

CEMENTATION GUIDELINE

FORMS OF CEMENTATION¹

Due to their high strength, zirconia restorations can be attached both adhesively as well as conventionally. A prerequisite for conventional cementation is sufficient retention and a corresponding minimum stump height of 3 mm. Highly translucent zirconia such as Zolid FX benefits from adhesive cementation in particular. Translucent and procolored cementation materials can underline coloring, especially in the anterior region.



	Conventional cementation	Adhesive/self-adhesive cementation
Processing	Low effort	High effort
Bonding strength	No adhesive bonding (Attention: adequate retention shape of the die and minimum stump height of 3 mm must be observed)	Adhesive bonding High adhesive bond
Luting materials*	<ul style="list-style-type: none"> _Zinc oxide phosphate cements _Acrylic-reinforced glass ionomer cements e.g. Fuji PLUS (EWT) / GC _Glass ionomer cements e.g. Vivaglass CEM / Ivoclar Vivadent 	<p>Adhesive cementation:</p> <ul style="list-style-type: none"> _e.g. PANA VIA™ V5, 21, F 2.0 / Kuraray Noritake _e.g. Multilink® Automix / Ivoclar Vivadent <p>Self-adhesive cementation</p> <ul style="list-style-type: none"> _e.g. RelyX™ Unicem / 3M Espe _e.g. SpeedCEM® / Ivoclar Vivadent

¹ These are recommendations only! Please observe the respective information of the manufacturers.

² Pictures: MDT Benjamin Votteler, Dentaltechnik Votteler/GER