

PANTHERA IMPLANT BAR PROCESSING PROCEDURES



Integrated 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.



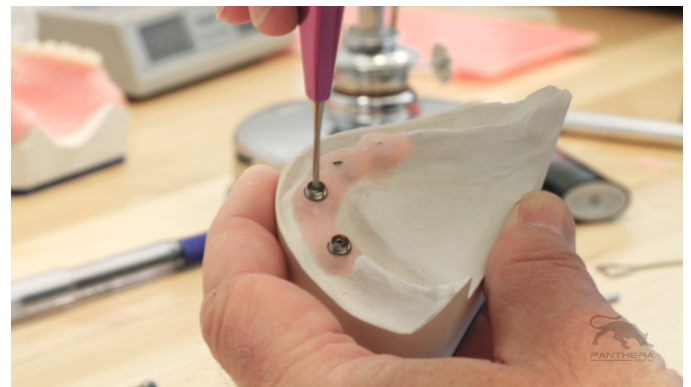
- 3 -

The denture is removed from the soft tissue implant model.



- 4 -

Place the custom angulated abutments onto the model taking note of the orientation and order of the abutments as they appear on the provided instruction sheet and color code.



- 5 -

Shows all the custom angulated abutments in place on the model.



- 6 -

Screw the paralleposts onto the angulated abutments.



PANTHERA IMPLANT BAR PROCESSING PROCEDURES



Integrated Bar

- 7 -

The predictable titanium housing is placed onto the stock post. This is the housing which will house the interchangeable nylon inserts.



- 8 -

Place the bar over the predictable housings for bonding.



- 9 -

A composite is used to bond the bar to the predictable housings.



- 10 -

Flow composite into the bar from the tissue side, ensuring that there is enough all the way around in each channel.



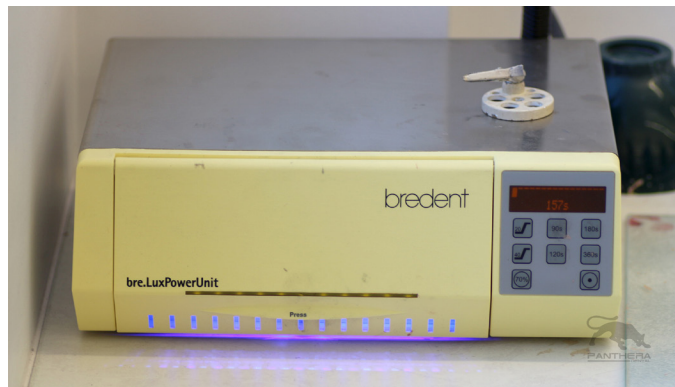
- 11 -

Place the bar onto the predictables. The composite will push up through the channel. Any excess composite will be pushed up through the top of the bar. It is important to make sure the bar is pushed all the way down onto the predictables.



- 12 -

Cure the composite for 3 minutes. (Additional curing may be required)



PANTHERA IMPLANT BAR PROCESSING PROCEDURES



Integrated Bar

- 13 -

In preparation for duplicating the master model, transfer copings are placed onto the stock cylinders.



- 14 -

Paint the Gingifast with a separator to prevent the duplicating silicone from bonding to the Gingifast.



- 15 -

The master model is duplicated using silicone.



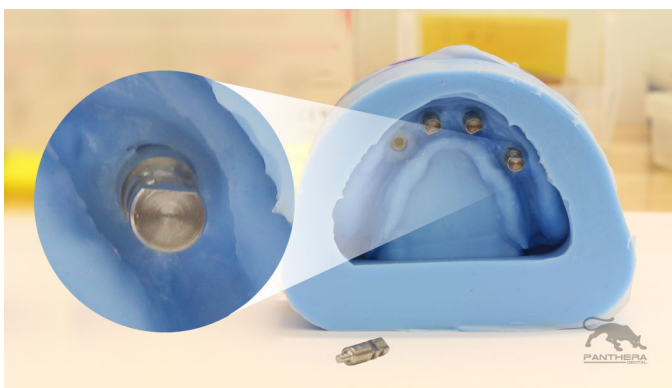
- 16 -

When the master model is removed from the silicone, the transfer copings will remain in the silicone.



- 17 -

The duplicating analogs are placed into the transfer copings.



- 18 -

Spray the silicone mould with debubblizer and ensure that it is well dried before pouring up the working model. It is also imperative to let the mould rest 10 - 15 minutes before pouring up the working model.



PANTHERA IMPLANT BAR PROCESSING PROCEDURES



Integrated Bar

- 19 -

The working model is complete.



- 20 -

Transfer the teeth onto the working model using the matrix.



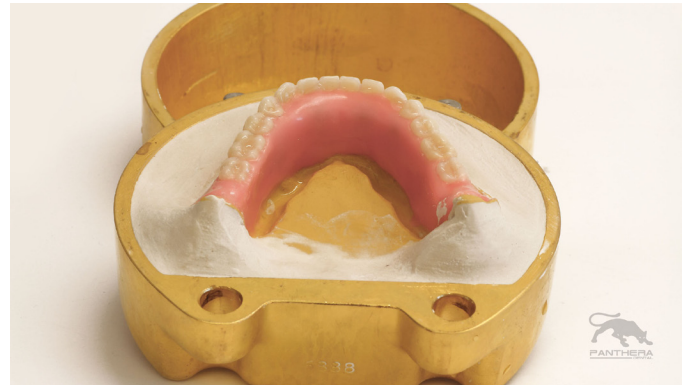
- 21 -

Wax-up the denture for processing.



