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Endothelial Dysfunction: Understanding the Underlying Causes and Implications

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Abstract

health. When the endothelium becomes dysfunctional, it can lead to a cascade of detrimental e ects. Causes of endothelial dysfunction include oxidative stress, inþammation, hypertension, dyslipidemia, diabetes, smoking, obesity,

thrombosis, inþammation, metabolic syndrome, and end-organ damage. Prevention and treatment strategies involve

comprehensive understanding of endothelial dysfunction is crucial for reducing the risk of cardiovascular and metabolic

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