named constellation of electrocardiographic findings for identifying myocardial infarction in the background of a left bundle branch block. (9)
34. Miniaturized, disposable transesophageal echocardiography probe in cardiac intensive care. (8)

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DOWN [FIGURES 1 AND 2]

1. North-south syndrome as a complication of peripheral venoarterial extracorporeal membrane oxygenation. (9)
3. Allergic acute coronary syndrome. (6)
4. A concerning side effect of prostaglandin E1 infusion employed in neonates to maintain ductal patency. (5)
5. Familial pulmonary artery hypertension often features mutations in the Type 2 gene of the corresponding protein receptor. (abbreviation) (4)
6. A delivery system developed for the administration of volatile anesthetics to invasively ventilated patients. (8)
7. A peculiar echocardiographic sign in moderate-severe ischemic mitral regurgitation resulting from the tethering effect of the secondary strut chordae tendineae. (7)
12. An effect wherein subjects of an experimental study alter their behavior aware of being evaluated. (9)
13. A landmark trial propounding early goal directed therapy in sepsis based on central venous oxygen saturation monitoring. (6)
14. An inflammatory disease in young that can be associated with coronary artery aneurysms. (8)
19. Molecule of the Year 1992 (1998 nobel prize in Physiology or Medicine, awarded for its discovery) (11)
21. Mixed venous oxygen saturation is calculated using superior and inferior vena cava saturations by this peculiar formula. (5)
22. A reflex coined after a British physiologist who demonstrated tachycardia in anesthetized dogs following venous filling. (10)
24. The term for a cycle of a logical sequence of iterative steps, including plan, do, check, and act. (6)
26. Cardiomyopathy which is referred to as a “broken heart.” (9)
27. The endogenous pathway which has off-late captivated pathophysiological and therapeutic attention in reference to post-cardiopulmonary bypass vasoplegia. (abbreviation) (4)
30. A staging system used for classifying necrotising enterocolitis. (4)
31. An intensive care unit specific nutritional assessment tool, primarily to identify the critically ill cohort likely to benefit the most from optimal nutrition intake. (6)
35. The index serving as a strong predictor of high-flow nasal cannula therapy. (3)

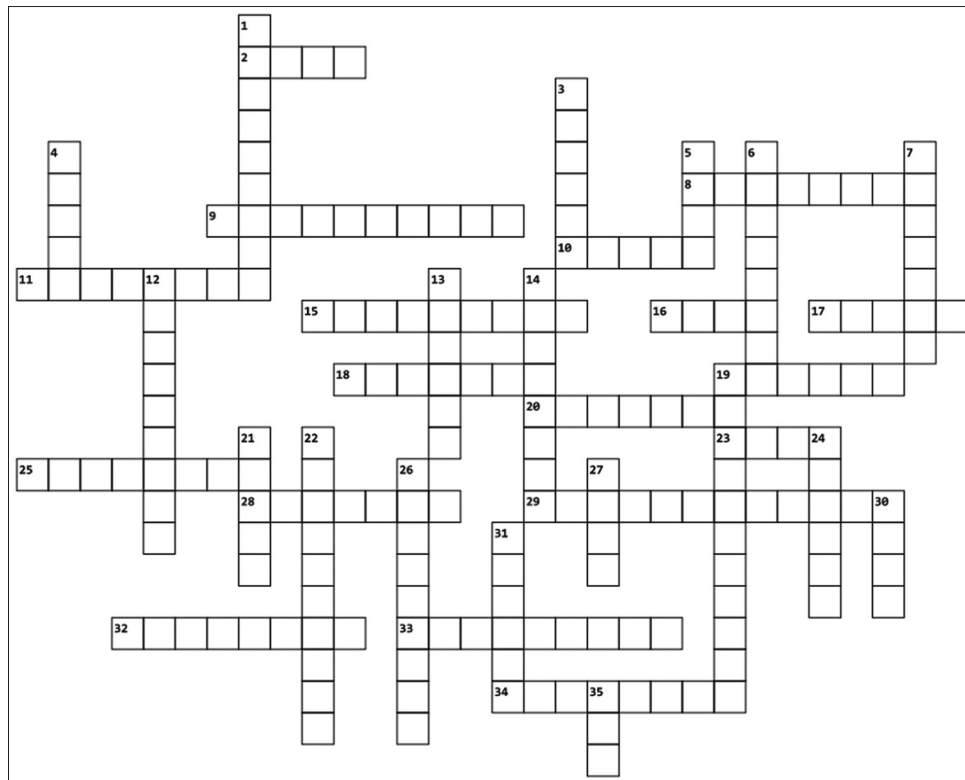


Figure 1: The crossword puzzle.

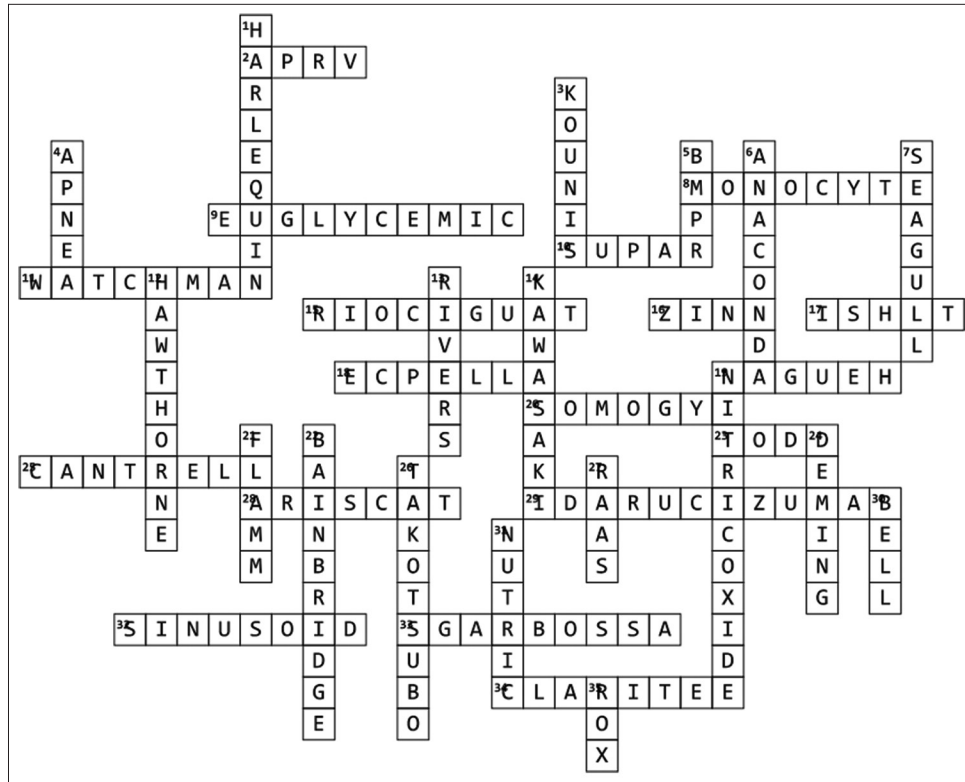


Figure 2: Solution to the crossword puzzle.

Declaration of patient consent

Patient’s consent not required as there are no patients in this study.

Conflicts of interest

There are no conflicts of interest.

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