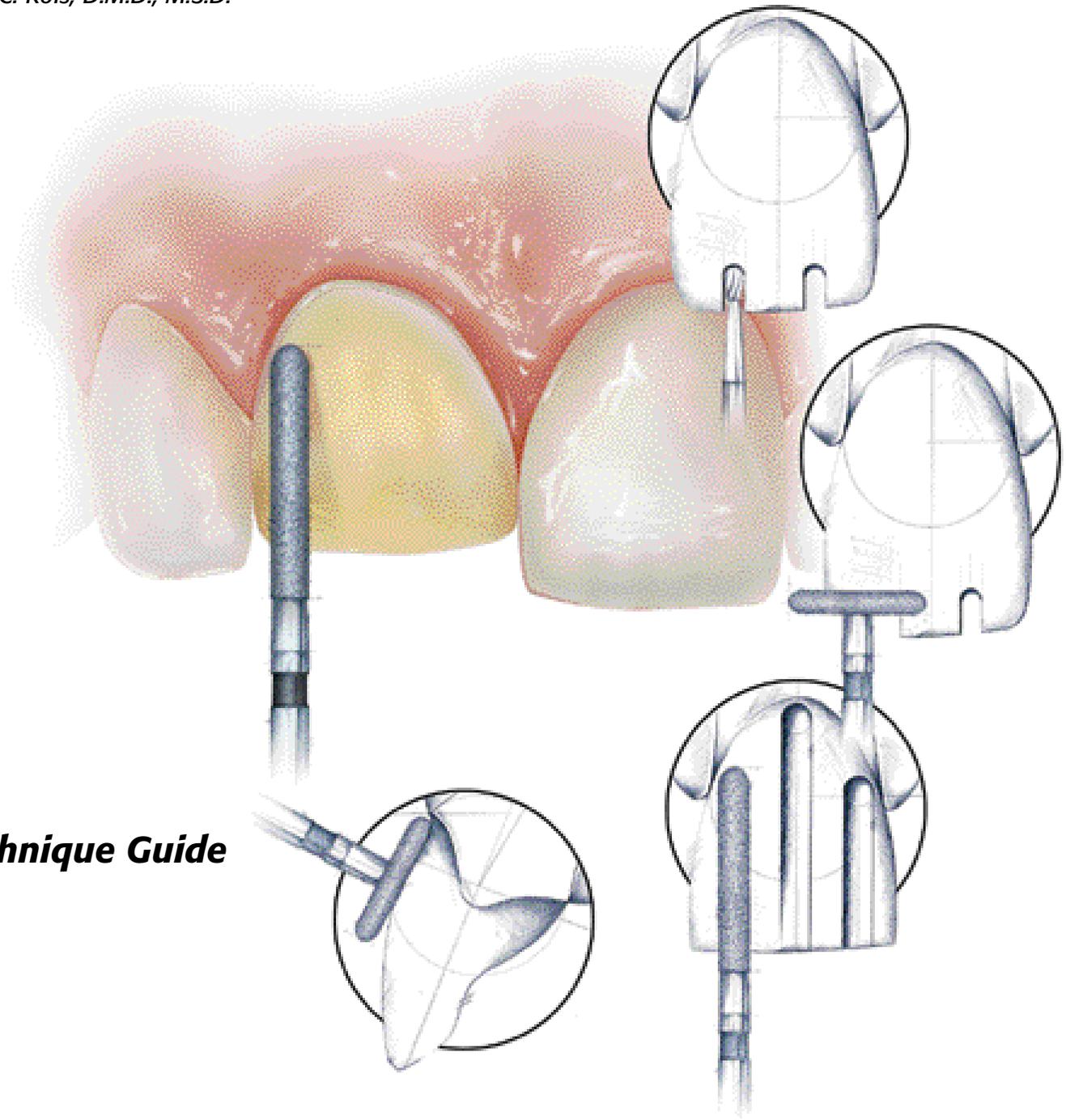


# ***KS Tooth Preparation System***

*John C. Kois, D.M.D., M.S.D.*



## ***Technique Guide***

***Consistent, Rational, and Systematic.***

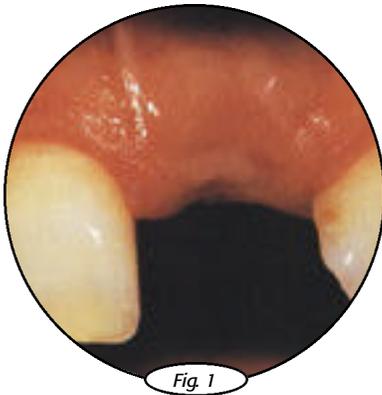
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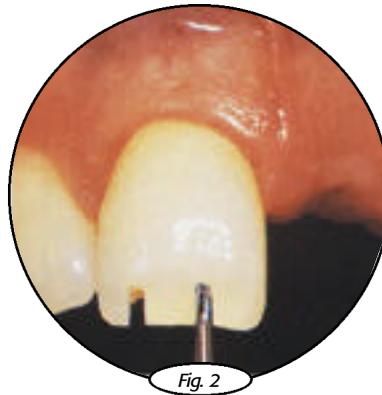
# KS Tooth Preparation System

The KS Tooth Preparation System according to Dr. John C. Kois includes all of the burs necessary for optimal preparation and insertion of indirect restorations of anterior teeth.

