

PANTHERA IMPLANT BAR PROCESSING PROCEDURES



ReBourke Bar

- 1 -

The denture on the implant model after the try-in has been verified and the case has been sent to Panthera for bar manufacturing.



- 2 -

Matrix the denture using a silicone of your choice. A rigid silicone is recommended.



- 3 -

Completed bar and supra structure.



- 4 -

Screw the bar onto the master model.



- 5 -

When waxing the case on the master model, the final MK1 attachment must be removed and replaced with the MK1 acrylic help processing pin.



- 6 -

Remove the final MK1 attachment with the tool provided.



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- 7 -

Place the supra structure onto the bar on the master model.



- 8 -

Insert the MK1 acrylic help processing pins.



- 9 -

Transfer the teeth onto the supra structure using the matrix.



- 10 -

Complete the wax-up for processing making sure the wax is well adapted to the tissue as the processing will be done off the master model.



- 11 -

Remove the MK1 acrylic help processing pins.



- 12 -

Remove the waxed up denture from the model, re-insert the MK1 acrylic help processing pins ready for flasking.



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- 13 -

The supra structure is filled with a rigid silicone. It is important to push the silicone right into the supra structure to ensure no acrylic gets underneath the supra structure and holds the supra structure in place when boiling off the wax. The silicone will also facilitate deflasking.



- 14 -

The case is flaked off the model, directly in the flask. It is very important to ensure the processing pins are covered to eliminate any undercut which could cause problems in the flasking process.



- 15 -

Cover teeth with Flexistone (optional) and complete the curing process.



- 16 -

After deflasking, remove the MK1 acrylic help processing pins, trim and polish the denture as normal.



- 17 -

Insert the final MK1 attachment.



- 18 -

Place the completed denture on the master model. Ensure the MK1 attachments are fully engaged and polish back the MK1 pins to be flush with the acrylic. NOTE: it is important the MK1 attachments are fully engaged before trimming back the attachment.



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- 19 -

Open up a small funnel on the labial access holes to facilitate easier access for the patient to disengage the MK1 attachment.



- 20 -

Completed ReBourke Bar denture.

