Influence of using zirconia primer on some properties of two resin cements bonded to zirconia

Thesis

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List of abbreviations

Abbreviation	Explanation
6-MHPA	6-methacryloyloxyhexyl phosphonoacetate
ADA	American Dental Association
ANOVA	Analysis of variance
AR	Adhesive resin cements
ATR	Attenuated total reflectance
Bis-GMA	Bisphenol A-glycidyl methacrylate
BPDMA	Biphenyl dimethacrylate
C	Cubic phase
Ce-TZP	Ceria stabilized zirconia
CR	Conventional resin cements
CQ	Camphorquinone

DC	Degree of conversion
DSC	Differential scanning calorimetry
DTA	Differential thermal analysis
EDMAB	Ethyl-4-dimethylaminobenzoate
EPR	Electron paramagnetic resonance
Er:YAG	Erbium-doped yttrium aluminium garnet laser
FIR	Far-infraed
FPD	Fixed partial denture
FTIR	Fourier transform infrared spectroscopy
HEMA	Hydroxyethyl methacrylate
IR	Infrared
ISO	International Organization for Standardization
K.V	Kilovoltage
KBr	Potassium bromide
LED	Light emitting diode
LTD	Low temperature degradation

M	Monoclinic phase
MDP	Methacryloyloxydecyl dihydrogen phosphate
MEHQ	4-Methoxyphenol
META	4-methacrylethyl trimellitic anhydride
Mg-PSZ	Magnesia partially stabilized zirconia
MIR	Mid-infrared
NIR	Near-infared
NMR	Nuclear magnetic resonance
Phenyl-p	2-Methacryloyloxyethyl phenyl phosphate
PMGDM	Pyromellitic glycerol dimethacrylate
PMGDM	Pyromellitic glycerol dimethacrylate
PPD	Phenyl propanedione
PSZ	Partially stabilized zirconia
R	Resin cement