MIS introduces new CONNECT abutment system

By DTI

Screw-retained solutions, known for their predictable retrievability, represent a secure and easy means of prosthetic restoration. MIS Implants Technologies offers a wide variety of abutments for screw-retained restorations, available for all MIS implant platforms (narrow, standard and wide). This past February, at the fourth Global Conference, held in the Bahamas, MIS announced the release of its CONNECT system in the coming months. Dental Tribune International (DTI) spoke with Dr Shelly Akazary, Implants Product Manager at MIS, about the features and clinical advantages of this new solution.

In your opinion, what are the challenges that dentists practising implantology are faced with today?

Beyond the core challenge faced in the field of implantology of attempting to replicate nature by creating a physiological alternative using a prosthesis, patients are also demanding shorter treatment times while not wanting to compromise on high-level aesthetic results. Dentists need to overcome these challenges while having to face various cases and rarely ideal conditions, both from the perspective of anatomical limitations and the habits and expectations of patients.

How can the right abutment improve the clinician’s comfort while working and influence the outcome of implant treatment?

The abutment is actually the component that connects the implant concealed within the bone and the outside world, since it creates the interface with the soft tissue/gingiva. In other words, it ultimately creates the connection between the surgical result and the aesthetic one. The better and healthier the peri-implant anatomy enabled by the abutment, the longer the surgical result will be maintained, as well as the aesthetic one in terms of gingiva.

Could you describe the new CONNECT abutment system?

The CONNECT system features an intra-gingival, narrow and modular abutment and is designed with a low profile, providing a tissue level solution for various gingival heights. Actually, its modularity enables the connection or interface with the soft tissue that I mentioned. This ver-
satility enables choosing the most suitable component for any situation or clinical indication, in order to maximise the result in terms of soft tissue.

**What are the clinical indications for this new screw-retained solution?**

Because of its versatility, the CONNECT may be used in multiple- or single-unit restorations, for both digital and conventional procedures. It may also be used for provisional or final prosthetic restorations.

**What are the main characteristics that distinguish the CONNECT system?**

The CONNECT is a one-time abutment, meaning that it does not need to be removed during the rehabilitation workflow. This enables a prosthetic procedure above the connective tissue level, as opposed to at implant level, and this facilitates bone preservation. The system allows for a broader range of screw-retained prostheses in the aesthetic zone owing to its narrow, low-profile internal connection, may be used in one- or two-stage procedures, and supports long-term biological stability by increasing the distance from the bone. Additionally, in CAD/CAM restoration planning, the abutment may be scanned and is incorporated into a partial or fully digitally guided procedure.