

Advertisement **Feature**

An implant revolution

Discover new ways to enhance your implant treatment...



Dental implants are becoming increasingly popular in the UK, with an estimated 242,000 individual implants placed per year. As such, there is a growing demand for high quality implant systems that help practitioners optimise their implant service and deliver better results to their patients.

For the last 30 years, TBR has been creating advanced implant systems; based in France, the expert team has focused on providing innovative and effective solutions, using the highest quality materials and most cutting-edge research. With over 20,000 dentists and maxillofacial surgeons in 57 countries utilising TBR systems, the group is dedicated to precision and quality in everything they do.

Nothing epitomises this more than TBR's flagship implant system, the Z1. Launched in 2000, the patented technology of the Z1 system is the result of 15 years of research and innovation. As the world's only zirconia collar-titanium body tissue level implant, the Z1 is the perfect choice – no matter the patient's dental anatomy. This is possible due to the Z1's unique design, which combines both zirconia and titanium – an arrangement that is essential in the effective stabilisation of soft tissues and perfect osseointegration. The dual nature of this design does not sacrifice any of the Z1's strength in the slightest. The Z1 system has passed rigorous testing and mechanical trials, meaning practitioners can trust in the Z1's ability to perform at all times, even in post-extractive and immediate loading procedures. Indeed, the Z1

system has an impressive success rate of 98.6 per cent: a true guarantee of efficiency.

The one-of-a-kind combination of zirconia and titanium is the reason why the Z1 system can achieve unmatched clinical outcomes, outclassing traditional bone level implants in terms of patient ergonomics and final aesthetics. Thanks to the zirconia emergence of the Z1, the implant is provided with a unique protective shield that protects both the crestal bone and gingiva, reducing the risk of iatrogenic inflammation or infection.

Similarly, the Z1 allows for optimum aesthetic management of the gingival tissue by generating a creeping attachment of the gingiva and encouraging full reconstruction of the papillae. This means that there is no greyish transparency that might affect the aesthetic outcome of anterior implant placements, as well as helping to optimise the cervical limits of prosthetic rehabilitation when placed in the posterior.

As a universal system, the Z1 can be utilised for all indications and preferences and is ideal for a wide range of prosthetic restorations, including cemented, screw-retained, removable options, with either traditional or CAD-CAM protocols. No special training is required to successfully place the Z1 implant either – though the TBR team is always on hand to offer their expertise, and there is a wealth of clinical cases dedicated to the use of the Z1 system should practitioners need any additional advice. This provides practitioners with absolute comfort in the surgery – something that is accentuated by the fact that the Z1 is a true 'one-step' system. Requiring only one procedure to be effective, the Z1 eliminates the need to reopen the surgical site once placed. From this point forward, the Z1 works autonomously, managing both bone and gingival healing thanks to the biocompatibility with both tissues' biological requirements.

Practitioners will not require a healing screw either,

further expediting the placement process overall. Moreover, thanks to its juxta-gingival position, the implant connection is visible and easily accessible at all times, simplifying the impression process and preventing any contact between the gingival sulcus and the impression material.

Together, these features make the Z1 system an economic option for dental practitioners who are finding it difficult to optimise their chairtime and profitability. Of course, since only one surgery is needed with the Z1, working times are reduced; similarly, because aesthetics are guaranteed further procedures are unnecessary. On top of this, due to the antibacterial properties of the zirconia component – and the subsequent reduction in the risk of periodontal complications – the need for maintenance appointments and post-surgical treatments is also reduced. Thanks to these specific conditions, overall placement time and ongoing maintenance with the Z1 is kept to an absolute minimum, allowing practitioners to get the most out of their implant service and reach the highest level of comfort. **D**

