



**"EVALUATION OF PATIENT SATISFACTION AND RETENTION
CHARACTERISTICS BETWEEN CONVENTIONAL AND IMPLANT
RETAINED DISTAL EXTENSION REMOVABLE PARTIAL DENTURES-
AN IN VIVO STUDY"**

By

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ABSTRACT

Purpose:

There is a paucity of studies concerning the combination of implants and removable partial dentures, thus there arises a need for further research comparing both conventional and implant retained distal extension removable partial dentures.

Objectives:

The aim of this study was to compare the patient satisfaction levels and retention characteristics of conventional with implant retained distal extension removable partial dentures.

Materials and Method:

A total of twelve patients having distally extending partially edentulous areas in the mandibular posterior region were selected for this longitudinal study. Retention was calculated for conventional and implant retained prosthesis using the pulley apparatus designed specifically for this study. Patient satisfaction was evaluated using questionnaire method. Data collected was subjected to statistical analysis.

Results:

For retention, a statistically significant difference ($p < 0.05$) was noted during the pair wise comparisons of retention within the conventional and implant retained removable partial denture groups. The Wilcoxon signed rank test showed a statistically significant difference between patient satisfaction levels of conventional and implant retained removable partial denture groups.

Conclusion:

Within the limitations of this study it was concluded that the patient satisfaction levels for implant retained prosthesis were comparatively higher and retention of the same was much greater than that of conventional prosthesis.