

The image shows two teeth that have been prepared for aesthetic crowns. The teeth are positioned side-by-side against a solid blue background. Each tooth has a smooth, rounded preparation with a distinct shoulder finish at the top edge. The text 'Aesthetic Crown Preparation' is overlaid in the center of the image in a red, serif font with a white outline.

# Aesthetic Crown Preparation

Menu

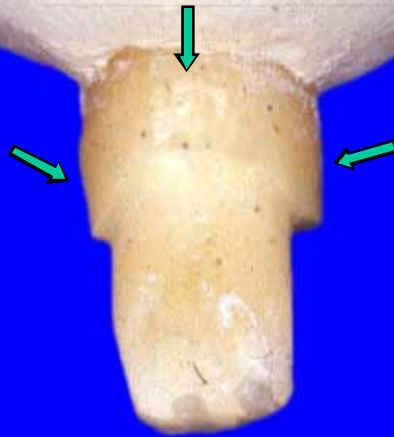
Bevelled Margin  
Mesially Palatally and Distally



Menu



Bevelled Margin  
Mesially Palatally and Distally



Menu



Bevelled Margin  
Mesially Palatally and Distally



Menu



Butt Margin No Bevel Labially



Menu



# Initial Enamel removal

556



Menu



# Shoulder Preparation

556



117



Menu



# Initial Bevel Placement

556



117



311



Menu



# Refined Bevel

556



117



311



7901



Menu



# Palatal and Occlusal Reduction

556



117



311



7901



255



Menu



# Shoulder Preparation

556



117



311



7901



255



PN  
684



Menu



Diamond Burs are made by  
Intensiv supplied by  
Metrodent Limited in the UK  
01484 461616

