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## Acta Medica Iranica

2009;47(4) : 195-221

"RELATIONSHIP BETWEEN THE DISORDERS OF GLUCOSE METABOLISM AND ISCHEMIC HEART DISEASES"

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### Abstract:

A study of the relationship between the disorder of glucose metabolism and ischemic heart disease was performed on 122 patients and 100 controls in Loghman-Dowleh Adham's Medical Center in Tehran. The GTT abnormality was found in only 8% of the control group while for the patients with the heart ischemia the prevalence was 62.3%. Prevalence of glucose metabolic disorder among men with acute myocardial infarction was 72% and among men with acute coronary insufficiency was 50%, but there was no significant difference in the prevalence of GTT disorder among women for these two diseases. The prevalence of the GTT disorder was 73% among obese patients while the rate was 50% among patients with normal weights. The causal relationship between glucose tolerance abnormality and ischemic heart disease is discussed.

### Keywords:

[Glucose metabolism](#) , [GTT abnormality](#)

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