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## Comparative evaluation of shear bond strength and water sorption of a commercially available autopolymerising silicone based soft liner and an autopolymerising acrylic based soft liner- An in vitro study

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## Introduction

A conventional removable dental prosthesis is primarily based on the residual alveolar bone and the overlying mucoperiosteum for its support. The condition of the stress-bearing tissues may be adversely laid low with high-stress concentrations throughout function which might cause significant harm to the supporting tissues resulting in elevated ridge resorption and soft tissue trauma to the denture bearing areas.<sup>[1]</sup>

Regardless of the materials used for denture fabrication, the denture must oftentimes be modified because the alveolar ridge resorbs over a period of time. There are fundamental remedy alternatives to control the denture with bad variation to the oral tissue: both assemble a new denture or repair the suit of the prevailing denture through relining.<sup>[2]</sup>

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