ABSTRACT

The study compared the effects of different dosing frequencies of *Punica granatum* (Pomegranate) crude extracts on the cholesterol level of *Rattus rattus* (Albino Rat). The different dosing frequencies used were 0 mL for T0, 3 mL for T1, 5 mL for T2 and 7 mL for T3. The study was conducted from July to November 2006. Twenty male albino rats were bought at BFAD Alabang, Muntinlupa. They were acclimatized for one week. After a week of acclimatization, twelve male rats were randomly chosen for the study. They were given a high fat diet. After one week, blood was extracted and the initial cholesterol level was determined. Every two weeks, blood extraction was conducted by cardiac puncture to see whether there is a significant difference among different concentration given in the albino rats. The cholesterol level of the albino rats was determined. There was a decrease in cholesterol level so the pomegranate crude extract have antioxidant property. Statistically, there is a significant difference among different concentration given in the albino rats. Also, the cholesterol level of the albino rats has dramatically changes after treating with pomegranate crude extract.