Menu



# Aesthetic Crown Preparation



Menu

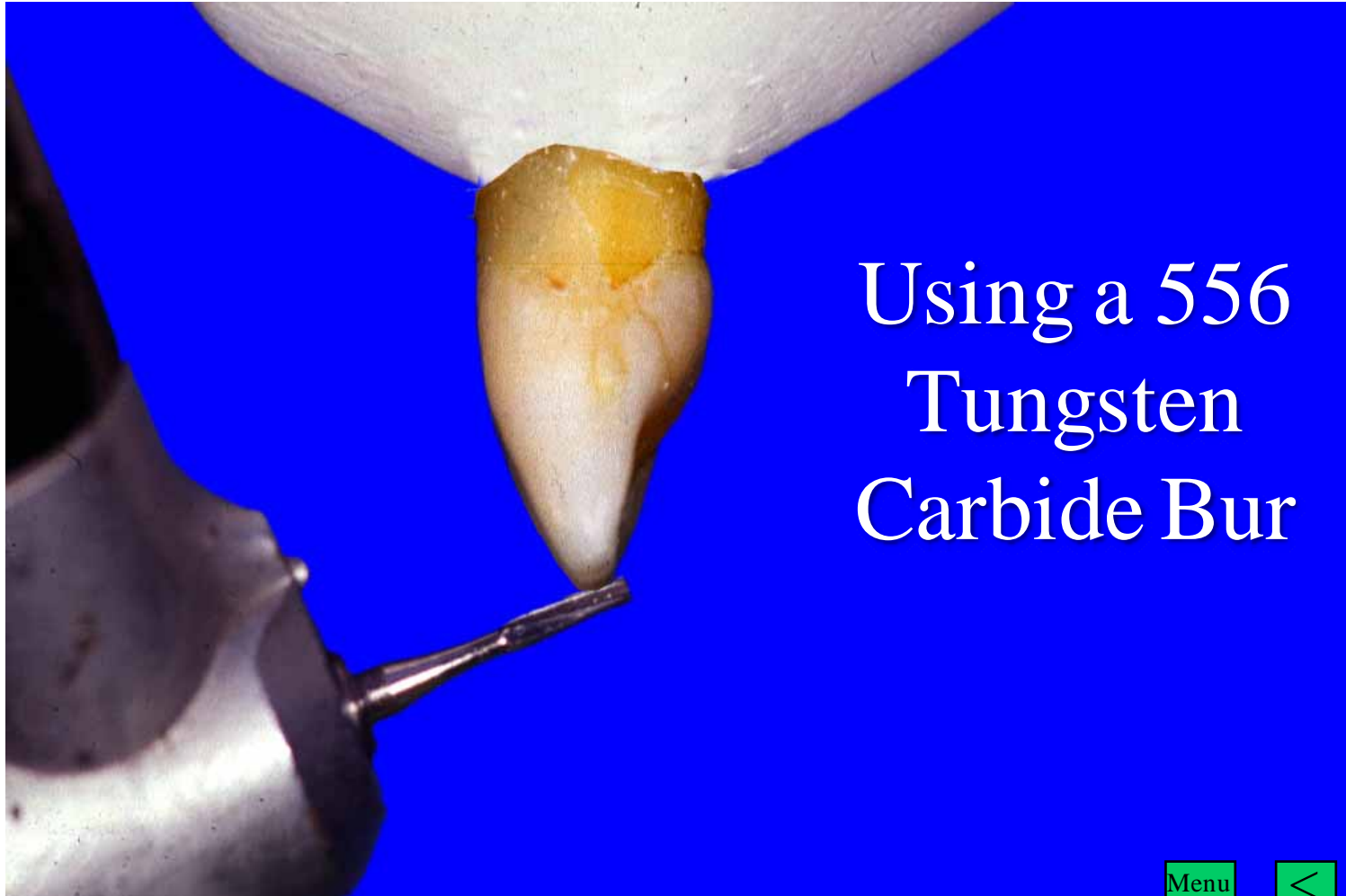




## Initial Incisal Reduction

Menu





Using a 556  
Tungsten  
Carbide Bur

Menu






## Initial Incisal Reduction

Menu



A photograph of a dental specimen, likely a tooth, mounted on a metal instrument. The instrument is positioned to measure the incisal reduction of the tooth. The background is a solid blue color.

Measure  
the Initial  
Incisal  
Reduction

Menu



A dental model of a tooth is shown against a blue background. A metal periodontal probe is inserted into the gingival sulcus at the base of the tooth. The probe has a thin, sharp tip and a curved handle. The text "Use a Periodontal Probe" is written in white serif font to the right of the tooth.

Use a  
Periodontal  
Probe

Menu






Measure  
the Initial  
Incisal  
Reduction

# Incisal Reduction

- Upper Incisal Reduction 3 mm
- Lower Incisal Reduction 2mm

Menu



A close-up photograph of a dental model of a tooth. A metal probe is positioned vertically against the incisal edge of the tooth. The background is a solid blue color. The text 'Re-measuring the Incisal Reduction' is overlaid on the right side of the image in white serif font. In the bottom right corner, there are two small green buttons: one labeled 'Menu' and one with a left-pointing arrow.

# Re-measuring the Incisal Reduction

Menu



Make Several Depth Cuts



Menu



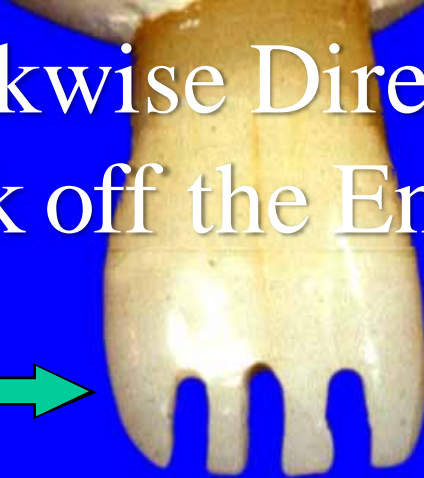
Cut across the Incisal Tip in the  
Direction Indicated



