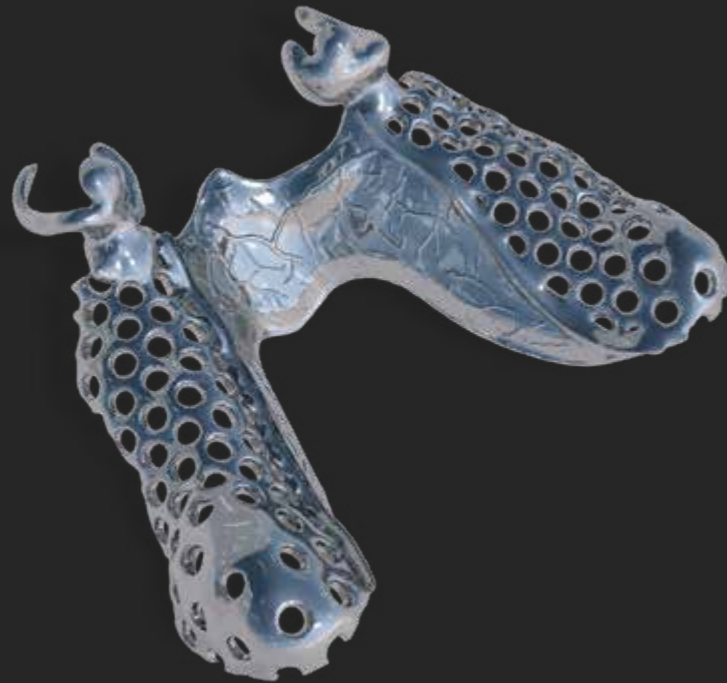




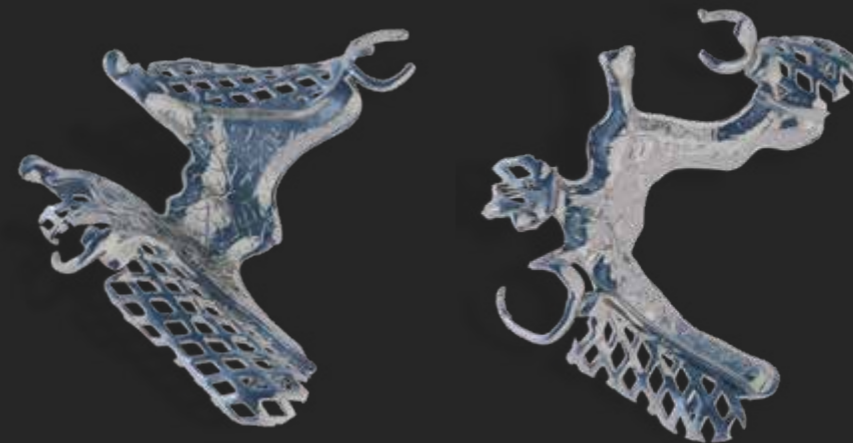
Removable CAD-CAM partial denture frames

Continuously innovating



Once again, Phibo[®] is revolutionising prostheses with the **CAD-CAM partial denture frames.**

- + **100% digital** workflow for a fully customised restoration.
- + Using an **innovative manufacturing** process developed by Phibo[®].
- + With a **shorter lead time** than normal for this kind of product.



CONTINUOUSLY
INNOVATING

Simplicity and speed

Removable CAD-CAM
partial denture frames

phibo[®]

The new removable prostheses by Phibo[®] allow the laboratory to take **control of their production** because:

- + The laboratory saves time on painstaking processes, leading to **higher productivity**.
- + The **design is completed in a few minutes**, with a few clicks of the mouse.
- + Thanks to our new software and manufacturing process **any design can be reproduced in no time at all**.



SIMPLICITY
AND SPEED

Better than traditional casting



BETTER THAN
TRADITIONAL
CASTING

The removable prostheses obtained **are a significant improvement on the quality** of cast prostheses₁:

- + We obtain a **high-quality, uniform** metal structure with a perfect fit and consistent quality.
- + The **fit is significantly better than a cast prosthesis.**
- + Biocompatibility **guaranteed.**

₁ See the scientific studies in the references section.



