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Introduction to Physiology

Adesewa Ajayi



Diabetes.co.uk, 2019

Diabetes



Ratmaner, 2020

Diabetes is an endocrine disorder which is due to the lack of or resistance to the insulin hormone (Waugh and Grant, 2014).

Glucose is released into your bloodstream from food that has been broken down (You and Your Hormones, 2018). Your pancreas releases insulin when your blood sugar levels rise (You and Your Hormones, 2018).

Type 1 Diabetes mellitus

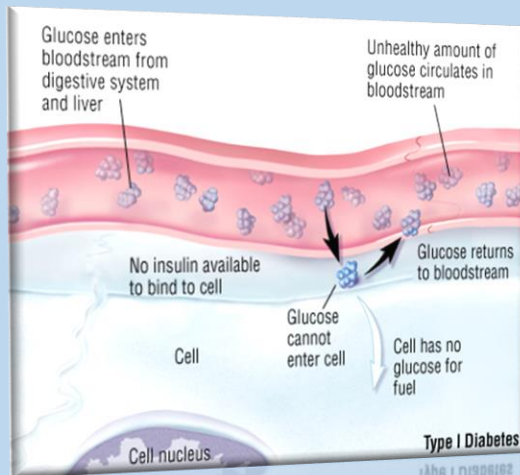
Type 1 diabetes is due to the body's immune system attacking and damaging the cells of the pancreas that produce insulin (JDRF, 2020).

The triggers for type 1 diabetes are currently unclear however, it is thought that the cause is due to a Combination of Environmental and genetic factors (JDRF, 2020).

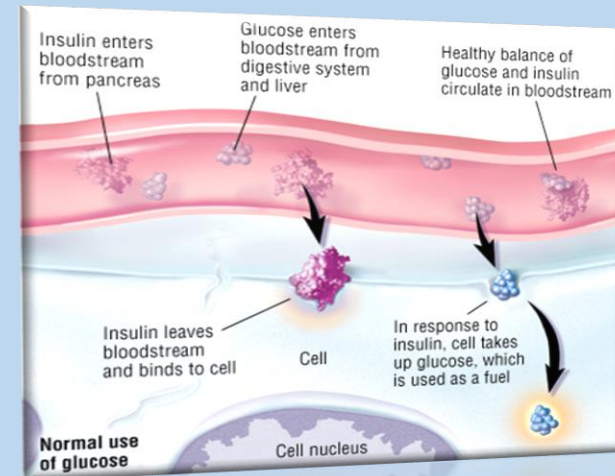
It is not caused by being overweight or eating the wrong foods and it does not mean that

you cannot eat sugar or play sports (JDRF, 2020).

It is treated and managed with daily insulin injections.



Harvard health-Harvard University, 2018



Harvard health-Harvard University, 2018

Reference

Diabetes.co.uk (2019) Posters. Available at <https://www.diabetes.co.uk/posters.html> (Accessed 10 November 2020).

Harvard Health publishing Harvard Medical School (2018) Diabetes Type 1 Mellitus. Available at https://www.health.harvard.edu/a_to_z/type-1-diabetes-mellitus-a-to-z (Accessed: 7 November 2020).

JDRF (2020) About type 1 diabetes. Available at <https://jdrf.org.uk/information-support/about-type-1-diabetes/> (Accessed 5 November 2020).

Ratmaner (2020) Glucometer with ripe fruits in shape of clock, time for healthy food for diabetics containing vitamins, dietary fibre and natural minerals. Available at: <https://www.shutterstock.com/image-photo/glucometer-ripe-fruits-shape-clock-time-1557461105> (Accessed 7 November 2020).

Waugh, A. and Grant, A. (2014) *Ross and Wilson Anatomy and Physiology in Health and Illness*. 12th edn. London: Elsevier Ltd.

You and your Hormones (2018) *Pancreas/You and Your Hormones from the Society for Endocrinology*. Available at: <https://www.yourhormones.info/glands/pancreas/> (Accessed 14 2020).