

# JEMDSA

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Please answer the following questionnaire online.

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1. Please register at [www.medpharm.co.za](http://www.medpharm.co.za) to obtain login details.
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### CHOOSE ONLY ONE CORRECT ANSWER!

1. Select the most appropriate waist circumference according to the Joint Statement Criteria that predicts excessive cardiovascular risk in Caucasian men:

- A. > 90 cm
- B. > 94 cm
- C. > 98 cm
- D. > 102 cm

2. Select the most appropriate waist circumference according to the Joint Statement Criteria that predicts excessive cardiovascular risk in Caucasian women:

- A. > 80 cm
- B. > 84 cm
- C. > 88 cm
- D. > 92 cm

3. Receiver Operator Characteristic (ROC) curves are frequently used in clinical research to determine:

- A. The negative predictive value of a diagnostic test
- B. The positive predictive value of a diagnostic test
- C. Maximum sensitivity and specificity of a diagnostic test
- D. The accuracy of a diagnostic test

4. Which of the following combination of clinical features define polycystic ovarian syndrome in an adult?

- A. Irregular menses and signs of hirsutism
- B. Irregular menses and central obesity
- C. Irregular menses and galactorrhoea
- D. Irregular menses and hypothyroidism

5. Patients diagnosed with polycystic ovarian syndrome are at an increased risk of:

- A. Ovarian cancer
- B. Hypothyroidism
- C. Polycystic kidney disease
- D. Myocardial infarction

6. Subclinical hypothyroidism is defined as an elevated S-TSH level in the presence of an L-thyroxine level which is:

- A. Undetectable
- B. Below the normal reference range
- C. Within the normal reference range
- D. Above the normal reference range

7. The most common cause of subclinical hypothyroidism is:

- A. Serious systemic illness
- B. Autoimmune thyroid disease
- C. The concomitant use of amiodarone
- D. Viral thyroiditis

8. Approximately 50% of lower leg amputations globally are due to:

- A. Smoking
- B. Dyslipidaemia
- C. Trauma
- D. Diabetes

**9. Patients with diabetes at greatest risk of foot ulcerations can be identified by:**

- A. Regular foot self-examination
- B. Measuring glycosylated haemoglobin concentration
- C. The presence of painful peripheral sensory neuropathy
- D. Duration of diabetes

**10. The most common co-morbidity in patients with type 2 diabetes is:**

- A. Arthritis
- B. Epilepsy
- C. Hypertension
- D. Asthma

**11. Self-care for diabetics to prevent foot ulceration should include:**

- A. Inspection of shoes before wearing them
- B. Daily soaking of the feet in lukewarm water
- C. Walking barefoot inside the house
- D. The use of hot-water bottles

**12. Which of the following is a well-described paraneoplastic phenomenon?**

- A. Persistent hiccups
- B. Macrocytic anaemia
- C. Hypoglycaemia
- D. Visual hallucinations

**13. Non-islet cell tumour-induced hypoglycaemia is associated with:**

- A. Medullary carcinoma of the thyroid
- B. Hepatocellular carcinoma
- C. Adenocarcinoma of the prostate
- D. Adenocarcinoma of the uterus

**14. The initial treatment of choice for tumour-induced hypoglycaemia is:**

- A. Human recombinant growth hormone
- B. Somatostatin
- C. Glucagon
- D. Glucocorticoids

**15. Stress fractures of the shaft of the femur may occur in patients:**

- A. With Paget's disease of bone
- B. Long-term treatment with bisphosphonates
- C. Long-term calcium and vitamin D supplementation
- D. Prolonged over-treatment of hypothyroidism with L-thyroxine

**16. Which one of the following bone-modifying treatments should be discontinued ("drug holiday") after 5 years of uninterrupted use:**

- A. Teriparatide
- B. Salmon calcitonin
- C. Bisphosphonates
- D. Conjugated oestrogen

**17. High stress levels in parents of children suffering from type 1 diabetes is mostly associated with fear of:**

- A. Suboptimal academic performance
- B. Keto-acidosis
- C. Rejection by their peers
- D. Hypoglycaemia

**18. The period of greatest risk for depression in mothers of children with type 1 diabetes is usually:**

- A. Immediately after diagnosis
- B. Within months after diagnosis
- C. One year after diagnosis
- D. After the first episode of severe hypoglycaemia

**19. The best strategy immediately after diagnosis of diabetes in a child is to provide parents with:**

- A. As much information as possible
- B. Written information mainly
- C. Only enough information to manage the child at home
- D. Links to useful websites

**20. Subclinical hypothyroidism in the general population is a strong risk factor for:**

- A. Osteoporosis
- B. Hypertension
- C. Diabetes
- D. Ischaemic heart disease