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OMICS Group has organized 500 conferences, workshops and national symposiums across the major cities including San Francisco, Las Vegas, San Antonio, Omaha, Orlando, Raleigh, Santa Clara, Chicago, Philadelphia, Baltimore, United Kingdom, Valencia, Dubai, Beijing, Hyderabad, Bengaluru and Mumbai.
Obesity- and metabolic syndrome-related biomarkers as predictors of development and progression of type 2 diabetes

K.V. Ovsyannikov
A.I. Evdokimov Moscow State Medical & Dental University, Russia
Diabesity in Practice

The journal for healthcare professionals managing people with coexistent diabetes and obesity

High-intensity interval training
What role in pre-diabetes

An article from Matthew Haines, Warren Gillibrand and Gerard Garber describes this alternative approach to traditional exercise guidelines and discusses its place in practice for individuals with pre-diabetes. Page 15

IN THIS ISSUE
Ethnic inequalities
Food advertising to children
A historical perspective

WEBSITE
Journal content online at www.diabetes-monthly.net
Part of Diabetes
"Apple" vs. "Pear"
The DM type 2 epidemic is happening now and the situation is getting worse day by day

58 378 222
DM patients in Europe in 2010

98 637 900
DM patients in Europe by 2020
The Diabetes Population Has Increased 86% in 10 Years


Projected diabetes households = 12,774,000
Household prevalence of diabetes = 11.5% (12,774,000 diabetes households / 112,991,446 total U.S. households)
Our future?
Taxes!!!
The average levels of the motivation component in the professional actions studied in primary care doctors (in depending of the durings medical work)
The average levels of the cognitive component in the professional actions studied in primary care doctors (in depending of the durings medical work)
The average levels of the motivation component in the professional actions studied in primary care doctors (in depending of the durings medical work)
McWorld
Experience the local specialties

Fast food chain McDonald's is often seen as an exemplary example of globalization processes that flatten the world and make things more, faster and easier. Why travel when you can have the same food, coffee and fast food chains? Increasingly, however, McDonald's offers local specialties. Have a Shrimp Burger in Greece, Tenkay McBurger in Japan, McKnabst in the Netherlands or a Nürnberger in Germany. The dishes also show traces of traditional regional cuisines, allowing McBackpackers to get a taste of the world while keeping a safe level of comfort and recognition. Unfortunately, without a franchise, some places (most of Africa, Mongolia, Cuba and North Korea) won’t be able to cater to fast-food expectancies.
Novel Risk Factors and the Prediction of Type 2 Diabetes in the Atherosclerosis Risk in Communities (ARIC) Study

L.A. Raynor, PHD$^1$, James S. Pankow, PHD$^2$, Bruce B. Duncan, MD, PHD$^3$, Maria I. Schmidt, MD, PHD$^3$, Ron C. Hoogeveen, PHD$^5$, Mark A. Pereira, PHD$^2$, J. Hunter Young, MD$^6$, and Christie M. Ballantyne, MD$^5$

Author Affiliations

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Abstract

OBJECTIVE. The objective of this study was to determine potential added value of novel risk factors in predicting the development of type 2 diabetes beyond that provided by standard clinical risk factors.

RESEARCH DESIGN AND METHODS The Atherosclerosis Risk in Communities (ARIC) Study is a population-based prospective cohort study in...
Metabolic syndrome: a comprehensive perspective based on interactions between obesity, diabetes, and inflammation.

Dandona P¹, Aljada A, Chaudhuri A, Mohanty P, Garg R.

Evaluation of food-based dietary guidelines of Germany concerning their potential of chronic disease prevention with suggestions for improvement: Results from the EPIC-Potsdam study

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Master of Public Health
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Gutachter: Prof. Dr. Heiner Boeing
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Berlin 2012
D 83
TWEAK: a new player in obesity and diabetes

Joan Vendrell and Matilde R. Chacón*

Research Unit, Centro de Investigación Biomédica en Red de Diabetes y Enfermedades Metabólicas Asociadas (CIBERDEM), Hospital Universitari de Tarragona Joan XXIII, Institut d’Investigació Sanitària Pere Virgili, Universitat Rovira i Virgili, Tarragona, Spain
TWEAK: a new player in obesity and diabetes

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Fasting hyperinsulinemia (FGI)- a potential biomarker to predict development of t2DM in MS patients?
Materials and Methods

Hyperinsulinemia (fasting) > 15 mkMU/ml

247 MS patients:

115 male
132 female
Age (average) : 56 ± 5.8 years
Observation 3 years
Results

After 3 years 54 patients had t2DM
Results

78% of t2DM manifested had fasting hyperinsulinemia before.
Results

t2DM-free patients

14% t2DM-free had FGI before
Conclusion

- Fasting insulin level can be regarded as a biomarker of t2DM
- Insulin level measurement is technically simple and inexpensive
- Fasting insulin level can be used as a screening method among the persons in high risk of CVD and t2DM
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