

ABSTRACT

BACK GROUND: Acne is one of the most common skin diseases. Many kinds of drugs can be used for treating it.

Roaccutane is the most important of them . Its side effects, consist of rising in Triglyceride, cholestrol, LDL serum level.Increasing of Triglyceride level is more important that sometimes results clinical problem and stops treating.

AIM : Determine of relative changing in Triglyceride, cholestrol, LDL and HDL serum level in Roaccutane users for treating Acnea.

METHOD: This study is descriptive - observational that is case existing type study.

One hundred patients with acne that came to a special skin diseases center in tehran became investigated .

Serum level of cholestrol, Triglyceride,LDL and HDL in begining of treating and four months later were determined and then became compared with one another.

FINDINGS: In our study serum level of Triglyceride, cholestrol and LDL increased to (Triglyceride:16% cholestrol:8%, LDL:12%) but serum level of HDL decreased to 10%.

These laboratory findings result from periodic measurement of triglyceride, cholestrol, LDL and HDL serum level.

CONCLUSION: According to more increasing of Triglyceride, cholestrol and LDL in obese patients, they need more attention.