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JOURNAL OF METABOLIC SYNDROME



**Leonardo Silva Borges Roever
Department of Cardiovascular
Research
Universidade Federal de Uberla
Brazil**

**Editor for
Journal of Metabolic Syndrome**

BIOGRAPHY

Dr. Leonardo Roeber was Graduated in 2002, had his specialization in 2003, Master's degree in Health Sciences from the UFU (2008), and improvement by the National Heart, Lung, and Blood Institute NHLBI-USA (2014). He has experience in healthcare, with emphasis on Cardiology acting on the following topics: atherosclerosis, ectopic adipositophaty, biomarkers, inflammatory markers, metabolic syndrome, coronary artery disease, cardiovascular prevention, clinical epidemiology, clinical research, biostatistics, aging and the development of new diagnostic and therapeutic methods. Reviewer journals such as Circulation, European Heart Journal, JACC, Stem Cells, Nature (EJCN), Stroke, Neurology, Chest, Critical Care Medicine and others. Ad Hoc is the American Heart Association (AHA-USA) and the National Institute of Health (NIH, USA). Author and co-author of more than 20 national and international scientific publications. Chief Editor of Research Topics: Cardiac Remodeling: New Insights in Physiological and Pathological Adaptations of Frontiers in Physiology in Switzerland. Academic Editor of Medicine (USA-Baltimore, Maryland).

RESEARCH INTERESTS

Dr. Leonardo Roever research interests are Atherosclerosis, Ectopic adipositophaty, Biomarkers, Inflammatory markers, Metabolic syndrome, Coronary artery disease, Cardiovascular prevention, Clinical epidemiology.

RECENT PUBLICATIONS

The association of left ventricular mass with coronary atherosclerosis and myocardial ischemia: cause and effect or simple association?

Metabolic Syndrome

Metabolic syndrome is a disorder of energy utilization and storage, diagnosed by a co-occurrence of three out of five of the following medical conditions: abdominal (central) obesity, elevated blood pressure, elevated fasting plasma glucose, high serum triglycerides, and low high-density cholesterol (HDL) levels.

Metabolic syndrome increases the risk of developing cardiovascular disease, particularly heart failure, and diabetes. Some studies have shown the prevalence in the USA to be an estimated 34% of the adult population, and the prevalence increases with age.

Metabolic syndrome is also known as metabolic syndrome X, cardiometabolic syndrome, syndrome X, insulin resistance syndrome, Reaven's syndrome (named for Gerald Reaven), and CHAOS (in Australia).

Metabolic Syndrome and Diabetes

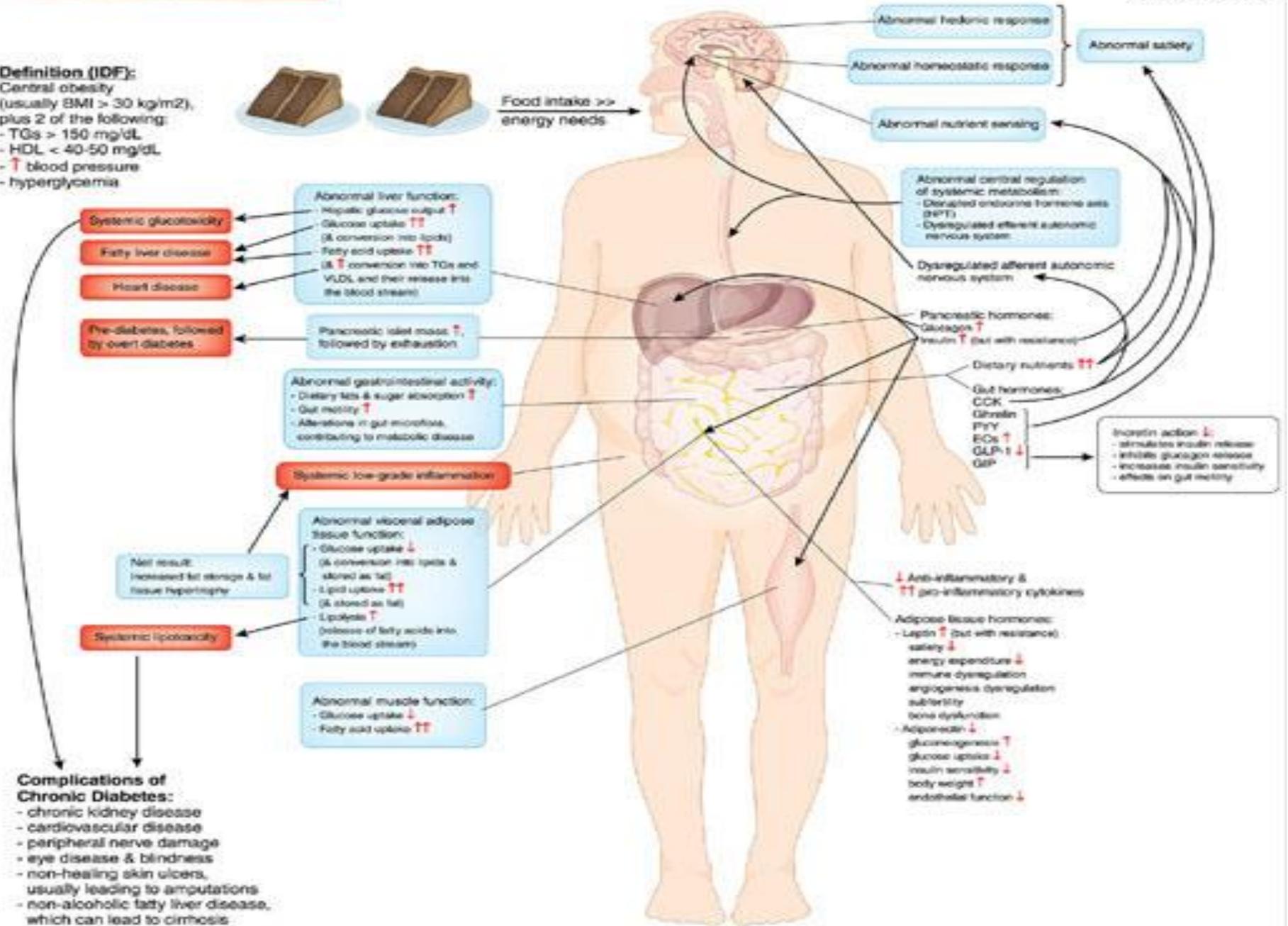
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METABOLIC SYNDROME

Definition (IDF):
Central obesity
(usually BMI > 30 kg/m²),
plus 2 of the following:
- TGs > 150 mg/dL
- HDL < 40-50 mg/dL
- ↑ blood pressure
- hyperglycemia



Food intake >> energy needs



Complications of Chronic Diabetes:

- chronic kidney disease
- cardiovascular disease
- peripheral nerve damage
- eye disease & blindness
- non-healing skin ulcers, usually leading to amputations
- non-alcoholic fatty liver disease, which can lead to cirrhosis

METABOLIC SYNDROME RELATED JOURNALS

- **Metabolomics:Open Access**
- **Journal of Diabetes & Metabolism**
- **Endocrinology & Metabolic Syndrome**
- **Diabetology & Metabolic Syndrome**
- **Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy**
- **Metabolic Syndrome and Related Disorders**
- **Journal of Diabetes & Metabolic Disorders**
- **Global Journal of Obesity, Diabetes and Metabolic Syndrome**

METABOLIC SYNDROME RELATED CONFERENCES

- 2nd International Conference on Endocrinology
- 5th International Conference on Diabetes & Metabolism

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Leonardo Roever