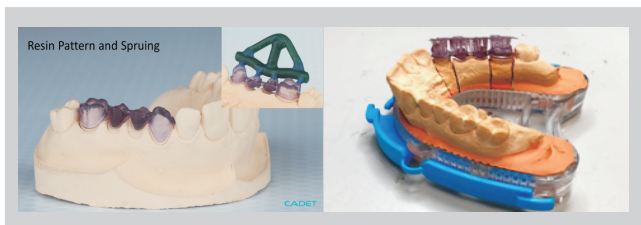


## 3D Printing & Casting of a Dental Coping

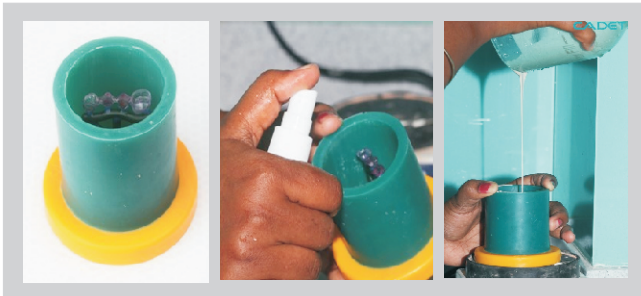
### Printed Part



### Fitment Checking



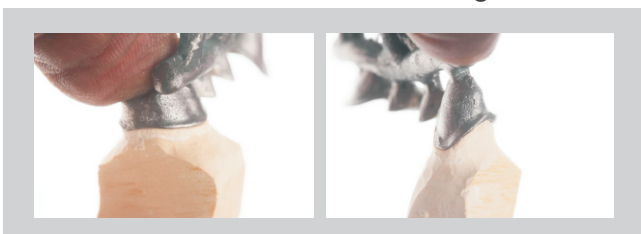
### Investment followed Burn out



### Removal of Casting



### Fitment check of Casting



## Product used : Accuprint Dental Cast Resin



### About The case

In this case a four-unit Crown and Bridge coping has been designed digitally and the pattern for casting was printed by 3D printing using D Tech 3D Accuprint Cast resin. Wax up was substituted by 3D printing. The goal was to get a casting which fits perfectly.

### Outcome & Comment

The pattern that was printed with Accuprint – Dental Cast Resin was a perfect fit on the dental model. Furthermore, there was no warpage in the pattern during the investment process. In the burnout process there was an ash free burnout of the pattern which is evidenced by a clean casting. Most importantly the final casting was a perfect fit on the model.

“D Tech Castable Resin results were found to be accurate fit and resulted in defect free casting of dental copings”

### About the Lab

CADET (Center for Advanced Dental Education and Training) was founded in the year 2000, to impart skill and knowledge on new treatment protocols for dentists and dental technicians. CADET specializes and developed expertise in trainings related to prosthodontics.