

## XVIII. Drawing External and Internal Finish Lines for Tooth Borne and Tooth & Tissue Borne RPD's

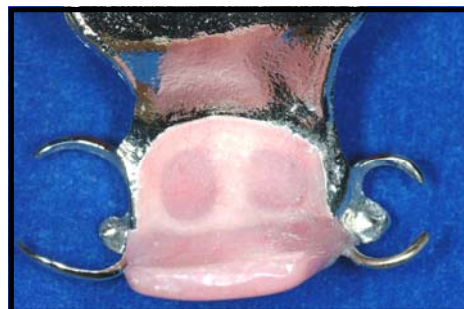
Finish lines are lines of demarcation for the planned junction between the metal of the RPD framework and the denture base acrylic resin.



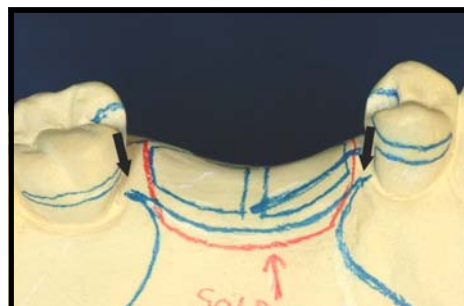
The external finish line delineates the metal/resin junction on the outer surface of the RPD.



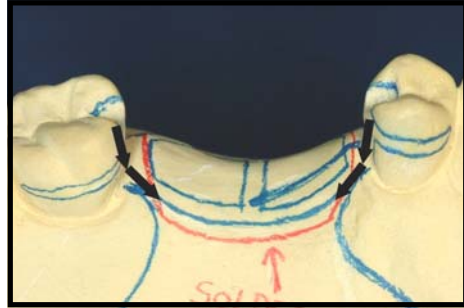
The internal finish line delineates the metal/resin junction on the tissue side or inner surface of the RPD.



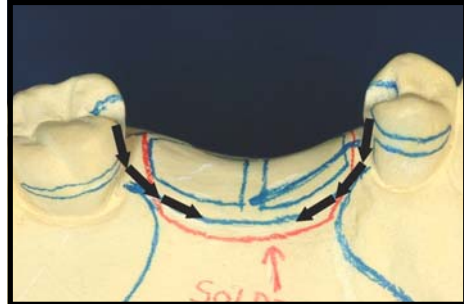
To draw the external finish line on tooth borne RPD's or tooth borne segments of tooth and tissue borne RPD's begin with a blue pencil line at the lingual line angle of the abutment tooth.



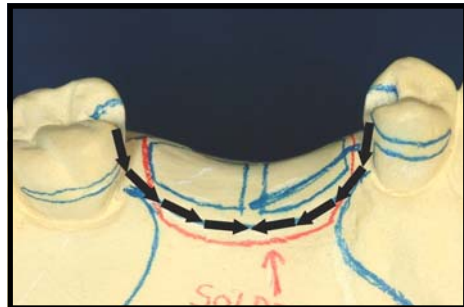
Continue the line vertically, crossing the free gingival margins of the abutment teeth.



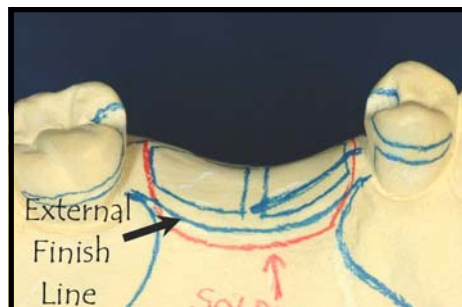
Continue the line horizontally, slightly lingual to the partially edentulous ridge crest.



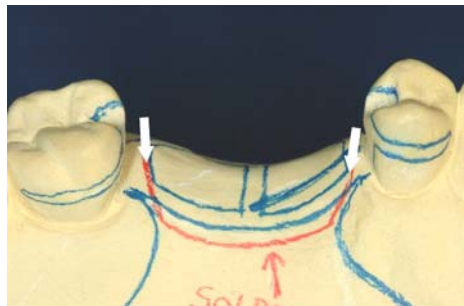
Continue the line horizontally, paralleling the partially edentulous ridge crest.



