



活絡湯이 關節炎 白鼠의 炎症과 肝에 미치는 影響

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Object : The purpose of this study is to observe the effect of Whuallak-tang on the inflammation and Liver of the Rat with Arthritis, and to demonstrate its efficiency as well as its safety

Method : 1. Have the each group eat a saline solution, 72mg of Whuallak-tang and 144mg of Whuallak-tang respectively at the same time once a day during a week.

2. After a week, check if there is edema and count the number of leukocyte.

3. Measure total protein and bilirubin, GOT and GPT after extracting serum through centrifugal separation.

Result : 1. Right plantar edema occurred much less in sample A and sample B compared to control group.

2. The number of leukocyte of sample A and sample B decreased remarkably compared to control group.

3. The amount of total protein in serum decreased only in sample B group compared to control group.

4. The amount of total bilirubin in serum has no change in both sample A group and sample B group compared to control group.

5. The amount of GOT in serum decreased in both sample A and sample B group compared to control group, but it has no meaning.

6. The amount of GPT in serum decreased remarkably in both sample A and sample B group compared to control group.

conclusion : As a result it was proved that Whuallak-tang is good as antiphlogistic of inflammation of Rat with Arthritis and doesn't bad effect on the liver. Therefore it can be used for healing Arthritis.

Key words ; Whuallak-tang, Arthritis, Edema, Leukocyte