STUDY OF SERUM YKL-40 LEVEL AND IMPAIRED GLUCOSE TOLERANCE COMBINED WITH CARDIOVASCULAR DISEASES RISK

Ren Jie, Qin Minzhao. Beijing Tongren Hospital, Beijing, China

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Background and Objective Diabetes has become a common healthy problem in the world, which is an autoimmune disease mediated by inflammatory cytokine. Inflammation plays an important role in the pathogenesis of diabetes and macrovascular complications. Chitinase-3-like protein-1 (YKL-40) is a new inflammatory factor, which can influence the level of other inflammatory markers and related to the development of cardiovascular diseases. This study aims to investigate the level of YKL-40 in patients with diabetes and impaired glucose tolerance. Correlation between YKL-40 and blood glucose, lipids, high sensitivity C-reactive protein, IMT was compared.