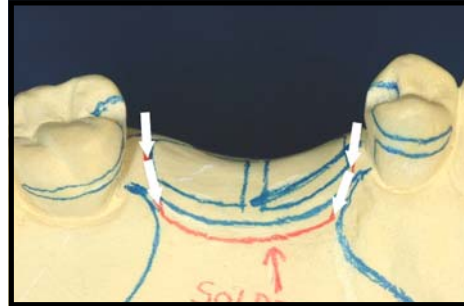
The external finish line is shown drawn in "blue pencil" on the cast.



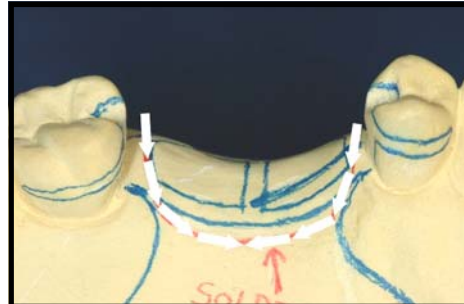
The internal finish line is drawn in red pencil and begins on the most buccal aspect of the retentive network 1 mm from the free gingival margin of the abutment teeth.



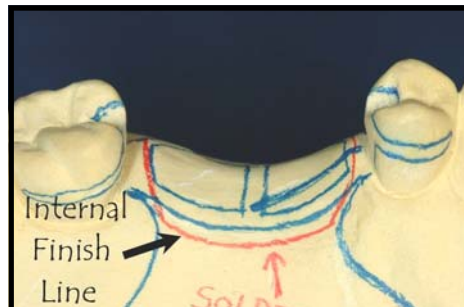
Continue the line lingually about 1.5 mm beyond the external finish line.



Continue the line horizontally, paralleling the external finish line.



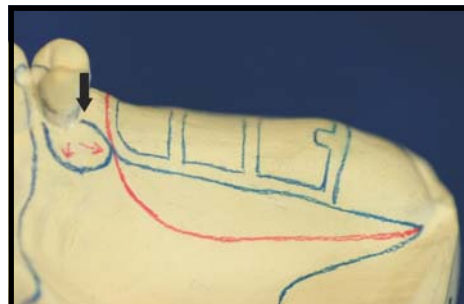
The internal finish line is shown drawn in red pencil on the cast.



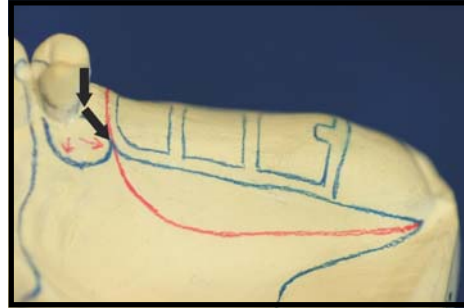
The external finish line for the maxillary tooth & tissue borne removable partial denture delineates the metal resin junction on the outer surface of the RPD.



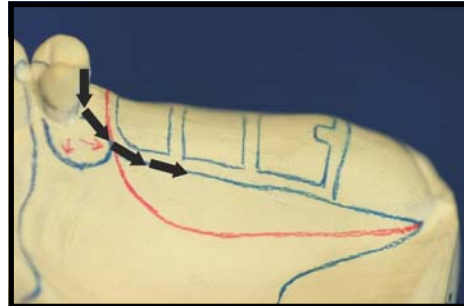
As with the tooth borne RPD's start a blue pencil line at the distolingual line angle of the abutment tooth.



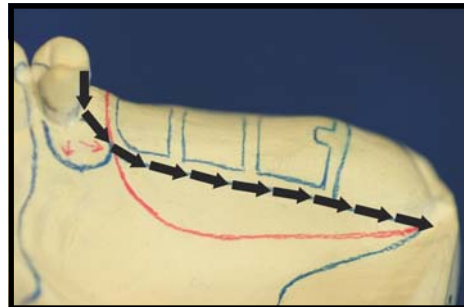
Continue the line vertically, crossing the free gingival margin of the abutment tooth.



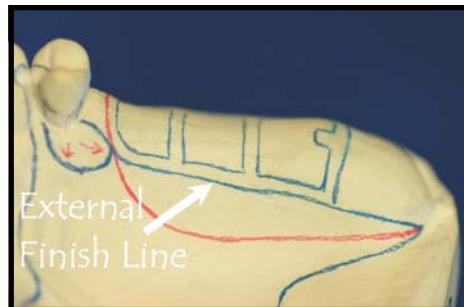
At a location, slightly lingual to the edentulous ridge crest, continue the line horizontally toward the hamular notch.



