

## AVTAA Sample Multiple Choice Questions

1. Hyperkalemia with a circulating level above 6.5 mmol/L should be corrected prior to anesthesia, if possible, as it may lead to:
  - A. Pulmonary hypertension
  - B. Increased cardiac excitability
  - C. Decreased myocardial contractility and bradycardia
  - D. A lowering of the cardiac threshold for sodium
2. The reflex that is responsible for causing acute bradycardia during traction, pressure on the eye or surrounding structures, is the:
  - A. Branham Reflex
  - B. Oculocardiac Reflex
  - C. Cushing's Reflex
  - D. Vasovagal Reflex
3. Depolarization (phase 0) of the cardiac myocyte occurs when the:
  - A. Magnesium channels open increasing magnesium permeability
  - B. Potassium channels open increasing potassium permeability
  - C. Calcium channels open increasing calcium permeability
  - D. Sodium channels open increasing sodium permeability
4. In patients with thoracic trauma, pulmonary lesions will usually continue to worsen within:
  - A. 24-36 hours
  - B. 36-48 hours
  - C. 48-72 hours
  - D. The first 24 hours
5. In geriatric patients, a decrease in renal blood flow is related to a:
  - A. Reduction of ADH
  - B. Decrease in cardiac output
  - C. Loss of aldosterone
  - D. Decrease in hepatic function