

cardiovascular significance of endothelium pdf

Endothelium refers to cells that line the interior surface of blood vessels and lymphatic vessels, forming an interface between circulating blood or lymph in the lumen and the rest of the vessel wall. It is a thin layer of simple, or single-layered, squamous cells called endothelial cells. Endothelial cells in direct contact with blood are called vascular endothelial cells, whereas those in ...

Endothelium - Wikipedia

The circulatory system, also called the cardiovascular system or the vascular system, is an organ system that permits blood to circulate and transport nutrients (such as amino acids and electrolytes), oxygen, carbon dioxide, hormones, and blood cells to and from the cells in the body to provide nourishment and help in fighting diseases, stabilize temperature and pH, and maintain homeostasis.

Circulatory system - Wikipedia

Abstract. Alterations of endothelial cells and the vasculature play a central role in the pathogenesis of a broad spectrum of the most dreadful of human diseases, as endothelial cells have the key function of participating in the maintenance of patent and functional capillaries. The endothelium is directly involved in peripheral vascular disease, stroke, heart disease, diabetes, insulin ...

The Vascular Endothelium and Human Diseases

Significance. Programmed cell death 5 (PDCD5) plays a pivotal role in cellular apoptosis. Pathological relevance of PDCD5 is mostly found in human cancers; however, the role of PDCD5 in noncancerous diseases is not fully elucidated.

Programmed cell death 5 suppresses AKT-mediated

The cardiovascular signs and symptoms of thyroid disease are some of the most profound and clinically relevant findings that accompany both hyperthyroidism and hypothyroidism. On the basis of the understanding of the cellular mechanisms of thyroid hormone action on the heart and cardiovascular system, it is possible to explain the changes in cardiac output, cardiac contractility, blood ...

Thyroid Disease and the Heart | Circulation

Abstract. Cardiovascular complications are mainly responsible for the high morbidity and mortality in people with diabetes. The awareness of physicians for the importance of primary prevention increased lately and numerous strategies have been developed.

Cardiovascular Complications in Diabetes | Diabetes Care

Cardiovascular (CV) disease is a leading cause of death worldwide, accounting for approximately 31.4% of deaths globally in 2012. It is estimated that, from 1980 to 2000, reduction in total cholesterol accounted for a 33% decrease in coronary heart disease (CHD) deaths in the United States.

A review of low-density lipoprotein cholesterol, treatment

Lipoprotein(a) (Lp(a)) is an LDL-like molecule consisting of an apolipoprotein B-100 (apo(B-100)) particle attached by a disulphide bridge to apo(a). Many observations have pointed out that Lp(a) levels may be a risk factor for cardiovascular diseases. Lp(a) inhibits the activation of transforming growth factor (TGF) and contributes to the growth of arterial atherosclerotic lesions by ...

Lipoprotein(a) in Cardiovascular Diseases

The association between uric acid (UA) on one side and systemic hypertension (Htn), dyslipidemia, glucose intolerance, overweight, fatty liver, renal disease and cardiovascular disease (CVD) on the other side is well recognized.

Uric acid in the pathogenesis of metabolic, renal, and

A Ketogenic Diet's™ Connections with Cholesterol. About 32% of men and 13% of women in the US suffer from low levels of HDL cholesterol. [10] Additionally, the majority of Americans do not have HDL cholesterol levels high enough to decrease the risk of cardiovascular illness.

The Ketogenic Diet and Cholesterol | Ruled Me

How to Reverse Heart Disease with the Coronary Calcium Score . by Jeffrey Dach MD. The AHA (American Heart Association) has denied for years that Coronary Calcium Scoring is a valid marker for heart disease risk.

How to Reverse Heart Disease with the Coronary Calcium

RESUMEN. En los últimos años numerosos estudios han avalado los efectos beneficiosos de la ingesta de polifenoles sobre la salud, especialmente sobre el sistema cardiovascular.

Los polifenoles, compuestos de origen natural con efectos

Watch Dr. Calapai's new TV Show "Dr. Cal's Healthy Living" every Saturday 11:30 AM on channel 55 or 10 locally and America 1 Nationally,

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