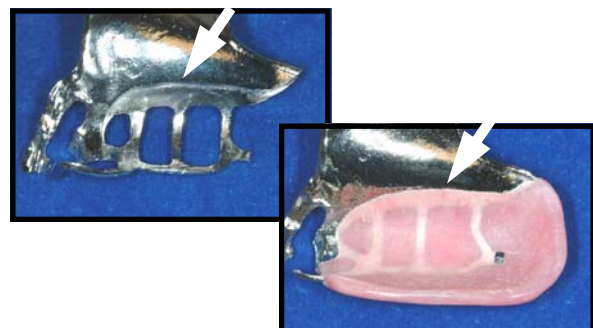
End the external finish line at the posterior border of the major connector in the area of the hamular notch.



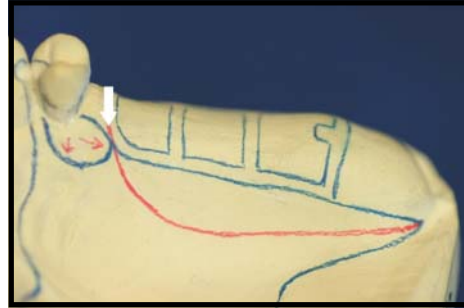
The external finish line is shown drawn in blue pencil on the maxillary cast.



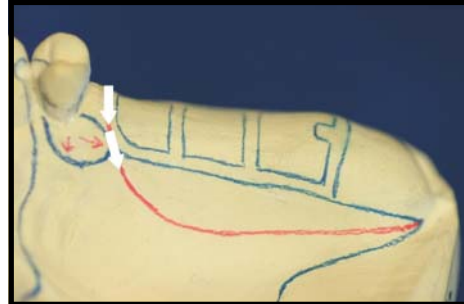
The internal finish line delineates the metal/resin junction on the inner or tissue side of the tooth & tissue borne RPD.



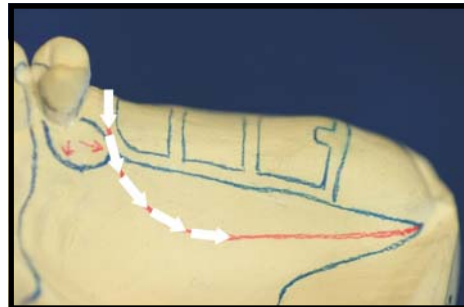
The internal finish line is drawn in red and starts on the most buccal aspect of the retentive network, 3 mm from the free gingival margin of the abutment tooth.



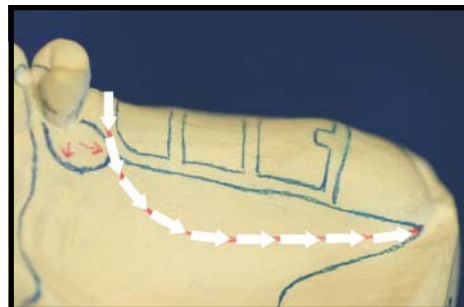
Continue the line vertically, crossing the external finish line.



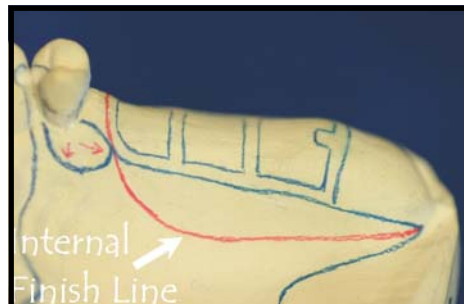
Continue the line diagonally to an area near the junction of the horizontal and vertical hard palate.



Continue the line horizontally in a posterior direction until contact is made with the external finish line at the area of the hamular notch.

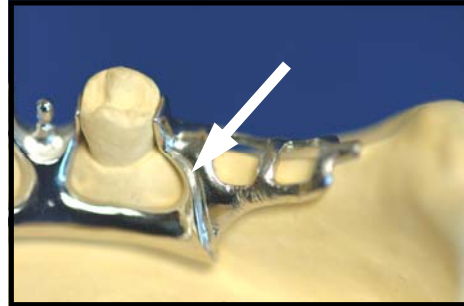


The internal finish line is shown drawn in red pencil on the maxillary cast.

