In this study, the 556 patients with hypercholesterolemia (330 men and 226 women) were diagnosed clinically by physicians in certain local hospital, Changhua county, Taiwan, from January in 2004 to March in 2005. The total cholesterol (TC) or triglycerides (TG) of the patients was out of normal level (≧240mg/dL TC or ≧150mg/dL TG), as described in clinical trials. The effect of drug treatment of Statin or Fibrate on blood lipoprotein properties of the patient cases, such as lowering serum TC, TG, LDL or increasing serum HDL, was investigated. It was found that the percentage of the patient TC below 200mg/dL was 65% in average. For the patient cases after Statin drug treatments the percentage of LDL below 100mg/dL and TG below 150mg/dL was around 45% and 13%, respectively, while the percentage of HDL over 60mg/dL was around 5%. For the cases after Fibrate drug treatments the percentage of LDL and TG below normal level was about 12% and 51%, respectively, while the percentage of HDL increasing over normal level was about 23%. The result of this study will be good for the physicians by using Statin or Fibrate drug treatment to improve the patients' metabolic disorder of serum lipoprotein.

Keywords : Statin ; Fibrate ; Hypercholesterolemia ; Cholesterol ; Triglyceride

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ABSTRACT

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References
