Authors	YP	Titel	Journal	To Be quoted	Aim	Materials & Methods	Statitical Analysis	Results	Conclusions	Remarks	Relevance
Perdigao, J. et al.	1997	In vitro interfacial relationship between human dentin and one-bottle dental adhesives	Dent Mater	very well organized overview about bonding & problems associated with bonding	To investigate the influence of solvent in on step adhesives	SBS Test, Morphology					medium
Jacobsen, T.	1995	Some effects of water on dentin bonding	Dent Mater	It has also been found that acetone can be a more efficient solvent than water in a primer, at least when HEMA is used as the priming agent (Kanca, 1992). water reducec DOC. Water lets HEMA not penetrate as quickly in the network.	The objective of this study was to test the hypothesis that increased priming time, particularly if water is used as a solvent, improves dentin bond strength and that water inhibits polymerization	SBS Test, 30 d at 37°C, Materials produced on their own	Tukey	water based Primer showed lower bond strength compared to aceton based primer. water leads to sign. decrease in Degree of conversion	In conclusion, to achieve good dentinal bonding, the primer solution should exhibit an ability to infiltrate the demineralized dentin. To optimize the quality of the interpenetrating network formation, the infiltrating primer should mix and remove water without causing a collapse of the collagen network in order to maximize the density of the infiltrating primer.		high