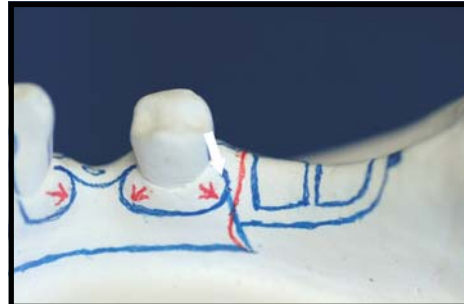




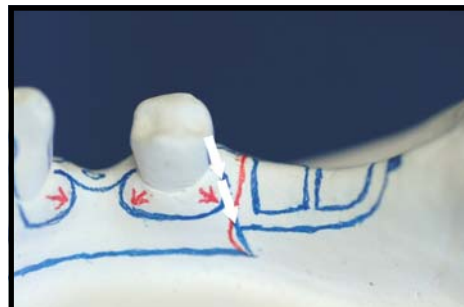
Drawing the external finish line for the mandibular tooth & tissue borne RPD.



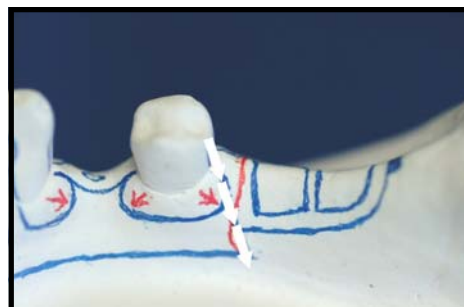
As with tooth borne RPD's, start a blue pencil line at the distolingual line angle of the abutment tooth.



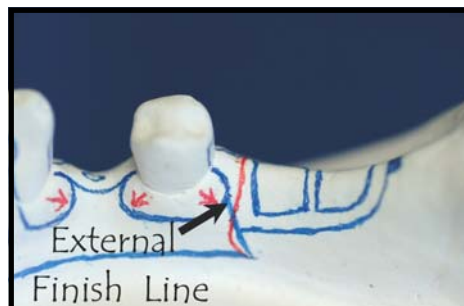
Continue the line vertically and diagonally across the superior border of the lingual bar major connector.



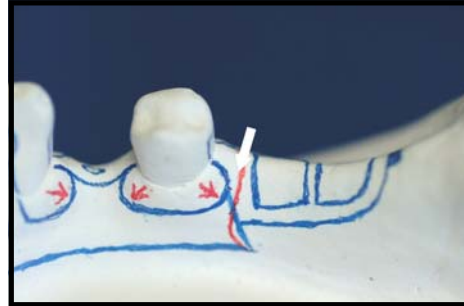
Continue the line, ending it at the inferior border of the lingual bar major connector.



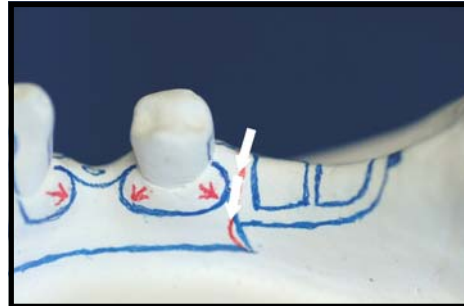
The external finish line is shown drawn in blue pencil on the mandibular cast.



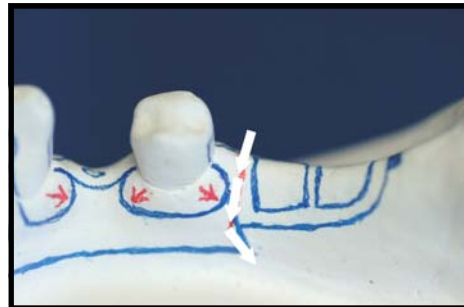
The internal finish line is drawn in red pencil and starts on the most buccal aspect of the retentive network 3 mm from the free gingival margin of the abutment tooth.



Continue the line toward the lingual paralleling the proximal surface of the abutment tooth. Cross the external finish line, slightly off-setting it.



Curve the line back to meet the external finish line at the junction of the inferior border of the lingual bar major connector.



The internal finish line, drawn with a red pencil, is shown on the mandibular cast.