Menu



The Clockwise Direction will  
break off the Enamel



Menu



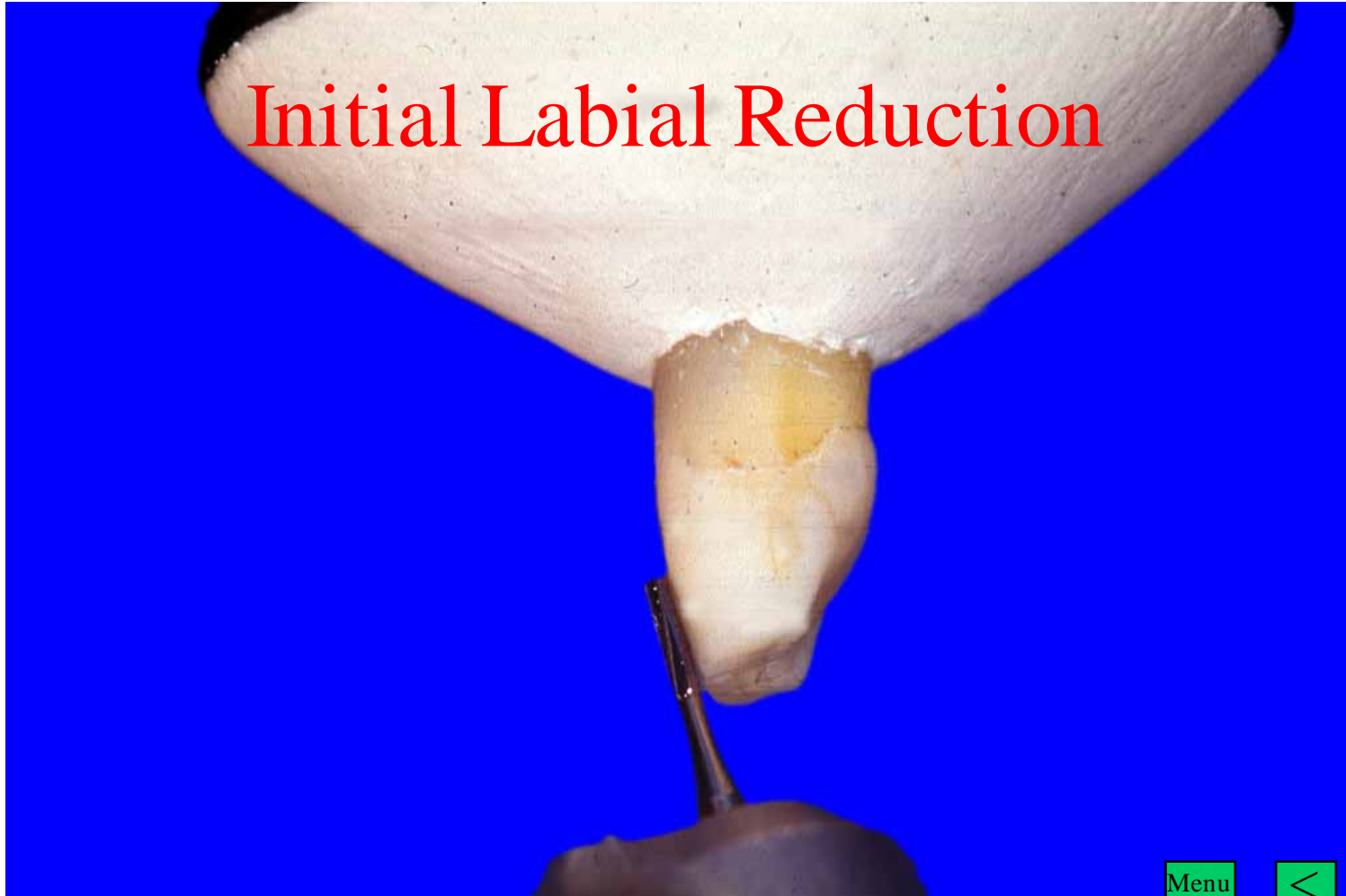
Incisal Tip Reduced



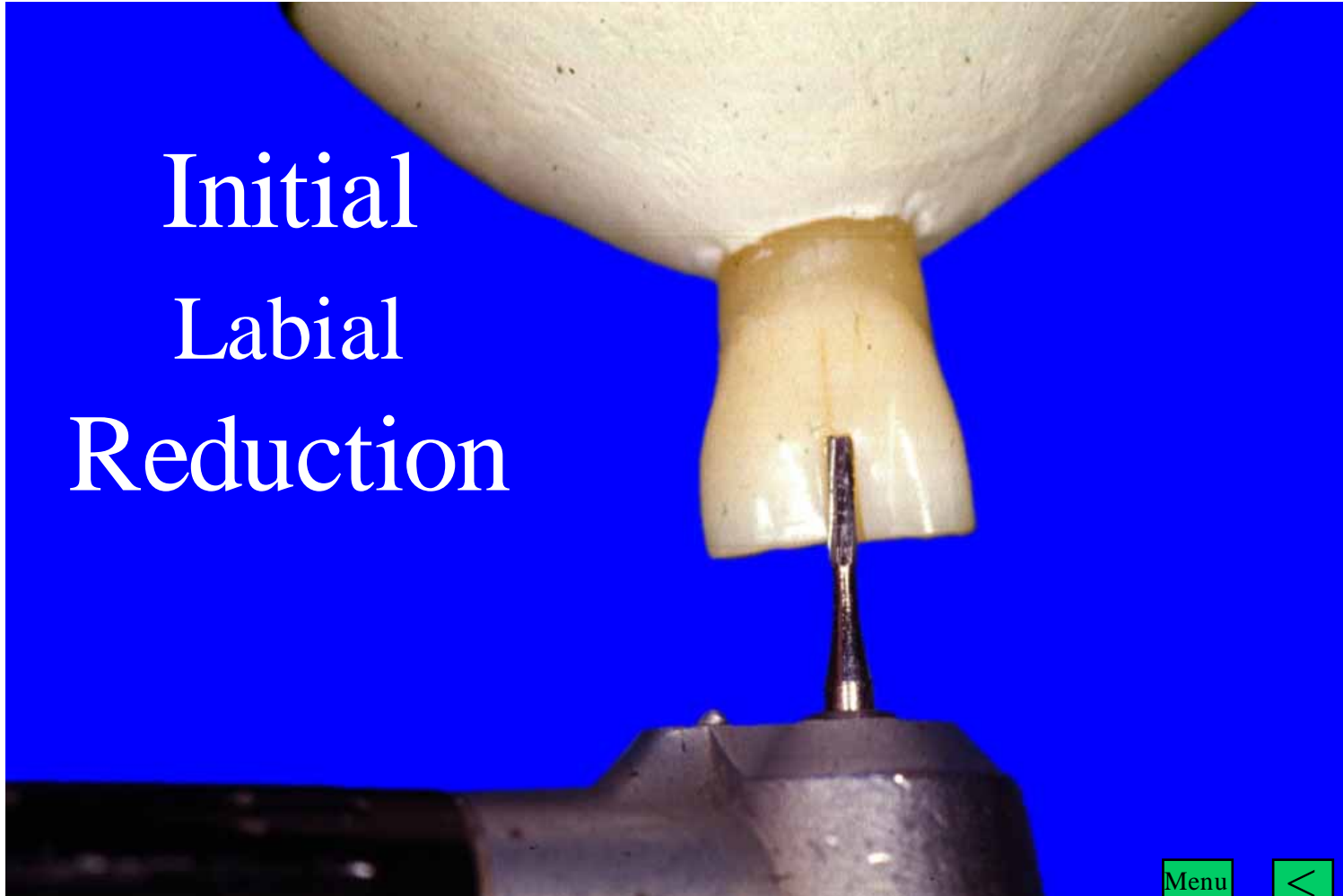
Menu



# Initial Labial Reduction



# Initial Labial Reduction



Menu



# Initial Labial Depth Cuts



Menu



# Initial Labial Reduction



Menu



# Initial Labial Reduction



Menu



# Secondary Labial Reduction



# Secondary Labial Reduction



Menu



