Measuring implant stability with the W&H Osstell ISQ module

With the exclusive integration of the Osstell ISQ (Implant Stability Quotient) module, W&H is offering users a unique system for measuring implant stability. In combination with the company’s improved Implantmed functionalities, the Osstell ISQ module ensures added certainty and reliability in the evaluation of the treatment success by allowing the surgeon the ability to monitor the status of osseointegration continuously and document it, along with the torque.

Determining the optimal time to load an implant is complex, since one must take into account all key parameters and the patient’s risk factors. The retrofittable Osstell ISQ module allows the surgeon to benefit from a unique system for measuring implant stability. While Implantmed’s integrated automatic thread-cutter function and the torque control help the dentist during placement of implants, the ISQ module makes it easier to determine the optimal loading time.

According to the company, the stability value measured by the device helps improve the success rate and is a form of quality assurance. With this non-invasive measuring system, it is not only possible to determine the primary stability of implants, but also to monitor the osseointegration using secondary measurements and determine the optimal point in time for loading the implant. The ISQ value (scale of 1 to 100) is shown on the display after the measurement has been taken and is easy to interpret.

Implantmed’s documentation function allows convenient saving of all values of the implant placement to a USB stick. The W&H Osstell ISQ module is optional and can be retrofitted by simply connecting it to the new Implantmed at a later point in time.

According to the Austrian dental manufacturer, the unique fusion of state-of-the-art technologies from both companies, W&H and Osstell, has made it possible to set new benchmarks in the international dental market and offer users a decisive bonus in terms of functionalities and optimal treatment efficiency.

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