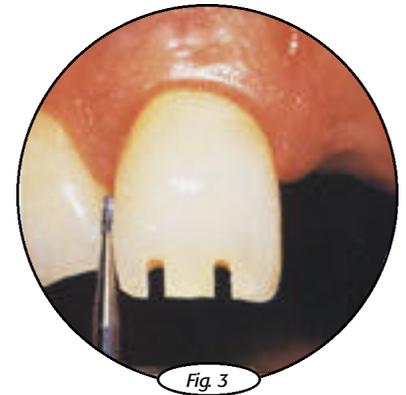
## Technique



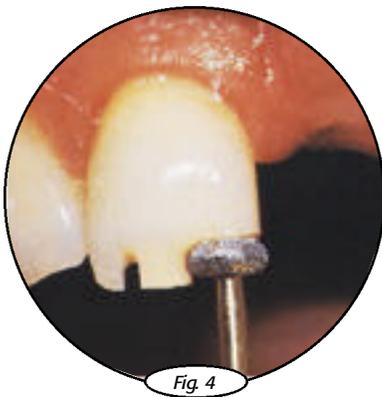
The initial clinical view of tooth #8.



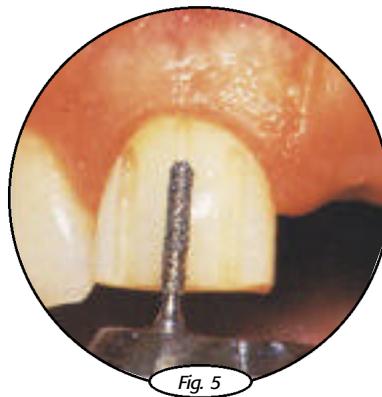
Incisal depth cuts are made with a Brasseler USA 330MWV carbide with a 2mm head length.



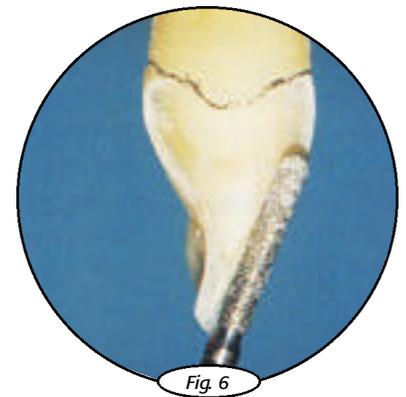
Opening the interproximal contact with Brasseler USA 330MWV carbide.



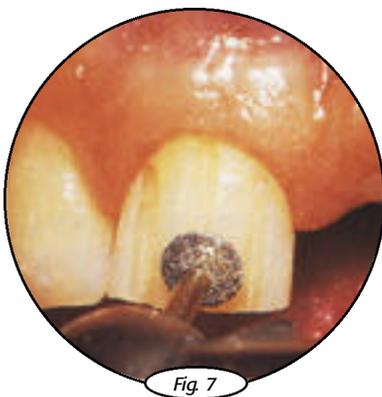
The gross incisal reduction is completed with the use of a Brasseler USA KS7 super coarse grit diamond wheel.



