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Title: (CAPITAL LETTERS) LIPIDS & LIPOPROTEINS IN
AMOEBIC LIVER ABSCESS

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Abstract :As protein calorie malnutrition is the most common form of undernutrition in developing countries where amoebic infection is very common, present study was carried out to see the fate of lipids & lipoproteins after clinical recovery from amoebic liver abscess (ALA). Fasting blood samples from 70 patients of amoebic liver abscess during acute state of illness and 62 normal healthy controls were tested for lipids and their lipoproteins i.e, VLDL, LDL and HDL, and dietary intake from various nutrients was calculated. Mean calorie intake from various nutrients was significantly low ($p < 0.001$) in patients with amoebic liver abscess (ALA) as compared to control subjects. The value of cholesterol and its lipoprotein levels were also significantly low with non-significant changes in triglyceride values in patients with ALA. In 17 followed up patients, fasting blood samples were obtained after 15-20 days of start of treatment, where clinical recovery had taken place. There was no change in values of lipids and their lipoproteins, with non-significant changes in their caloric intake. The result of present study showed failure of an early biochemical recovery in clinically recovered patients of ALA.