

Boost your confidence with our IS3
when loading the prosthetic

IS3TM

- Reduces treatment time
- Manages challenging cases



HIOSSEN
IMPLANT

IS3 ISQ monitor

The peg is excited by magnetic pulses and vibrates due to the stiffness in the contact area between the bone and the implant surface. Once attached to an implant, magnetic pulses cause the MultiPeg to vibrate. The instrument measures the frequency of the vibration and translates it to an ISQ value between 1 and 99.

The higher the ISQ value, the better primary stability. The local bone density determines the ISQ value, and is influenced by factors such as the implant placement technique, implant design, and healing time.

Implants with low and/or dropping ISQ values seem to pose an increased risk for failure.



Reusable MultiPeg™

Sensible measuring devices made in titanium with sealed magnets, which makes them reusable up to 20 times. The main purpose with its design are environment considerations and to make them cost effective.



MultiPeg™ (Titanium)

- Compatible with all major implant systems
- Durable and tissue friendly peek material
- Autoclavable up to 20 times
- Optimal platform fit
- ISQ Standard calibrated
- ET Regular MultiPeg™ included



MultiPeg™ Driver

- Guaranteed for at least 100 autoclave cycles.
- Autoclavable
- Stainless steel
- Screwdriver and carrier

Product system and practical use

Turn on the unit and hold the IS3 unit close to the top of the MultiPeg™. A signal from the instrument tip causes magnet pulses inside the MultiPeg™ to resonate the frequency of which is detected by the unit. The result in ISQ value appears on both display screens in a matter of seconds. It is advisable to take at least two measurements, buccal and lingual.



STEP 1

Select the correct MultiPeg™ for the implant being measured



STEP 2

Attach the MultiPeg™ using the driver. (Hand-tighten, 6-8 Ncm of torque)



STEP 3

Turn on the instrument and hold the tip of the instrument close to the top of the MultiPeg™



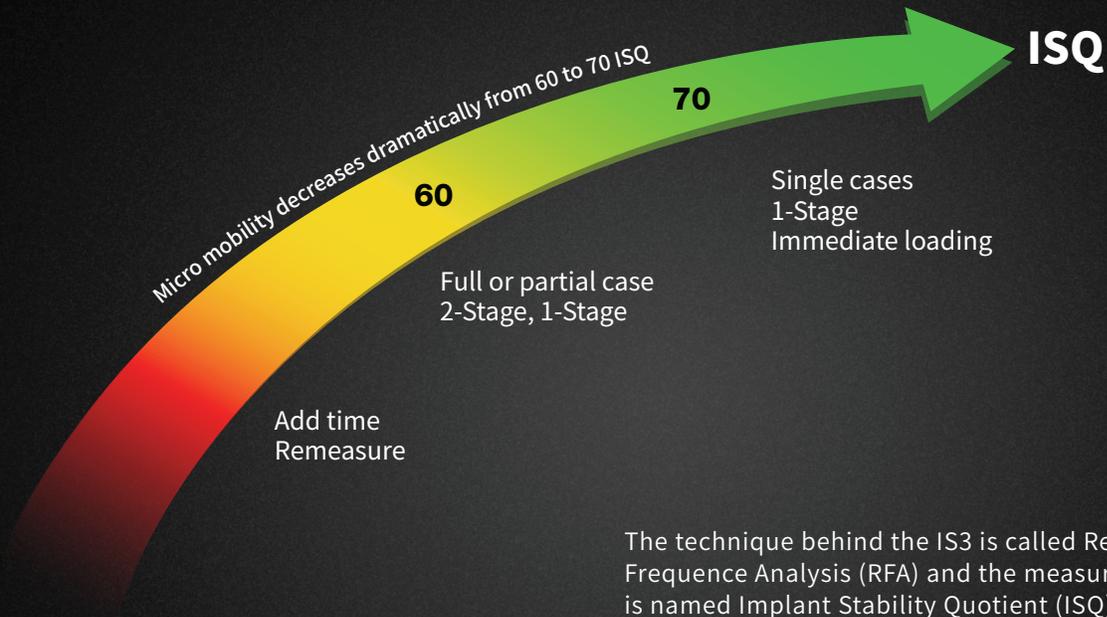
STEP 4

The instrument emits a beeping sound when it starts measuring and another sound when the ISQ value is presented on the display a second later

Values above 70 means high stability and are typically recommended for one-stage and immediate loading under the clinicians supervision.

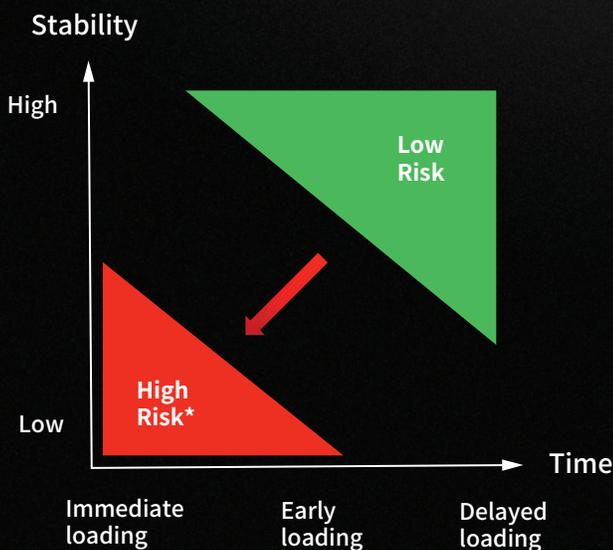
Optimized patient care

- Determines optimal loading protocol
- ISQ value greater than 70 is considered highly stable while an ISQ value less than 60 is considered low stability



Treatment guidance and predictability

- Raise the implant success ratio with accurate diagnostic
- Confidence to decide the optimal loading time



High Risk Area*

- Bruxism 71.7%
- Diabetes 71.4%
- Immediate Loading 77.5%
- Iliac Crest Block + GBR + Sinus Graft 50%
- Surgeons <5 years experience had 5x failure

Our IS3 provides sufficient information to make a decision when to load an implant. This is especially important when using procedures with shorter treatment times or treating at risk patients with/or compromised bone.

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Smiles that last a lifetime

Please contact your local sales representative or
visit our website today to learn more about Hiossen and its products.

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