BACKGROUND: Body weight (BW) has related to hypercholesterolemia and increase risk of cardiovascular disease. Avocado (Persea americana Mill) has some benefits for health. This study aims to determine the effect of avocado juice consumption on BW change of the hypercholesterolemic Wistar rats (Rattus novergicus) model.

METHOD: The subjects were male Wistar rats (Rattus novergicus) aged 2-3 months. The rats were divided into 5 groups as described in the flowchart (Figure 1). All data were statistically analyzed with The One-Way ANOVA test and Bonferroni Post-Hoc test. Values were considered significant at p<0.05.

RESULT: The change of body weight are described in the figure below (Figure 2).

Conclusion: There has no significant effect of avocado juice on body weight in the hypercholesterolemic rats model.

Figure 1. Flowchart of hypercholesterolemia induction and intervention with avocado juice.

Figure 2. Body weight change from each group.