# Secondary Labial Reduction



Menu



# Planning the Parallel Lingual Reduction



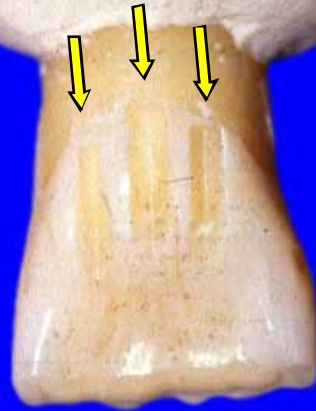
Menu



# Planning the Parallel Lingual Reduction



# Lingual Depth Cuts



Menu



# Lingual Reduction



Menu



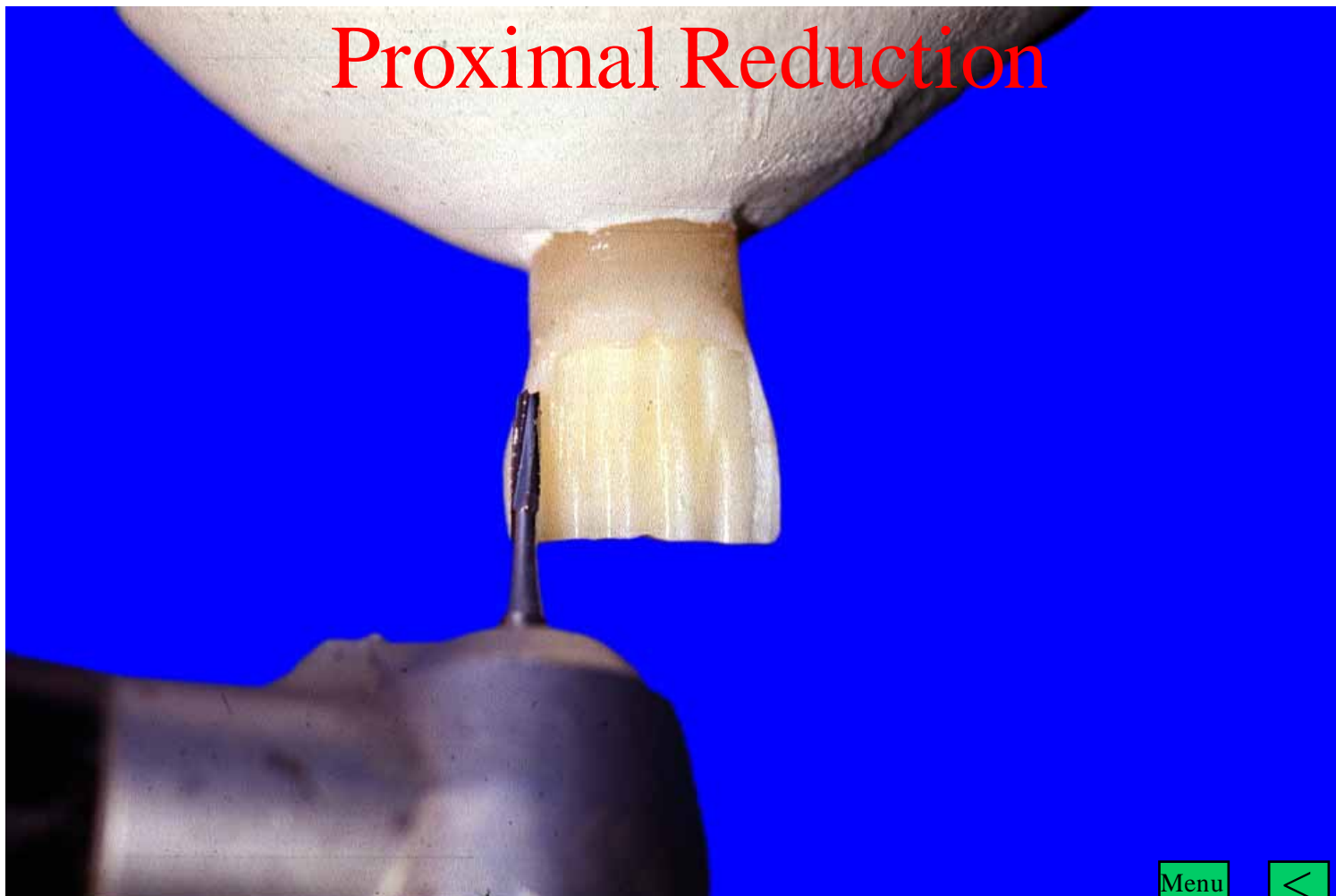
# Lingual Reduction



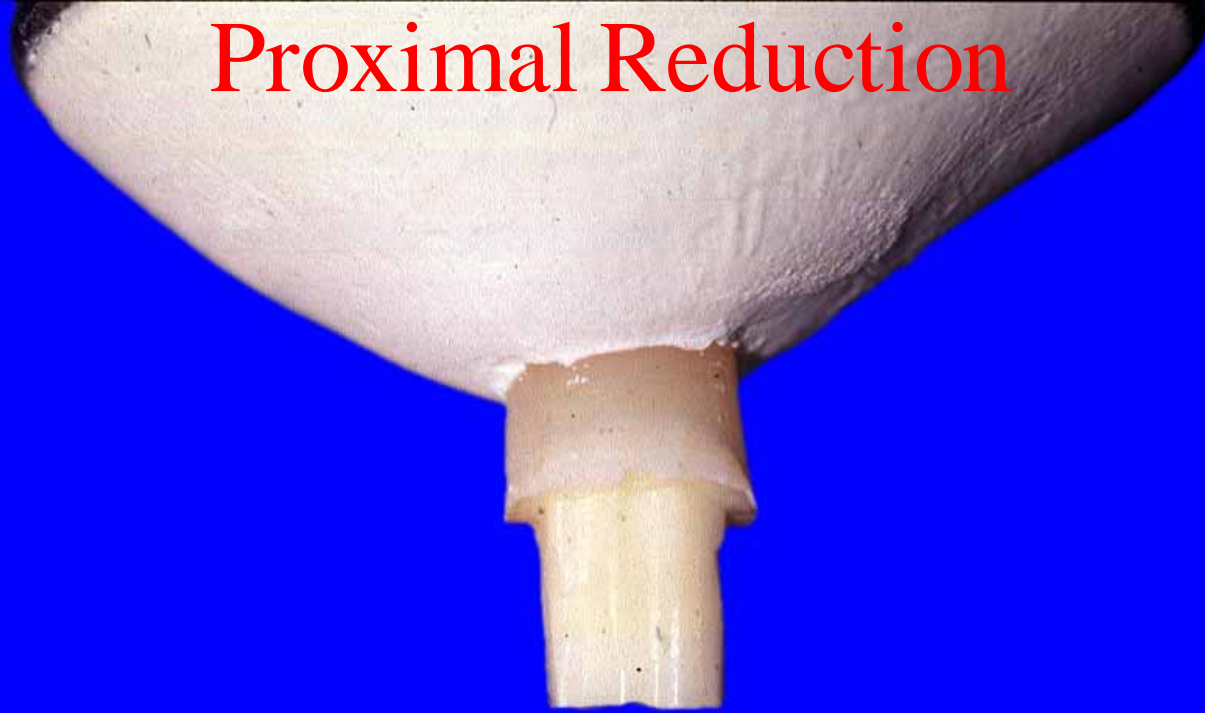
Menu



# Proximal Reduction



# Proximal Reduction



Menu



# Final Palatal Reduction



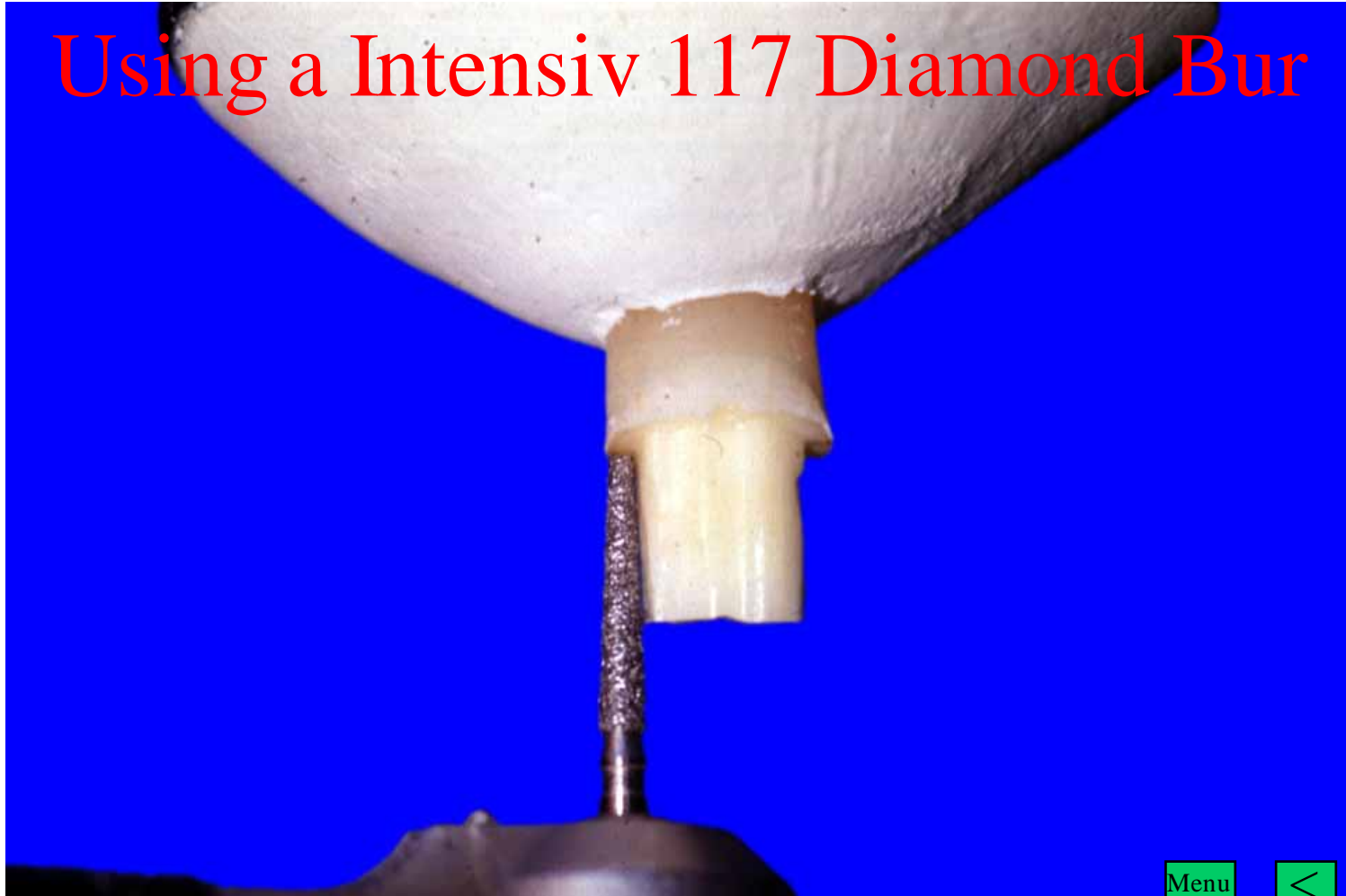
