

# JEMDSA

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**Please answer the following questionnaire online.**

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**1. Neuropathy in the patient with diabetes is associated with the following changes in the vaso vasorum, except which one?**

- a. Increased oxidative stress
- b. Increased apoptosis
- c. Increased glycation
- d. Increased neovascularisation
- e. Increased inflammation

**2. Poor glycaemic control is associated with the following relationship, except which one?**

- a. A positive family history of diabetes
- b. A positive paternal rather than a positive maternal history of diabetes
- c. A positive maternal rather than a positive paternal family history of diabetes
- d. A positive history of coincident HIV infection
- e. A history of coincident HIV infection and not receiving ARV therapy

**3. In the diabetic foot, a short first metatarsal directly results in the following, except which one?**

- a. Flexion transfer to the IP joint of the hallux
- b. Hyper-dorsiflexion of the hallux
- c. Hallux varus
- d. Hallux valgus
- e. Flat feet

**4. In South Africa, the following statements about diabetes are correct, except which one?**

- a. Diabetes is ranked second as the most common cause of death
- b. Cardiovascular disease is the most common cause of death in patients with diabetes
- c. Nephropathy is the leading cause of death in patients with diabetes
- d. Black patients have a lower incidence of cardiovascular disease than White or Asian patients.
- e. One in four patients achieve an HbA1c level < 7%

**5. In South Africa, the following statements about vitamin D deficiency are correct, except which one?**

- a. It is more frequent in Black subjects compared to White subjects
- b. It is more frequent in men compared to women
- c. The highest prevalence is in the age group > 70 years
- d. The highest prevalence is in the age group 20–40 years
- e. The definition of deficiency is a measurement < 30 nmol/l

**6. COVID-19 thyroiditis is confirmed by the following parameters, except which one?**

- a. Absent radiotracer uptake
- b. Patchy hypo-echoic areas on sonar
- c. Normal vascularity on sonar
- d. Increased FT4 and TSH levels
- e. Increased FT4 and reduced TSH levels interval, high-intensity training