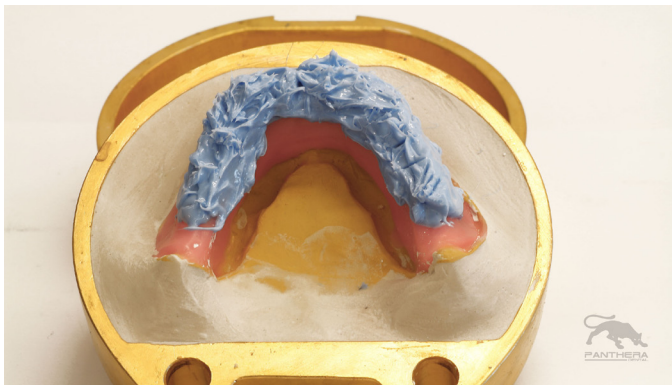
- 22 -

Flask the case.



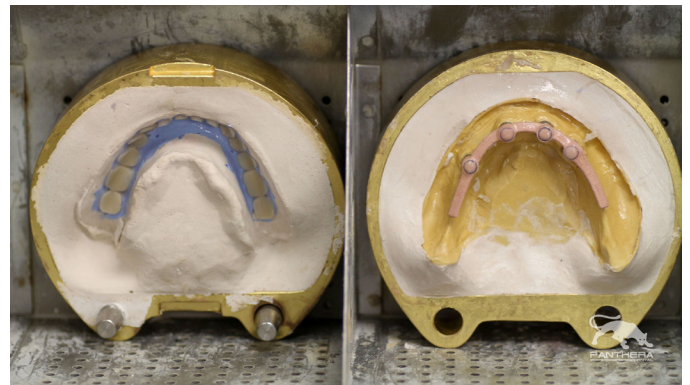
- 23 -

Cover teeth with Flexistone (optional).



- 24 -

Boil out flasks the same as regular cases.



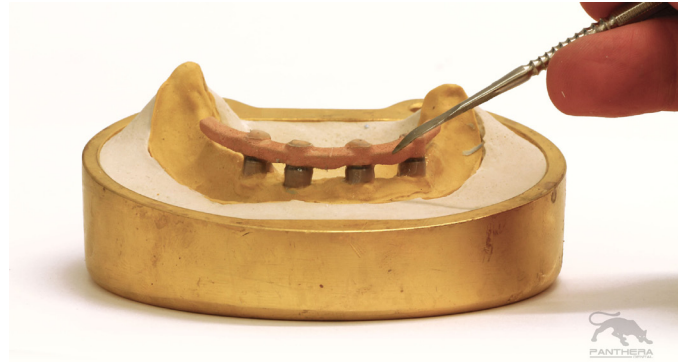
PANTHERA IMPLANT BAR PROCESSING PROCEDURES



Integrated Bar

- 25 -

To prevent any acrylic from being pushed up into the cylinders when packing or pressing the acrylic, block out the cylinders especially at the junction between the predictable housings and the processing analogs.



- 26 -

Pack the case using the acrylic of your choice. Please follow the manufacturers recommendations for mixing ratios, curing times and temperatures.



- 27 -

Deflask, trim and polish the denture.



- 28 -

Completed Integrated Bar denture.



PANTHERA IMPLANT BAR PROCESSING PROCEDURES



Integrated Bar

Replacing the nylon inserts in the Integrated Bar

- 1 -

Using a regular lab instrument, the nylon inserts are removed from the predictable housing.



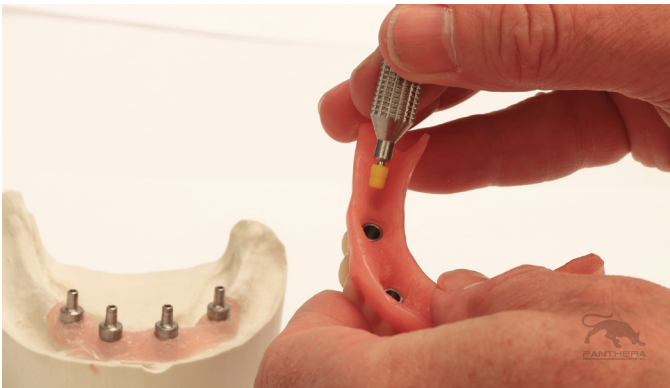
- 2 -

Once the old nylons have been removed, the new inserts are placed using the Integrated Bar insertion tool.



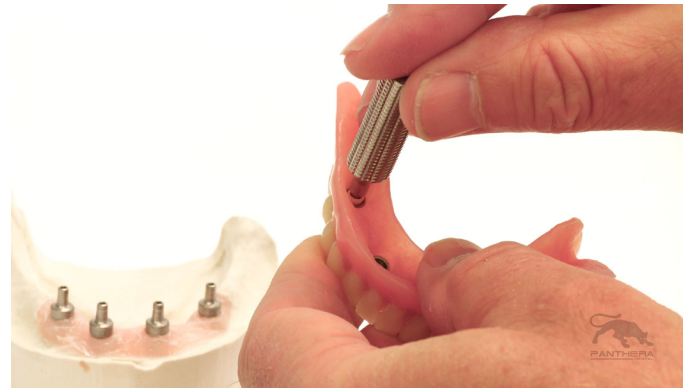
- 3 -

The new nylon insert is placed onto the insertion tool.



- 4 -

The nylon is inserted into the predictable housing pushing it in with the insertion tool until a click is felt.



- 5 -

The new nylon has now been inserted.

