



International Journal of Gerontology

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CME for 17.1

- Which factors may be associated with high risk of hospital readmission among elderly pneumonia patients?
 - Male gender
 - Cancer
 - Heart failure
 - Chronic respiratory disease
 - All of the above
- Based on Ya Ju Lin's registry-based prospective cohort study, oral anticoagulants brought some benefits to patients with atrial fibrillation. For primary or secondary prevention of ischemic stroke, all of the following are advantages of oral anticoagulants as except?
 - Lower NIHSS score on admission
 - Shorter duration of hospital stay
 - Lower major bleeding rate
 - Higher rates of good functional outcomes at discharge
 - Higher rates of good functional outcomes at 90 days
- Which of the following statement about coronary artery disease is NOT true?
 - Coronary heart disease is characterized by multiple atherosclerotic lesions, luminal narrowing of coronary arteries, and reduced myocardial blood supply
 - Currently, electrocardiogram is the gold standard for clinical diagnosis of coronary artery disease
 - Inflammatory responses and abnormal lipid metabolism play an important role in the pathogenesis of coronary atherosclerosis
 - The LOX-1 can endocytose, bind, and degrade oxidized low-density lipoprotein (ox-LDL)
 - Omentin is an important factor secreted by adipose tissue to participates in and regulate the inflammatory response and improve the inflammatory state of the vascular endothelium
- Which of the following statement about frailty and COVID-19 vaccination is NOT true?
 - Frailty is an important predictor of mortality and delirium in patients with COVID-19 infection
 - COVID-19 vaccination has been reported to alleviate psychological distress and provide mental health benefits
 - A well-functioning immune system can prevent frailty, and vice versa, demonstrating that following a preventative vaccination not only prevents frailty but also maintains immune homeostasis
 - The widespread use of COVID-19 vaccines can lead to a decrease in disease risk and an increase in social and economic activities
 - All of the above are correct
- Which of the following statement about brain natriuretic peptide (BNP) and N-terminal proBNP (NT-proBNP) is NOT true?
 - BNP is a pre-hormone that can cleave to active 32-amino acid polypeptide BNP and inactive NT-proBNP
 - BNP can promote endothelin secretion and the renin-aldosterone angiotensin system, facilitating the natriuretic effect, promote sodium reuptake, and increase blood pressure
 - The mean and upper limit values are increased with age in both BNP and NT-proBNP
 - Anemia, stroke, pulmonary disease, sepsis and renal dysfunction may influence BNP and NT-proBNP interpretation
 - All of the above are correct

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- (A)
- (C)
- (D)
- (A)
- (C)