NobelProcera® fixed-removable implant solutions

Product overview

Type	Clinical examples	Shape	Characteristics	Attachment Type
Dolder® Bar		Micro Macro Micro-Resilient Macro-Resilient	– The clip is good for five to ten years without any adjustments or replacement – Separating forces can be individually adjusted – Available in small (micro), regular (macro) and resilient – The macro size is the most used – The micro is the smallest bar available and used for difficult cases with limited space – The resilient rider in connection with the bar will allow movement of the prosthesis from lingual to buccal (This kind of bar will be used on two implants in cases without extension) – Available on implant and Multi-unit-Abutment level and a combination of thereof	Gold Rider (Cendres & Metaux) – Macro – Micro – Resilient
Hader Bar			– The design will automatically follow soft tissue at a continuous distance – Creating contact with soft tissue is possible if desired – The available clip is of high quality and is easy to change – The need to monitor and eventually replace the nylon parts is a negative point of the bar – Available on implant and Multi-unit-Abutment level and a combination of thereof	– Nylon clip with metal sleeve
Round Bar			– Beneficial for delicate cases with very low height space – Different types of clips can be used – Similar functional principle to the Dolder® Bar – Available on implant and Multi-unit-Abutment level and a combination of thereof	– Nylon clip with metal sleeve – Gold rider from (Cendres & Metaux)
Free Form Milled Bar		Individual angulations 0°, 2°, 6°,8°,…	– Individually shaped – Combination of bar with a wide range of different attachment systems available on the market – One negative point of this bar is the size. To be able to screw an attachment into the bar you need at least a 2.5 mm × 2.5 mm of space. It is recommended that 3 mm × 3 mm be used for solidity purposes. Please note that adding the height of your attachment can vary the height from 2 mm to 4.5 mm in some cases – Galvanic friction female parts over the parallel bar* (*The bar is delivered polished, however, in order to achieve friction with a self-made galvanic female part over the bar, the surface of bar has to be precisely milled and polished in parallel by the technician in the dental lab.) – Available on implant and Multi-unit-Abutment level and a combination of thereof	– TSB Ball Ø 2.5 mm – OSO™ Ball Ø 2.0 mm – Dalbo® Plus Ball 2.25 mm – Bredent™ Ball Ø 2.2 mm – Locator® – Anchor M3 (Servo Dental)
Paris Bar			– Acrylic dentures rest on the solid-based implant bar structure with three to four attachments (like balls or Locator®) – The patient receives a removable prosthesis that will look like a fixed restoration – Available on implant and Multi-unit-Abutment level and a combination of thereof	– TSB Ball Ø 2.5 mm – OSO™ Ball Ø 2.0 mm – Dalbo® Plus Ball 2.25 mm – Bredent™ Ball Ø 2.2 mm – Locator®

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Type	Clinical examples	Shape	Characteristics
Wrap-around Bar			– The acrylic denture will wrap around the entire bar – Dentures can easily be adjusted by adding or removing acrylic – Ideal choice if space is limited for a fixed restoration – Prosthesis hygiene is an issue with the wrap-around bar – Exit holes for the implant screws have to be closed by dentist – Available on implant and Multi-unit-Abutment level and a combination of thereof
Montreal Bar			– The bottom of the bar will stay highly polished and the acrylic denture teeth are placed on top – Offers ideal hygiene – Exit holes for the implant screws must be closed by dentist – Available on implant and Multi-unit-Abutment level and a combination of thereof
Montreal Bar with Metallic Lingual			– The Montreal Bar with Metallic Lingual is a regular Montreal Bar where the polished bottom extends upward to the lingual part of the restoration – Offers ideal hygiene – Exit holes for the implant screws must be closed by dentist – Available on implant and Multi-unit-Abutment level and a combination of thereof
Hybrid			– Individually designed implant framework combining the key features of a wrap around implant bar and implant bridge – Ability to add retention elements and/or fingers to create support for the acrylic – The acrylic denture will wrap around the entire implant framework – ideal restorative solution if there is limited clinical space – Exit holes for the implant screws have to be closed by dentist – Available on implant and Multi-unit-Abutment level and a combination of thereof
Implant bridge titanium			– Individually designed implant bridges for optimal esthetics and veneering support – Veneered with composite or porcelain – Titanium – Exit holes for the implant screws have to be closed by dentist – Available on implant and Multi-unit-Abutment level and a combination of thereof
Implant bridge zirconia			– Individually designed implant bridges for optimum veneering support – Veneered with porcelain – Zirconia available in four shades: Light, white, medium and intense. – Connector dimension of an implant zirconia framework depends on the distance between supporting teeth – Contra indicated for cases where the mesial/distal cantilevers have a length of more than 10 mm, cases with lengths that exceed the maximum limits, cases with an external radius less than 0.6 mm and bruxism – Exit holes for the implant screws have to be closed by dentist – Available on implant and Multi-unit-Abutment level and a combination of thereof

Important Notice: Many restorative dentists ask for fixed implant restorations, forgetting to consider the screw access hole. To ensure the screw access hole does not exit out of the labial or buccal region of the teeth; please involve the surgeon and lab in the planning of fixed implant restorations before the patient undergoes implant surgery.