

Research Article

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Coronary Risk Estimation according to the Framingham-Wilson Score and Impaired Fasting Glucose in Adult Subjects from Maracaibo city, Venezuela

Published On: October 24, 2014 | Pages: 020 - 029

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Introduction: Type 2 Diabetes Mellitus (T2DM) is an independent risk factor for coronary artery disease. Nevertheless, the coronary risk rendered by pre-diabetes states such as Impaired Fasting Glucose (IFG) has not been thoroughly explored. The purpose of this study was to evaluate the influence of glycemic status on coronary risk estimated by the recalibrated Framin ...

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Breath Acetone as Biomarker for Lipid Oxidation and Early Ketone Detection

Published On: October 15, 2014 | Pages: 012 - 019

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Former ketone studies, including ketoacidosis (KAD), fasting ketosis (FK), nutritional ketosis (NK), and exercis-eaffected ketosis have brought great advances to the field of ketones. In the present work, blood, urine and breath ketone detections were evaluated systematically. We found that breath ketone (acetone) is the ketone of choice for detecting early stages of ...

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HDL as a Biomarker of Rejection in Heart Transplant

Published On: September 20, 2014 | Pages: 001 - 006

Author(s): Wilma Gonzalez, Pablo I. Altieri*, Hector Banchs, Diego Iravedra, Rafael Calderon, Ivan Gonzalez-Cancel, Carmen Gurrea, Nelson Escobales, Maria Crespo

Background: One hundred once patients underwent heart transplants due to multiple causes. These patients included 36 females and 65 males whose mean age was 51 years. ...

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DOI: 10.17352/2455-8583.000001

Review Article

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Anti-Inflammation effects of Radix Astragali Plays an Important Role in Ameliorating Type 2 Diabetes Mellitus

Published On: November 24, 2014 | Pages: 030 - 034

Author(s): Jianfeng Xiong, Youhua Xu* and Quan Zhu

Radix Astragali (RA), known as Huangqi in traditional Chinese Medicine, is one of the most popular herbal medicines learnt to treat diabetes. However, its scientific effect and mechanism needs to be established. It has been reported that RA displayed various effects such as oxidative stress, scavenging free radicals, and ameliorating inflammation function etc. Type 2 ...

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DOI: 10.17352/2455-8583.000005

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The Interaction between Metabolic Disease and Ageing

Published On: September 22, 2014 | Pages: 007 - 011

Author(s): Karan S. Rana, Helen R. Griffiths, Placido Navas, James E. Brown*

Two of the greatest crises that civilisation faces in the 21st century are the predicted rapid increases in the ageing population and levels of metabolic disorders such as obesity and type 2 diabetes. A growing amount of evidence now supports the notion that energy balance is a key determinant not only in metabolism but also in the process of cellular ageing. Much of ...

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