

ABSTRACT

White cabbage is a plant consumed in raw or matured. The compounds of cabbage are water, protein, fat, carbohydrate, calcium, phosphorus, iron, sodium, calcium, sulphur, vitamin A, B1, B2, C, E, niacin, sulforaphane and β carotene. Cabbage is the antioxidant, anticancer, antimicrobe and antifungi so that used as a material of wound healing.

The purpose of study reveals the effectivity of juice of white cabbage to the acceleration of wound healing process. The samples are 32 mice (strain Wistar) divided into 4 groups are group 1 mice applied juice of cabbage 0,5 ml each day into their wound for 3 days; group 2 mice applied juice of cabbage 0,5 ml each day into their wound for 6 days, group 3 mice irrigated with aquades into their wound for 3 days, group 4 mice irrigated with aquades into their wound for 6 days.

Statistic analysis of data by Manova. Results, group 1 amount of fibroblasts and capillaries more increase than group 3. Group 1 amount of chronic inflammation cells more decrease than group 3. Group 2 amount of fibroblasts and capillaries more increase than group 1, but chronic inflammation cells decrease. The conclusion of study using juice white cabbage could increase the acceleration of wound healing of oral mucosa.

