**Original article:**

**Alarming high levels of transaminases in non insulin dependent diabetes mellitus**

**\*Ekta Chitkara**

Department of Applied Medical Sciences, Lovely Professional University, Punjab, India

\*Corresponding author : Ekta Chitkara

**Abstract:**

**Objective:** The liver plays a major role in pathogenesis of type2 Diabetes. Moderately increased liver markers are found in type2 Diabetes. This study was to determine the prevalence of increased liver enzymes in subjects with consistent Hyperglycemia and Hyperlipidemia.

**Material and Method:** A study of 650 subjects was done out of which 400 were suffering from type2 Diabetes age 40-60 years and 200 were healthy control subjects.

**Results**: Liver enzymatic markers abnormalities were found in 350. Out of these 50 had a previous history of alcohol abuse. These patients were included in the study. Elevations in serum ALT,AST, Alkaline Phosphatase were found in 300 patients. Serum total cholesterol, TG, LDL were also found elevated in patients with abnormal liver function test when compared with normal healthy control group.

**Conclusion:** Alanine Transaminase the most important liver enzymatic marker is associated majority with type2 Diabetes and with Hyperlipidemia.

**Keywords :**  Non alcoholic fatty liver disease, Liver function tests

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