

What is Metabolic Syndrome?

A constellation of pathophysiological findings linking ectopic fat deposition, inflammation, insulin resistance, and liver dysfunction with defective glucose and lipid trafficking. Type 2 Diabetes, Non-alcoholic Fatty Liver Disease, Cardiovascular Disease are some of the resultant conditions associated with the syndrome. The three primary drivers of the syndrome are: 1) subcutaneous fat (obesity); 2) visceral fat (stress); and 3) hepatic fat (diet).

LEGEND

- Phosphorylation
- Activation/Induction/Stimulation
- Inhibition
- - - Multi-step Process
- - - Systemic Circulation
- - - Portal Circulation
- Kinase
- Transcriptional Regulator
- Other

