



PCDS Entry-Level Module Series

HbA1c



AstraZeneca has, through a grant, fully funded all costs for the technical development and hosting of the modules. AstraZeneca has had no influence on the content of the modules and full editorial control remains the sole responsibility of the Primary Care Diabetes Society.

PCDS

Primary Care Diabetes Society

Assessment answers

Question 1

Select one of the following

How long do red blood cells typically live for?

- a) 9–12 days
- b) 20–30 days
- c) 90–120 days
- d) 100–130 days

Question 2

True or false?

High levels of HbA1c over a long period of time can increase the risk of developing complications associated with diabetes

True

Question 3

Select one of the following

What is the HbA1c level required to diagnose type 2 diabetes?

- a) 53 mmol/mol
- b) 39 mmol/mol
- c) 42 mmol/mol
- d) 48 mmol/mol

Question 4

Select one of the following

Which condition can lead to a falsely high HbA1c result?

- a) Kidney failure (uraemia)
- b) Chronic excessive alcohol intake
- c) Iron deficiency
- d) Vitamin B12 deficiency
- e) Splenectomy
- f) **All the above**

Question 5

Select all that apply

Which conditions can lead to a falsely low HbA1c result?

- a) Recent blood transfusion
- b) Pregnancy
- c) Chronic excessive alcohol intake
- d) Acute or chronic blood loss
- e) Sickle cell disease