CME for 14.3

1. Which of the following evidence about ischemia-reperfusion injury is **True**?
   (A) Bax and Caspsase-3 protein in cardiomyocytes were increased after inhibiting PI3K-AKT signals.
   (B) Bcl-2 protein were significantly down-regulated after inhibiting PI3K-AKT signals.
   (C) Bcl-2 family was found to have a close relationship with apoptosis of cardiomyocytes.
   (D) The caspsase gene can regulate JNK/p38 pathways and apoptosis in cardiomyocytes.
   (E) All of the above.

2. Which of the following statement is **True**?
   (A) The SPPB can be used to predict adverse health events in the elderly.
   (B) The SPPB has been shown to detect early stages of frailty, even among high-functioning older adults.
   (C) Compared with the Kihon Checklist, the SPPB is a much broader evaluation of physical function.
   (D) The Kihon Checklist cannot assess the actual physical function capability like gait speed, muscle strength, and balance ability.
   (E) All of the above.

3. Which of the following statement is **True**?
   (A) The K/DOQI guidelines recommend autologous AVF as the primary vascular access in hemodialysis.
   (B) Vascular access-related morbidity accounts for 90% of all hospitalizations among hemodialysis patients.
   (C) Frailty remains no significance associated with mortality in dialysis patients.
   (D) Frailty is not associated with vascular access failure (VAF).
   (E) Age and weight loss are not associated with recurrent VAF in hemodialysis patients.

4. Which of the following statement is **True**?
   (A) In Taiwan, the prevalence of CKD was 11.9% in adults and 37.2% among the elderly.
   (B) ESRD patients in Taiwan accounted for 0.23% of the population but cost 7.2% of the health-care resources.
   (C) Risk factors of CKD progression include hyperglycemia, hypertension, proteinuria, old age, and certain environmental exposures.
   (D) Marital status might be also associated with CKD, and being single might be an independent risk factor for CKD in the middle-aged and elderly population in Taiwan.
   (E) All of the above.

5. Which of the following statement is **True**?
   (A) The Figure-of-8 Walk Test was developed to assess straight-path walking using a course with curved sections.
   (B) Straight-path walking speed is frequently used in assessments of community-dwelling older adults.
   (C) Maintaining physical function and confidence in performing activities of daily living (ADL) is not important to health preservation.
   (D) Physical function and self-efficacy in older adults are not correlated with social functioning levels.
   (E) Self-efficacy is not associated with participation in social activities and decreased walking ability with aging.

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Volume 14 Issue 2 Answers:

1. (D)
2. (E)
3. (A)
4. (D)
5. (E)