# Creating the Final Taper



Menu



# Using a Intensiv 117 Diamond Bur



Keep the Bur Parallel all the Time



Menu



Do not Tilt the Bur



This will produce  
a 5-6 Degree Taper



Menu



This will produce  
a 5-6 Degree Taper



Menu



# Planning Alignment without the Bur Rotating



Menu



Move the Bur from Buccal  
to Lingual



Menu



Move the Bur from Buccal  
to Lingual



Menu





Repeat Several Times to check Bur Orientation

Then using this Orientation refine  
the Bevel



Menu



Then using this Orientation refine  
the Bevel



Menu



# Refine the Labial Surface



Menu



# The Refined Labial Surface



Menu



# The Refined Labial Surface



Menu



# Preparation ready for Labial Shoulder and Bevel development



Menu



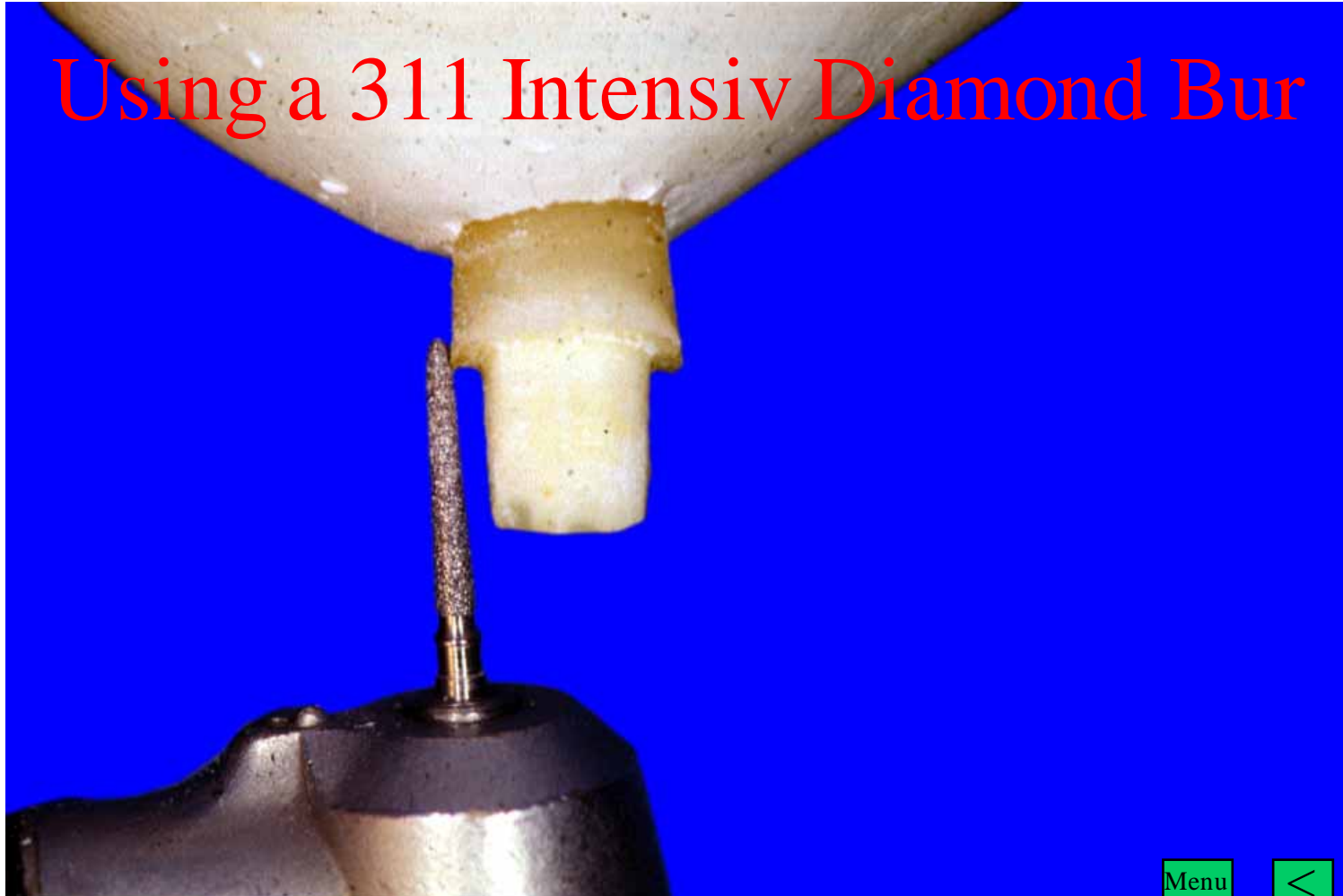
# Rough Bevel Preparation



Menu



# Using a 311 Intensiv Diamond Bur



Use the Tip and  
