

# Rescue Manual (cemented)

## Procedure for cemented implant abutment Connections after an abutment fracture



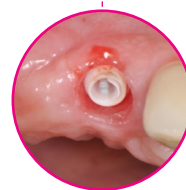
**1.** Place guide sleeve on the implant and make sure it is seated securely. A light-cured composite (e.g. primopattern LC) can be used to fix the guide sleeve in connection with the adjacent teeth.



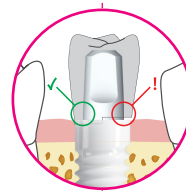
**2.** Using the turbine or red handpiece, intermittently mill the abutment at a speed of 80,000 - 160,000 rpm. Use minimum pressure and ensure a high level of water cooling. The window opening of the guide sleeve should be used to provide additional cooling. Stop every 10 - 15 seconds to make sure that the cooling water is still being fed to the tip.



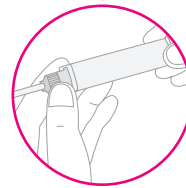
**3.** Drill down to the appropriate depth (drill stop). You may wish to avoid using anaesthesia to make sure that the patient remains aware and to avoid necrosis as a result of overheating.



**4.** Check the fit with the new abutment. The abutment must lie on the implant collar.



**5.** The abutment should be bonded using a cement which is approved for connecting zirconium dioxide to zirconium dioxide. Kuraray Panavia™ F 2.0/V5, 3M RelyX™ Unicem and Saremco els cem are recommended.



**6.** Please contact our specialist consultants if you would like to review the reason for the abutment fracture.