



BIOART
Creative Dental Technicians



Bio Art Dental Professional Series - Dental Implants

Dental Implants

New technologies in implantology continue to improve the options for successful and more natural-looking dental implants. Precision engineered implant restorations go beyond simply replacing missing teeth to restoring a beautiful smile.

Diverse implant products and procedures are available to suit each individual case. This demands careful planning and consideration of the forces acting on the prosthesis.

Bio Art Dental has sourced the best available implant components for prosthetic solutions and offers an unparalleled range of the industry's systems. Popular choices include:

Implant Cement Retained

The most conventional implant procedure, implant cement retained crowns use a custom-made or prefabricated abutment. A tailor made crown or bridge is cemented over the top of the abutment to accommodate the cement retained crown.

This implant procedure is also available in a Zirconia abutment, with a Zirconia crown cemented over the top of the abutment.

Implant Direct to Fixture

Where a fixture is already in an optimal position, this procedure allows the most stable option for a tailor made crown or bridge and allows dentists to retrieve the crown with ease. A Zirconia abutment may also be constructed for this procedure.

Implant Cross Pin Crown

An implant cross pin crown can be used in most cases, particularly where the implant is in a less than ideal position.

Abutments are cast and milled at Bio Art Dental or titanium abutments can be customised and milled into the ideal position for maximum flexibility. Bio Art Dental then cross pins the abutment and the framework is constructed over the top of the abutment in accordance with the original diagnostic.

This manufacturing process also allows the clinician to remove the implant for modification or required maintenance - for example, if an abutment screw loosens or breaks.

Because this procedure is only available in metal form, a Zirconia framework cannot be milled with a cross pin hole.

Bio Art Design Implant Bridge (PIB ProCera)

Bio Art Dental has pioneered methods for the construction of complex multi-unit or full mouth restorations. With a titanium sub-frame, the Bio Art Design Implant bridge is the premium implant prosthetic solution.

Its superiority stems from the titanium sub-frame's very high level of biocompatibility, together with great strength and easy removal.

A composite frame is carefully constructed and milled into position to suit each case. This frame is sent to Nobel Biocare where it is scanned and milled out of a solid block of titanium, ensuring there are no porosities or foreign bodies within the titanium. Upon re-entry to the lab, the frame is polished and re-milled. A segmental cross pin Porcelain Fused to Metal super frame is carefully engineered to accommodate the functional and aesthetic requirements in accordance with the original diagnostic.

Implant Supported Dentures

Bio Art Dental only uses high grade materials and processes, such as the



Bio Art specialists in Dental Implants...

most wear-resistant denture teeth and injection denture processing available.

Popular solutions include:

The Procera Implant Bar

The Bio Art Design Implant Procera Implant Bar (PIB Procera) as described above is modified to accommodate denture teeth for a fixed denture option.

Gold Bar Technique

Generally used to accommodate denture teeth for a fixed denture option, a gold bar is waxed and cast into the desired position with great care, skill and precision.

The Gold Bar technique does not offer the same degree of strength as more modern materials, such as the PIB Procera bar.

Titanium Welded Bar

Designed to accommodate denture teeth for a fixed denture option, a titanium bar is cut and laser welded between abutments.

Removable Implant Denture Options

- Gold Bars with clips
- Customised Ball Attachment
- Ball Attachments
- Magnets

Due to the constant introduction of new technologies and procedures, this list is not exhaustive.

To achieve consistently high quality standards, Bio Art Dental has developed affiliations with leading suppliers of implant componentry, including:

- Astratech www.astratech.com.au
- Straumann www.straumann.com.au
- Nobel Biocare www.nobelbiocare.com
- 3i www.3i-online.com
- Innova www.innovalife.com
- Southern Dental www.southernimplants.com (through Henry Schein Regional)
- Neoss Australia www.neoss.com
- Glacier www.glaciersystem.com

This allows us to consistently deliver innovative, creative and reliable technical work on a consistent basis.

For further information or a confidential conversation regarding your unique needs please contact us on 9499 4445 or email smile@bioartdental.com.au