

# FULL DENTURE BIOHPP OVER METAL BAR WITH LOCKING PIN

## What is a BioHPP frame?

BioHPP (PEEK) is a material that has been used as medical bone implant.

It has the strength of metal, is light weight as plastic, and has elasticity that feels like natural bone.

It is used as a denture frame over a metal bar.

## What is a locking pin?



Locking pin is a metal attachment that locks the denture to a metal bar.

Patients can push this pin to lock the denture to the bar, and it becomes a fixed denture. They can then pull the



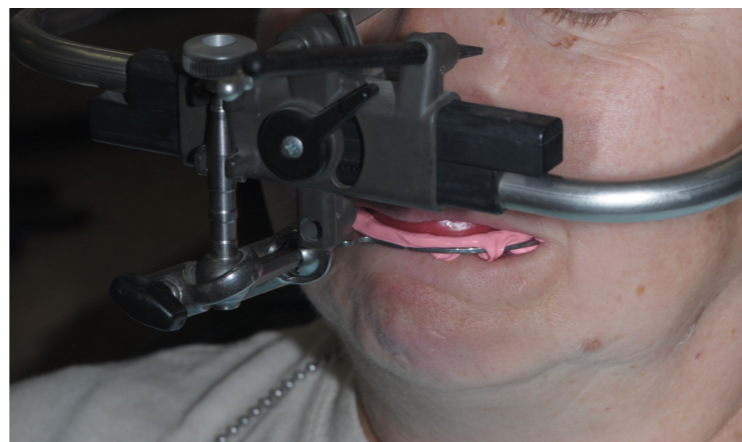
pin to drop the denture for cleaning (removable denture).

## What is the procedure?

Lab receives the impression (fixed level), pours model, and makes custom tray and Resin jig to take an accurate impression.

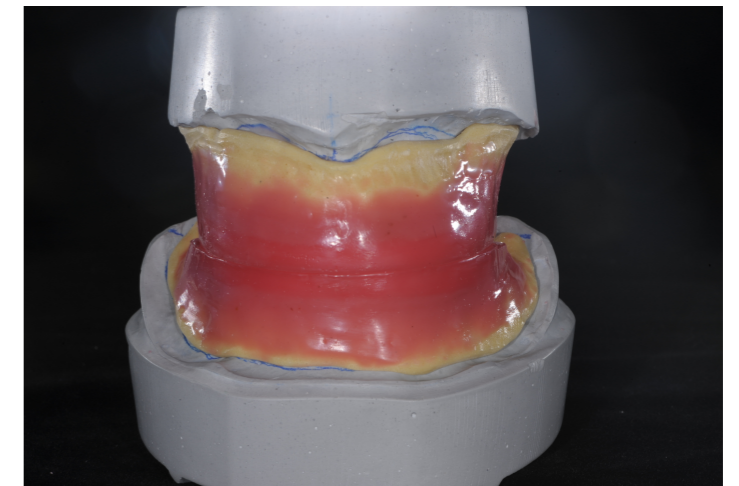
## 1st visit (Philip and Han visit Doctor's office):

Take Facebow record, measure VDO. Try resin jig and take final impression.



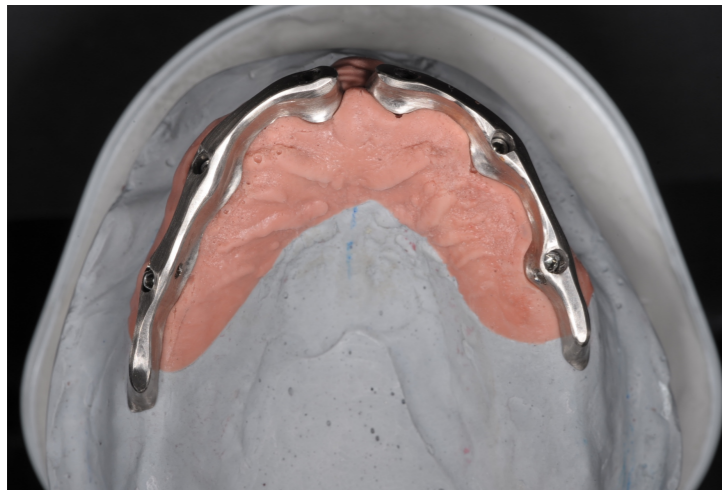
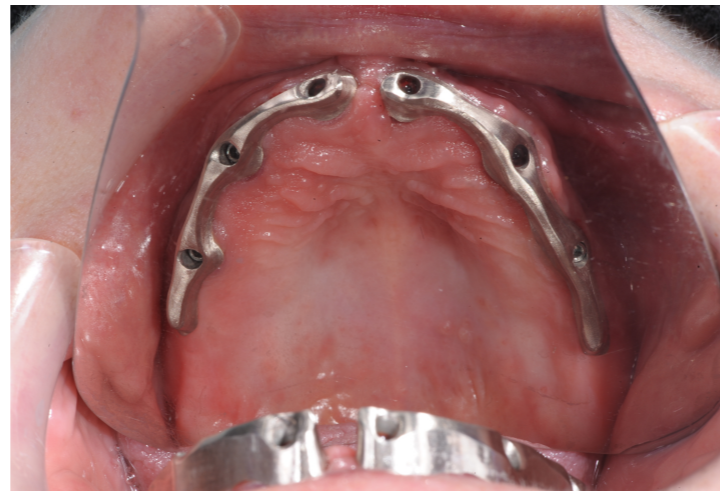
## 2nd visit:

Wax rim try in and mark midline, smile line, etc.



ADL then makes the metal frame, Resin frame, and denture teeth set-up for tryin for the 3rd visit.



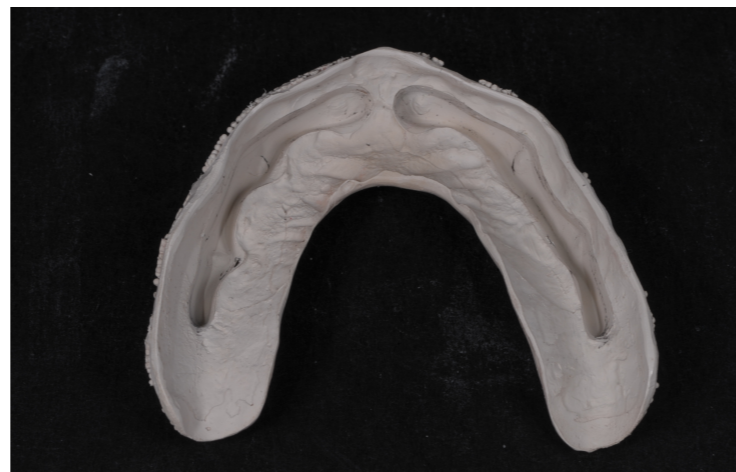


### 3rd visit:

Try Metal Bar and Resin frame with locking pin mechanism to verify fit.

Try wax teeth setup for bite function and aesthetics.

ADL makes BioHPP frame from resin and finishes the denture.



### 4th visit:

Deliver the finished Denture BioHPP.