Tilt Slightly inwards



Menu



Rough Bevel Completed



Menu



# Refining the Rough Bevel



Menu



Using a 12 Sided 7901 TC Bur



Bevel Refined

Menu



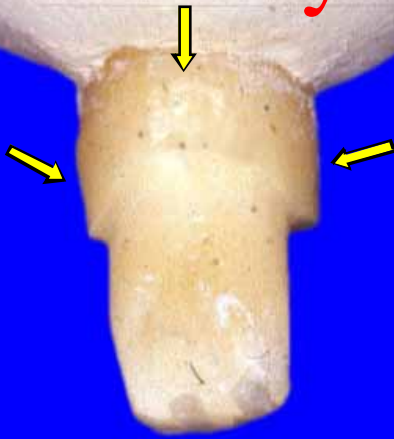
# Bevelled Margin Mesially Palatally and Distally



Menu



Bevelled Margin  
Mesially Palatally and Distally



Menu



Bevelled Margin  
Mesially Palatally and Distally



Menu



# Butt Margin No Bevel



Menu



# Refine the Butt Margin



Menu



# Remove Sharp Enamel Crystals



Menu



# Safident Chisel PKT- F20



Menu



Safident Chisel PKT- F20

Rue Combe 5

1195 Gland

Switzerland

Telephone 0041 22 364 1165

Fax 0041 22 758 2114

Menu



# Refine the Butt Margin using a PN 684 End Cutting Diamond Bur



# Refine the Butt Margin



Menu



# The Finished Preparation



Menu



# The Finished Preparation



Menu



# The Finished Preparation



Menu



# The Finished Preparation



Menu





The End