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Indian J Med Res 90: 55-61, 1989

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Sarita Manocha, B.M. Gandhi, Manisha Dwivedi & D.K. Bhargava

Department of Gastroenterology & Human Nutrition, All India Institute of Medical Sciences, New Delhi

Accepted November 22, 1988

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Fasting plasma samples from 29 patients of cirrhosis were analyzed for cholesterol and triglycerides and their lipo-protein fractions. The patients included 11 alcoholic cirrhotics consuming over 130 g/day of absolute ethanol and 18 non-alcoholic cirrhotics. The difference in lipid values between the two patient groups was not significant except that LDL cholesterol was raised in alcoholic cirrhotics ($P < 0.05$). However, in comparison to normal healthy controls, the values were significantly altered. The dietary intake, in the two groups showed no difference, except that non-alcoholic cirrhotics consumed more animal proteins. Low intake of exogenous fat and reduced synthesis of endogenous cholesterol in cirrhotic patients seemed to influence the total lipid values.