

43. Planktonic growth and antibacterial efficacy of luting cements.

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The choice of an appropriate luting cement has always been a constant dilemma for a dentist. As secondary caries is the most common problem encountered in the gap between tooth and the cemented restoration, the quest for cements with low susceptibility to biofilm formation becomes imperative or challenge. The use of luting cements incorporated with antibacterial agents may serve the purpose or solve the issue.. The purpose of this study was to evaluate the planktonic growth and compare the antibacterial efficacy of the 4 luting cements on streptococcus mutans and lactobacillus acidophilus using the direct-contact test and agar diffusion test.the zone of inhibition and the density of bacterial suspension determines the antibacterial potential of a cement. .

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