

THE INFLUENCE OF VIDEO MEDIA ON PATIENTS KNOWLEDGE AND COMPLIANCE WITH ROOT CANAL TREATMENT

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ABSTRACT

Background : Non-adherence in undergoing root canal treatment can lead to treatment failure which results in the treatment having to be repeated. In the preliminary study it was known that the knowledge about the importance of stages in root canal treatment was very low

Objective : Video media effect on patient knowledge and compliance in root canal treatment have been known.

Methods : This research is Quasi Experimental with Pretest Posttest Control Group. Sampling used a purposive sampling technique with a population of 64 respondents and a sample size of 60 respondents. The research location is the WD Dental Care Dental Clinic. Data analysis used the Wilcoxon Signed Rank Test and the Mann Whitney Test.

Result : Pretest and posttest results showed influence in the level of knowledge and compliance before and after promotion using video media. The initial knowledge level of the experimental group was 20 (66.7%) in the medium criteria, and the final knowledge increased to good by 26 (86.7%). The experimental group's initial level of compliance with non-compliance criteria was 16 (53.3%), and final knowledge increased to 22 (73.3%) compliance. The results of the Mann Whitney test with the knowledge variable value was $p=0.006$ and the compliance variable was $p=0.180$, which meant $p>0.05$.

Conclusion : Video media has an effect on the level of knowledge, there is no effect on the level of compliance with root canal treatment.

Keywords : Videos, Knowledge, Compliance, Root Canal Treatment