

## University of Baghdad

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Thesis Title	Effect of varnish and die spacer on the retention of complete cast crowns		
Year	1990		
Abstract	<p>In this study, the effects of cavity varnish and die spacer on the retention of cemented complete cast crowns evaluated.</p> <p>Freshly extracted human premolars were used in this The teeth were then embedded in individual blocks of acrylic resin by using a surveyor to position the long axis of the clinical crown parallel to that of the acrylic block, teeth were then received a complete crown preparation, samples were randomly divided into four groups. For each group, casting were fabricated, cemented, and tested.</p> <p>the result reveals that the best retentive capacities of <b>the</b> cemented crowns are gained with the unspaced, <math>64.44^{12.56}</math> pounds (<math>412.23 + 61.85</math> PSI), and spaced. <math>58.247 + 8.125</math> pounds (<math>416.48 + 26.49</math> PSI), cast crowns that cemented to the untreated prepared teeth surfaces. While the least retentive capacities of the cemented crowns are gained with the unspaced, <math>24.86 + 4.65</math> pounds (<math>174.89 + 17.56</math> PSI), and spaced, <math>16.06 + 4.01</math> pounds (<math>110.79 + 17.57</math> PSI), cast crowns that cemented to the prepared teeth surfaces that received two coats of cavity varnish prior to cementation procedure.</p>		