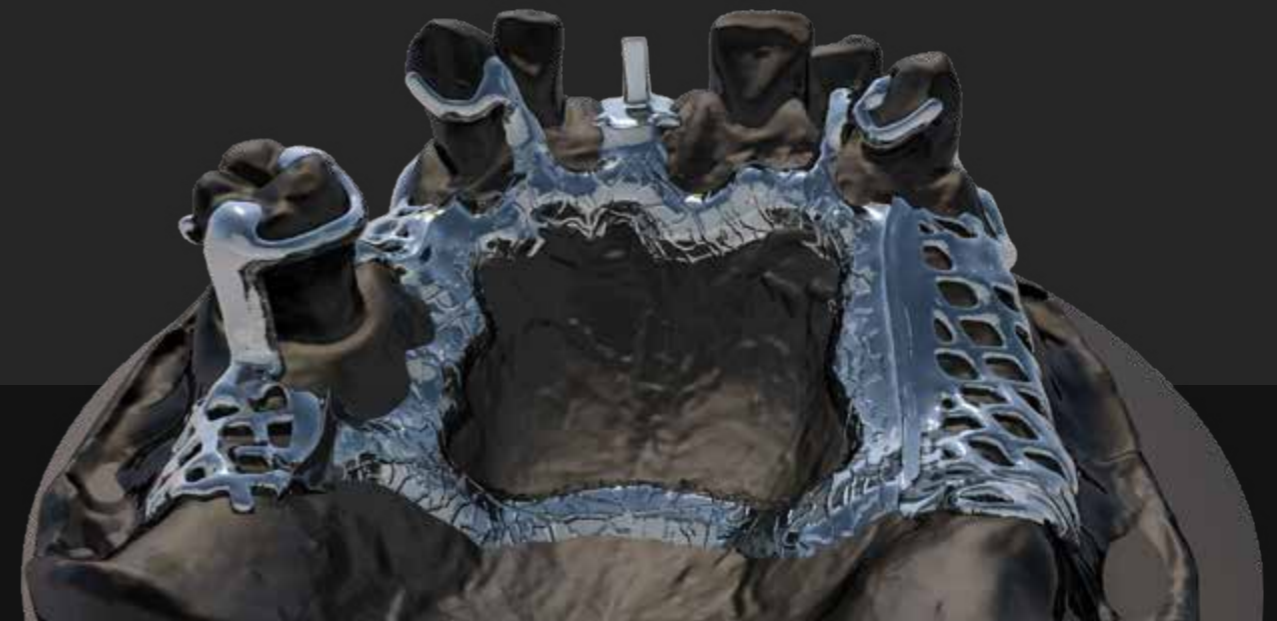
Phibo[®] Frameworks: the difference

The Phibo[®] **framework is a significant improvement on the quality** of cast frameworks, the only solution available until now₁.

- + Stronger **and more ductile.**
- + Less **risk of the hooks breaking** when they are engaged.
- + And therefore... **fewer problems.**
- + **Mirror-like** polished finish.

₁ Initially available for bars with Locator fittings.

Phibo[®] Frameworks:
the difference



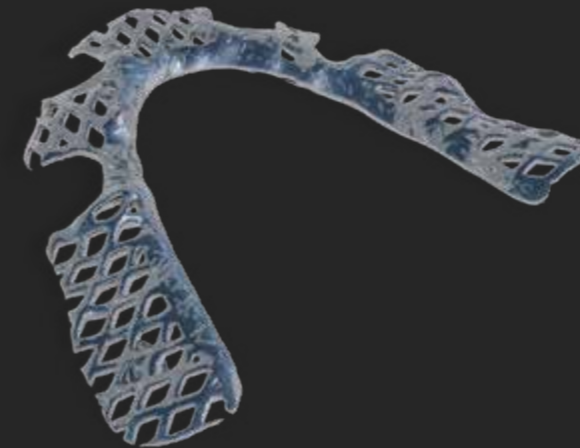
Overdenture reinforcements



Overdenture reinforcements in CAD-CAM are **more flexible** and provide better results than traditional solutions:

- + They prevent fractures and reduce the thickness of the prosthesis, thus ensuring **greater functionality and an improved appearance.**
- + The **freedom of design** allows us to adapt the reinforcement to fit the final acrylic structure.
- + Adaptable to **different types of bars**₁.

₁ Initially available for bars with Locator fittings.

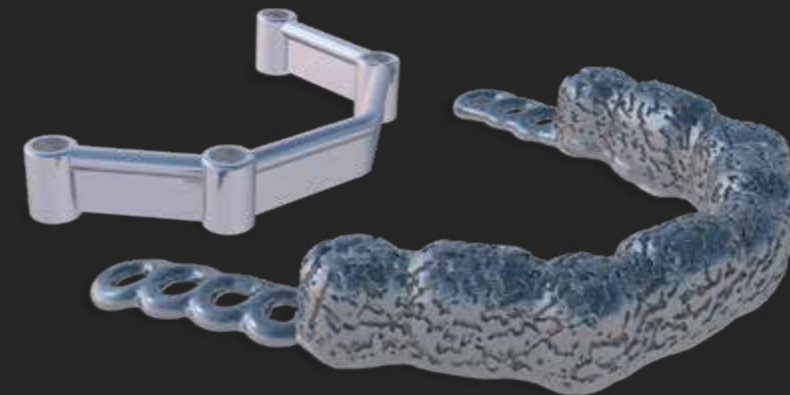


Suprastructures



The suprastructures made with Phibo CAD-CAM are the **ideal solution** for working in **difficult spaces**, achieving a **perfect fit** on the bar.

- + The thickness can be controlled, providing **greater stability and more space for the resin.**
- + Takes 90% **less time** than the traditional casting method.
- + Adaptable to **any type of bar**, providing an optimal fit on the bar.



Scientific references

Uniform quality

[Fis08] J. Fischer, B. Stawarczyk, A. Trottman, C. H. F. Hämmeler, Festigkeit lasergesinterter Brückengerüste aus einer CoCr- Legierung Quintessenz Zahntech, 2008; 34 (2):140-9.

Fit

[Han10] Han J, Lü PJ, Wang Y. Zhonghua Kou Qiang Yi Xue Za Zhi. Computer aided design and rapid manufacturing of removable partial denture frameworks, 2010 Aug;45(8):457-61.[Bib06]Richard Bibb, Dominic Eggbeer, Robert Williams, Rapid manufacture of removable partial denture frameworks, Rapid Prototyping Journal, 2006, Vol. Issue 12: 2,pp.95-99, <https://doi.org/10.1108/13552540610652438>.

Biocompatibility

NAMSA Citotoxicity study CYT-11-1 n° 235652 (07/2017).

Strength and ductility

[DD-16-005-D03] University of Barcelona. Internal study.

Lower risk of fracture

[Fis08] J. Fischer, B. Stawarczyk, A. Trottman, C. H. F. Hämmeler, Festigkeit lasergesinterter Brückengerüste aus einer CoCr- Legierung Quintessenz Zahntech, 2008; 34 (2):140-9.