There is only one way to positively transfer the Myostatic Outline information directly to the denture. It involves making a physical line on the dental model that will show up on the processed denture and guide the laboratory technician during finishing.

There are a variety of tools with which you can scribe this line. An old worn out prophy tool (fig. 1) can be modified very quickly with a lab bur to provide you with a strong sharp point for this procedure (fig. 2).

You can do this procedure, or it can be done by a trained assistant or a trusted laboratory technician on your instruction. They should have a copy of this instruction sheet.

Once you have completed the drawing of the Myostatic Outline, a scribed or incised line is made on the cast approximately 1 mm outside the drawn line (fig. 3,4). When processed, this “ditch” becomes a “bead” on the denture base (fig. 5,6). The technician trims the denture base to just eliminate the “bead”, which is within 1 mm of the final border. Final polishing removes approximately 1 mm from the periphery and should leave the extensions of the denture base exactly where you want them.

This takes the control of the final extensions away from the technician and gives it to the dentist. You’ll get exactly what you asked for, and consequently fewer post-insertion adjustments.

Call 1-800-344-5457 if you would like to receive a copy of “The Myostatic Outline”.

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Scribing or “Ditching” the Cast

fig. 1

fig. 2

fig. 3

fig. 4

fig. 5

Lab trims the denture base to here.

Polishing will reduce it back to our original line about here.

The “Bead”

approx. 1 mm

The “Ditch”