

**Reliability and validity of leukocyte Esterase
Reagent Strips in Diagnosis
of Spontaneous Bacterial Peritonitis**

Thesis

Submitted for Partial Fulfillment of Master Degree
In Internal Medicine

By

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summary

Background:

Glucose abnormality has been shown to be associated with chronic HCV infection .

Hepatitis C may induce insulin resistance (which in turn increases the risk of hepatic fibrosis), and the risk of type 2 diabetes mellitus is increased in persons with chronic hepatitis C .

Aim of the work:

- To evaluate impact of insulin resistance and beta-cell function on the response to peg interferon-alpha (PEG-IFN)/ribavirin combination therapy.

-the present study demonstrates that

- *There is significantly higher HOMA-IR in CHC with elevated enzymes and those with normal enzymes compared with control group.*
- *All patients with CHC have higher HOMA-IR while only 40 % of the control group has higher HOMA-IR.*
- *insulin resistance is not a significant predictor of SVR to pegylated interferon and ribavirin in HCV infected patients.*
- *pretreatment HCV RNA level is an independent factor associated with sustained virologic response (SVR).*
- *significant correlation between pretreatment serum AFP level & sustained virologic response (SVR).*