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"Crevicular fluid fibronectin before and after treatment of adult periodontitis

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**CREVICULAR FLUID FIBRONECTIN BEFORE AND AFTER
TREATMENT OF ADULT PERIODONTITIS**

This study was carried out on 20 male subjects ,with age ranged between 35-45 years and were divided into 2 groups:

Group I: Consisted of 10 patients with adult periodontitis (Russell's index score 6) treated with scaling and root planing, oral hygiene instructions and periodontal surgery (flap operation)

Group II: Consisted of 10 subjects with clinical normal gingival (Russell's index score 0) severed as a control

-Gingival crevicular fluid was collected from all the groups before and after treatment for measuring fibronectin level by using enzyme-linked immunoabsorbent assay (ELISA)

-The result of the present study showed a statistical significant decrease in the level of fibronectin in the groupI before treatment when compared to the control group

-Although there is an increase in the level of fibronectin in the groupI after treatment, yet no statistical significant difference was detected as compared to the same group before treatment.

-Statistical significant decrease in the level of fibronectin was found in the group I after treatment as compared to the control group.