THE EFFECTIVENESS OF PARACHLOROPHENOL CAMPHOR MENTHOL AGAINST ORAL Candida albicans

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Abstract

Introduction: parachlorophenol campher menthol is an antiseptic that usually is utilized for endodontic treatment. Nowadays, this antiseptic is still beneficial although there are some new products are used as root canal antiseptic. The study was conducted to assess the inhibition zone and exposure time of this antiseptics. Method: A diffusion disk test and drug dilution test was applied to examine its activity against Candida albicans isolated from oral cavity. Zones of inhibitions were measured in mm after 48 hours of incubation at room temperature and exposures times could be determined by subculturing 0,1 ml Mc Farland standard of Candida albicans suspension in 1 ml antiseptic everyday until the Candida albicans was not growing any longer. Result: The average of parachlorophenol campher menthol's inhibition zone is 11 mm and its exposure time is 1,5 days. Conclusion: The data demonstrate that antiseptic of parachlorophenol campher menthol have antifungal effect against Candida albicans as well as generally synthetic antifungal.

Keywords: Parachlorophenol camphor menthol, Candida albicans