PROCESSING INSTRUCTIONS
LV OCAD

LV OCAD® is a new developed and patented bar retainer system, using a special adapted profile with a Ø 1.80 mm and possible extensions to be oriented to the labial side, with a conicity of 4° The controlled mobility can only be obtained by using the special made LV OCAD housing and processing auxiliaries

NEW CONSTRUCTION
Prosthetic design:
* Try to determine the path of insertion in a 90° angle to the occlusal plane
* Position the bar as close as possible to the tissue with the extension always to labial
* Use the paralleling mandrel **AC-674-P**, if the bar is made in multiple sections
* The bar may be reduce in height to improve the access for hygienic instruments around post-copings, crowns or implants
* The top of the bar has to remain horizontal

Planning: Standard 5 mm and Mini 3 mm riders are available in 3 retention levels
* Casting technique:
   ° use a hard material such as **UNDERWAX** to join all components
   ° ensure stable connections with and rounded surfaces of implant cylinders
   ° if distal extensions should remain "pressure free": wear down the top of the extended bar area, for 0.30mm, after finishing the construction
* CAD/CAM: see special CC/CI kits
   ° use only the by Nobil Metal SpA provided Attachments LV **STL-Files**

Use of the Housing:
* Incorporate the processing rider from the side
* The short leg of the processing rider should always be oriented towards labial
* Position the housing with the notch to the labial side
* The sintered CoCr housing may be incorporated in acrylic, cemented, soldered or laser welded
* On top of the housing ceramic can be applied using **NM BONDING**

Adapt the retention: 3 retentions are provided in 2 lengths
* **White**:   weak retention
* **Yellow**:   regular retention
* **Red**:   higher retention
Use only the universal insertion tool **AC-173-I**

Materials: all materials used in the concept of the **LV OCAD** bar are controlled on cytocompatibility

Maintenance: the patient should use daily liquid rinsing materials and an appropriated brush to clean the prosthesis. An **annual control** by the prosthodontist is required.

RELINING / REBASING:

* Proceed the usual way to take the impression with the riders
* Remove the riders from the housing
* Fill up the space of the bar and the housings with plaster/silicone and separate before poring the stone model
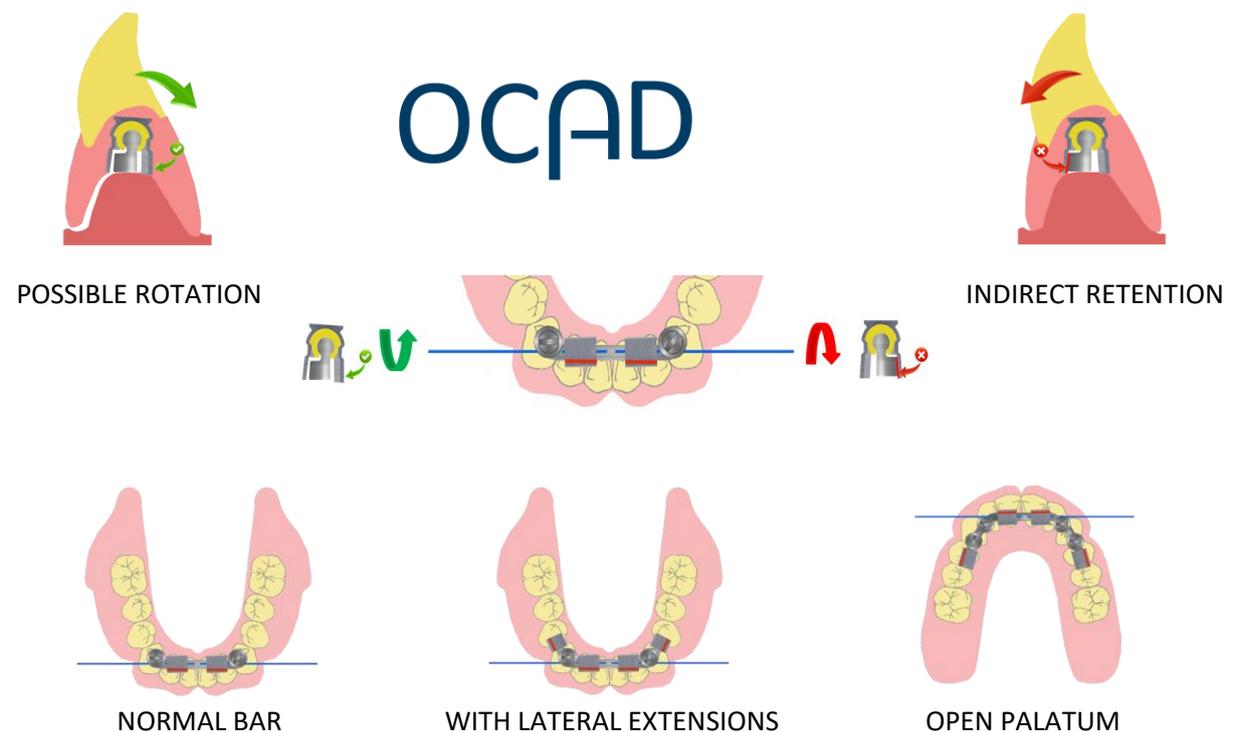* Continue as usual and replace all riders at the end

Catalogue Attachments LV:
See www.nobilmetal.it **Attachments LV**

Technical doubts or extra demands: send an **e-mail** to attachments@nobilmetal.it

LV OCAD are produced according to ISO 13485 standard

CE0546

POSSIBLE ROTATION

INDIRECT RETENTION

NORMAL BAR

WITH LATERAL EXTENSIONS

OPEN PALATUM

Any allergies to the individual components must be analyzed during the clinical project phase.
Only for professional technician and dentist use.
Dental Attachments are for single use and are supplied in NON-STERILE packaging.
Reuse may cause cross-infection.