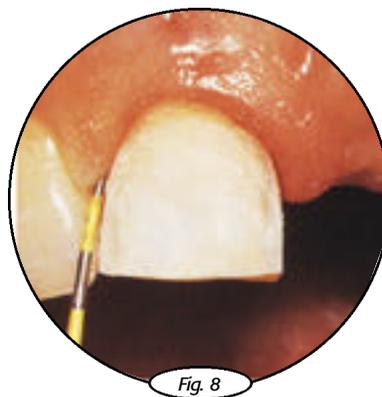
The Brasseler USA KS1 round-ended cylinder, 1.2mm diameter diamond bur is used for facial depth guide ensuring minimum reduction (1.3-1.5mm for PFM, .5-1.0mm) for full ceramic crowns. All anterior teeth have three facial planes to be considered in tooth preparation: cervical, midfacial, and incisal.



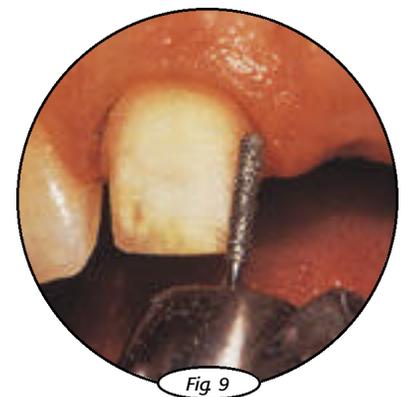
With the depth guide located in the midfacial plane, note the minimal cervical reduction.



The gross facial reduction is completed with the use of the Brasseler USA KS7 super coarse diamond wheel.



Sounding of the osseous crest reveals a 3.0mm total dentogingival complex. The patient exhibits a normal crest; therefore, the tissue level is stable.



Initial margin location, preparation 0.5 to 1.0mm apical to the free gingival margin, which is essential to follow the gingival scallop. This margin location will preserve the biological zone in a normal crest relationship.

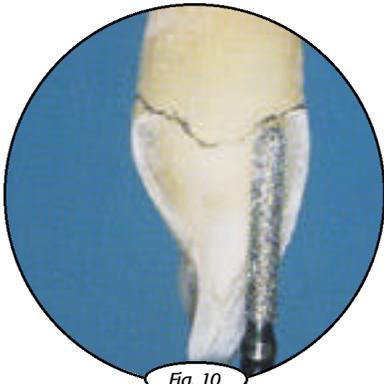


Fig. 10

The Brasseler USA KS1 round-ended diamond bur enables the operator to follow the interproximal scallop in the same plane as the tooth preparation.

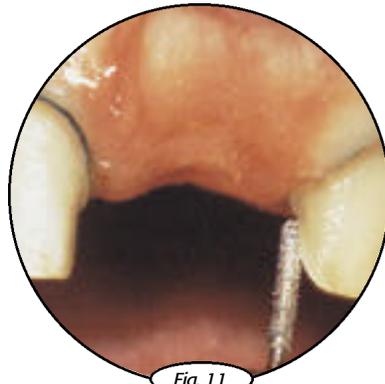


Fig. 11

The Brasseler USA KS1 diamond instrument is used to blend through the interproximal to create the 1.0mm lingual shoulder.

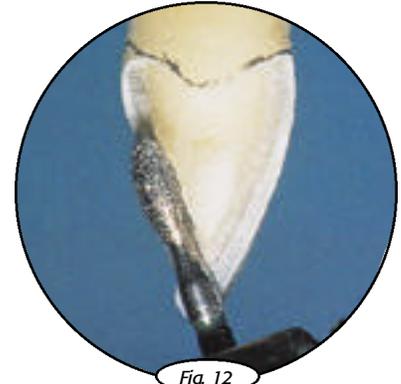


Fig. 12

The Brasseler USA KS4 "tulip bulb" shape coarse and fine grit diamonds are used to create lingual reduction and lingual concavity.

