Multilayered zirconia solutions with ASC (angulated screw channel) and Omnigrip tooling

By Nobel Biocare

Fig. 1: A new angle for aesthetics: The ASC Abutment from NobelProcera allows the screw channel to be set at an angle between 0 and 25 degrees within a full 360-degree radius. In the anterior this makes screw-retained restorations possible where aesthetic considerations would previously have ruled them out.

True innovation is about finding new and improved ways of doing things. At Nobel Biocare, this means developing new products and solutions that help dental professionals treat more patients better.

With the NobelProcera ASC (angulated screw channel) solutions and Nobel Biocare’s unique Omnigrip tooling, true innovation has been achieved. These products allow clinicians to offer screw-retained restorations in a practical and aesthetic way that would previously have been impossible in some cases.

Increased restorative flexibility with no cement: It’s as easy as ASC

With NobelProcera ASC solutions, the screw channel can be placed with an angle of up to 25 degrees from the axis of the implant, anywhere within a 360-degree radius. In the anterior aesthetic region, this makes it possible to use screw-retained restorations where a buccal/labial screw access point would previously have ruled them out. When designing the screw channel, the screw access hole can instead be positioned on the lingual/palatal side of the restoration. The patient therefore benefits from an optimised aesthetic result without any risk of the issues that can arise from excess cement. Using a screw-retained rather than a cement-retained solution also makes the restoration easier to retrieve.

In the posterior region too, NobelProcera ASC solutions come into their own. When used on molars or premolars, the ability to tilt the screw channel mesially makes it easier for the clinician to place and access the restoration. And, because of the strength of the material, the full-contour zirconia implant crown with ASC can be utilised in the posterior, providing the clinician with even greater support in delivering the best possible restoration.

Leading restorations now available for a range of indications

The angulated screw channel feature was first made available for single-unit zirconia abutments and full-contour implant crowns with Nobel Biocare’s internal conical connection. Now, the benefits of the ASC and Omnigrip tooling have been extended to multi-unit implant bridges on conical connection implants, in NobelProcera’s latest high-translucency, multilayered full-contour zirconia material*.

Combined with ASC, this high-strength material offers great solutions both in the anterior and posterior, especially with the option to create a cutback and to design natural aesthetics by veneering restorations intended for the aesthetic zone. High translucency allows the material to blend in naturally with neighbouring teeth, and being multilayered means that colour changes in gradual, natural-looking layers...
that pass right through the material. And being full contour, the restorations come in their final shape, with great occlusal detail.

**Come to grips with better handling with innovative Omnigrip tooling**

The benefits of ASC are possible thanks to the associated Omnigrip tooling. A further innovation from Nobel Biocare’s product development team, it’s more than just a screwdriver.

The unique tip of the Omnigrip Screwdriver allows the screw to be tightened and loosened within the angulated channel with easy accessibility, as well as easy handling from multiple angles, even in the posterior.

The pick-up ability of the special tip is also an outstanding feature. The Omnigrip Screwdriver delivers a strong hold for full insertion torque—even at an angle—to offer convenience and, most importantly, safety. The Omnigrip is designed to hold the screw firmly when it matters most—when the clinician is working in the patient’s mouth.

**An advantage from every angle**

Together, the benefits of NobelProcera ASC solutions and the Omnigrip tooling can be seen by all. Clinicians gain not just new treatment possibilities, but opportunities to increase the number of screw-retained restorations they place. Patient satisfaction is likely to improve as the barriers of accessibility and flexibility are overcome to achieve optimised aesthetics, potentially in less chair time. And, with the adapter being mechanically retained, ASC solutions save time for labs too.

Nobel Biocare innovates to help its customers treat more patients, and to treat them better. These products do just that...

Find out more about how NobelProcera ASC solutions and the Omnigrip tooling can help improve restorative results at nobelbiocare.com/asc, or contact your local NobelProcera sales representative to experience aesthetics from a different angle.

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*Available in up to five units.*