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Name of Journal: *World Journal of Diabetes*

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Effects of ketogenic diet and ketone bodies on the cardiovascular system:
Concentration matters

Ketone bodies and the cardiovascular system

Abstract

Ketone bodies have emerged as central mediators of metabolic health, and multiple beneficial effects of a ketogenic diet, impacting metabolism, neuronal pathologies and, to a certain extent, tumorigenesis, have been reported both in animal models and clinical research. Ketone bodies, endogenously produced by the liver, act pleiotropically as metabolic intermediates, signalling molecules and epigenetic modifiers.

The endothelium and the vascular system are central regulators of the organism's metabolic state and become dysfunctional in cardiovascular disease, atherosclerosis

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