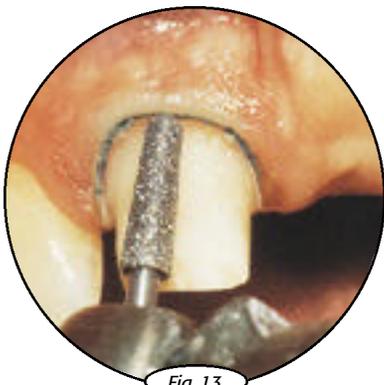


Fig. 13

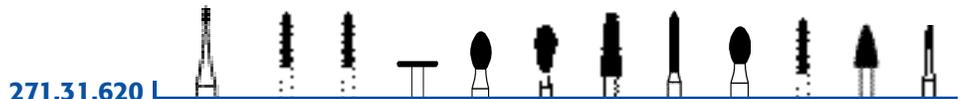
The Brasseler USA KS6 (1.6mm-diameter tip round-ended taper, medium grit) diamond instrument is used to refine the shoulder. (note the facial margins should equal the coronal aspect of the primary retraction cord.) The interproximal margin should be level with the displaced interproximal tissue. The KS6 develops a crisp external margin and a rounded internal margin.



Fig. 14

The final restoration after insertion.

## KS Universal Tooth Preparation System



271.31.620 |

US No.	329MWV	KS0	KS1	KS7	KS4	KS5	KS6	-	KS4F	KS0F	-	-
Order No.	H24	30005	35005	35003	35010	35010	30006	885	38010	38005	0053	889M
Order No.	008	077	052	039	006	005	131	012	006	077	031	007
Size Ø 1/10 mm	008	010	012	054	024	031	025	012	024	010	031	007
L mm	2.0	7.0	7.0	1.0	4.2	6.2	9.0	8.0	4.2	7.0	6.0	-
Grit			●	●	●	●			●	●		

### KS Universal Tooth Preparation System

Developed by Dr. John Kois

Friction Grip 31 –  
Ø1.60mm x 19mm L



Preparation system for full coverage crowns, inlay-onlay, and veneer restorations.



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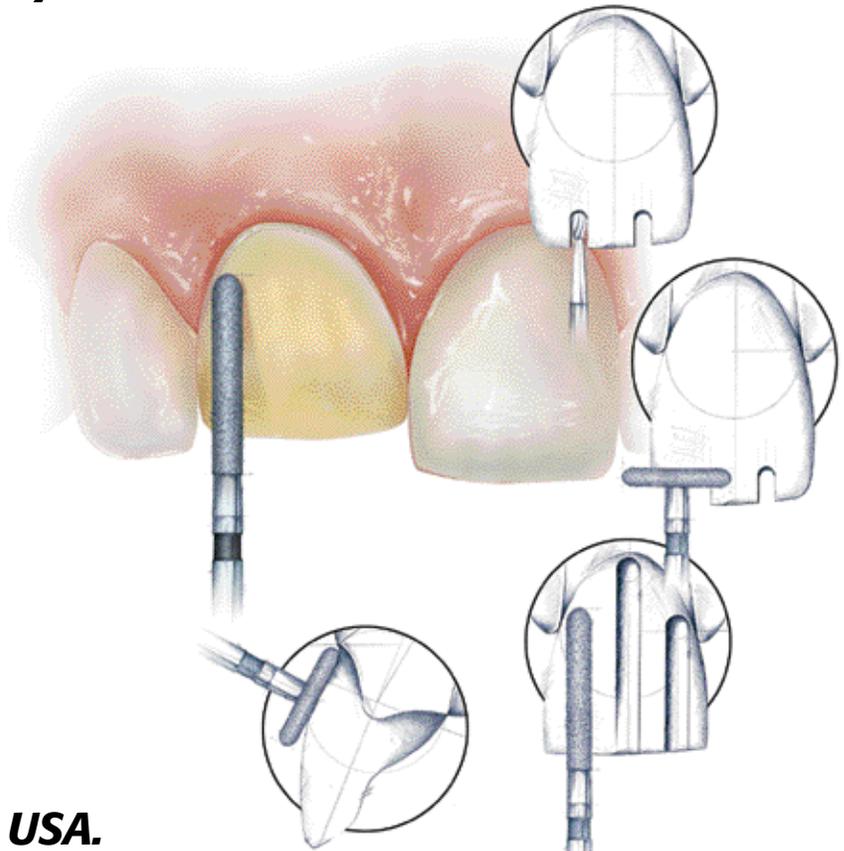
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## ***KS Tooth Preparation System***

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***Technique Guide***

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