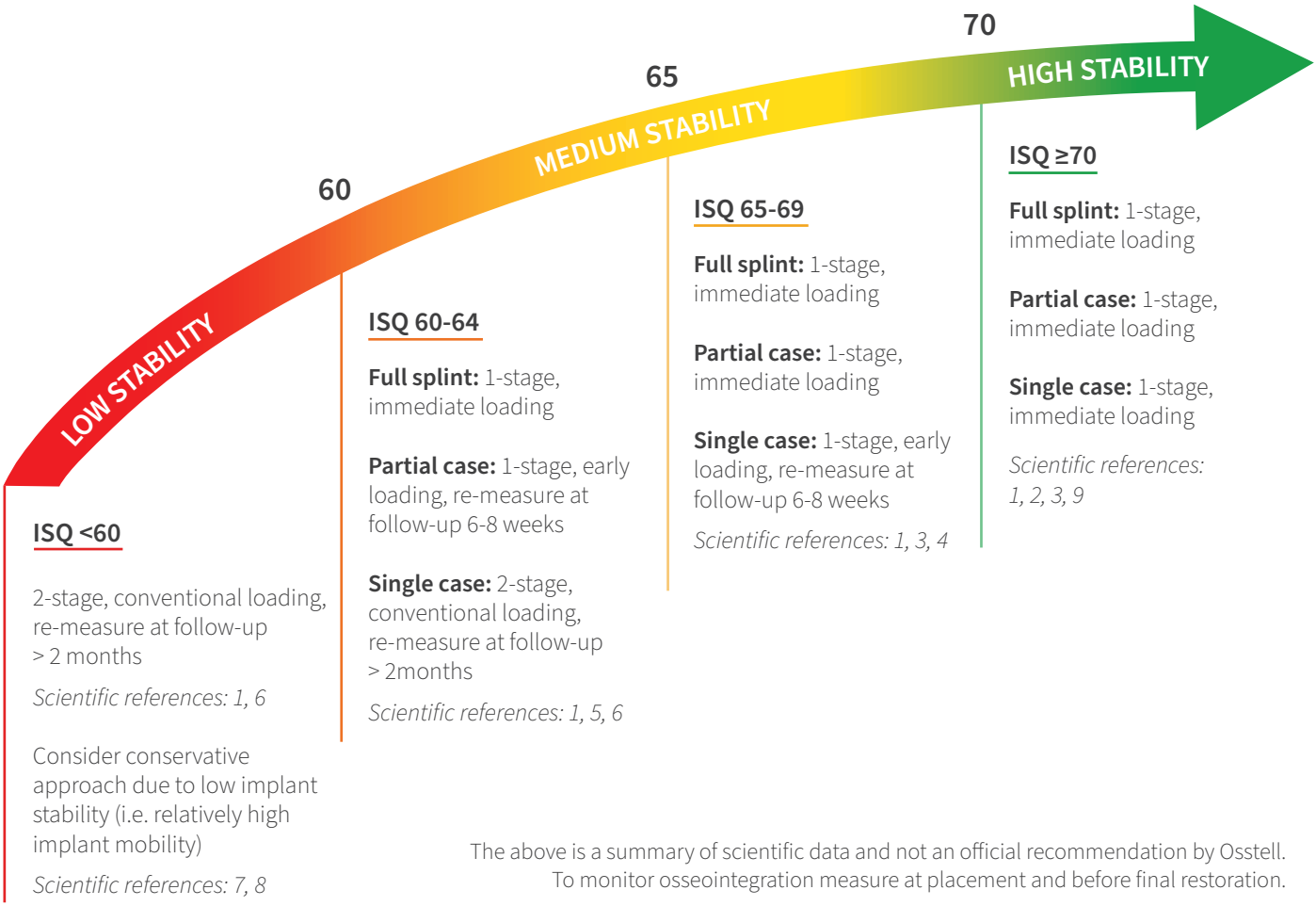
The evidence-based Osstell ISQ scale

A selection of >1 400 articles

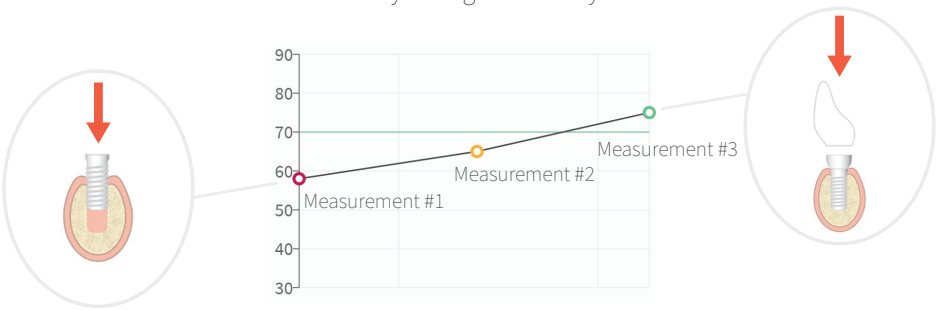


The above is a summary of scientific data and not an official recommendation by Osstell.
To monitor osseointegration measure at placement and before final restoration.

The importance of the trend

Measure ISQ at implant placement as a baseline to follow-up measurements.

An increasing ISQ trend (or stable high) indicates transition from inital mechanical stability to secondary biological stability.



It is recommended to repeat the ISQ measurement before deciding for final restoration.

Definitions

Immediate loading: Less than 1 week subsequent to implant placement

Early loading: Between 1 week and 2 months subsequent to implant placement

Conventional loading: Greater than 2 months subsequent to implant placement

Source: Weber, H. & Morton, Dean & Gallucci, German & Roccuzzo, Mario & Cordaro, Luca & Grütter, Linda. (2009). Consensus Statements and Recommended Clinical Procedures Regarding Loading Protocols. Int J Oral Maxillofac Implants. 24 Suppl. 180-3.

Conventional implant loading is predictable in all clinical situations and is particularly recommended in the presence of treatment modifiers such as poor primary implant stability, substantial bone augmentation, implants of reduced dimensions, and compromised host conditions.

Source : ITI

Scientific References

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