

# Quick Start Guide - NuSmile Posterior

## Step 1

*Pick the right size*



Choose the appropriately sized crown for the space and evaluate occlusal relationship. Crown size can be determined using NuSmile *Try-In* crowns and should be done prior to tooth preparation.

## Step 2

*Initiate preparation*



Remove 1-2mm from the occlusal surface following the natural occlusal contours.

## Step 3

*Supragingival reduction*



Open interproximal contacts and reduce entire clinical crown by 20-30% (or 0.5-1.25mm). The resulting preparation will be parallel to slightly converging occlusally.

## Step 4 and Step 5

*Create margin and refine*



Carefully extend and refine the preparation margin to a feather-edge approximately 1-2mm subgingivally with a thin, tapered diamond. Check that no undercuts or subgingival ledges remain. Round all line angles of prepared tooth.

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Refer to NuSmile ZR Crowns Technical Guide for more detailed information

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## Step 6

*Test the fit*



### **Method 1**

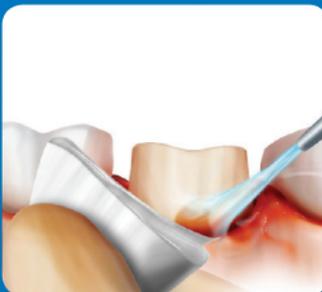
Use NuSmile *Try-In* crowns to avoid contamination with saliva or blood of NuSmile **ZR** crown's prepared internal surface.

### **Method 2**

Use the NuSmile **ZR** crowns selected for the patient. If contamination with saliva or blood occurs, clean internal crown surface with Ivoclean\* or sandblast with aluminum oxide.

## Step 7

*Prepare for cementation*



Clean teeth of saliva, blood or debris and control gingival hemorrhage.

## Step 8

*Fill. Position. Clean up.*



Use NuSmile **BioCem**™ Universal BioActive Cement, resin cement or RMGI. Hold crowns firmly in place until cement self-sets or is light cured. Clean up.

## Step 9

*Adjust if necessary*



Check occlusion; if a NuSmile **ZR** crown is in high occlusion, the opposing teeth may be adjusted as necessary.

*When multiple teeth are being restored, try all crowns together to ensure they fit well and seat passively. If crowns do not fit passively, refine the preparation of the tooth to fit the crown. NuSmile **ZR** Adjustment Burs may be used to shorten the gingival margin of the crown as necessary.*

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