

*THE PERIODONTAL HEALTH
STATUS IN PATIENTS FITTED
WITH REMOVABLE
PARTIAL DENTURES*

A THESIS

SUBMITTED TO THE COLLEGE OF DENTISTRY

UNIVERSITY OF BAGHDAD

IN PARTIAL FULFILLMENT OF THE REQUIREMENTS

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SCIENCE IN PERIODONTICS

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ABSTRACT

The purposes of this study were , to determine the effect of long term wearing RPDs on the periodontal parameters (plaque index , gingival index, calculus index, probing depth, gingival recession , bleeding on probing and tooth mobility) , and to correlate the above mentioned parameters with denture age, wearing habit , types of RPDs and number of clasps of cobalt-chromium RPDs.

This study was conducted among the patients who attended to the college of dentistry – Baghdad University, Health Centers and Private Dental Clinic .

This study was conducted among 80 patients, those wearing RPDs.

The sample was divided into two equal groups. Each group consisted of 40 subjects . The first group was wearing cobalt-chromium RPDs and the second group was wearing acrylic RPDs.

The results of this study had shown that both types of RPDs have damaging effects on periodontal tissues, but the acrylic RPDs have more damaging effect on periodontal tissues, than cobalt-chromium RPDs.

Also the results revealed that the long-duration of wearing habits of RPDs and the complexity of the design of cobalt-chromium RPDs lead to more adverse effects on the periodontal tissues.