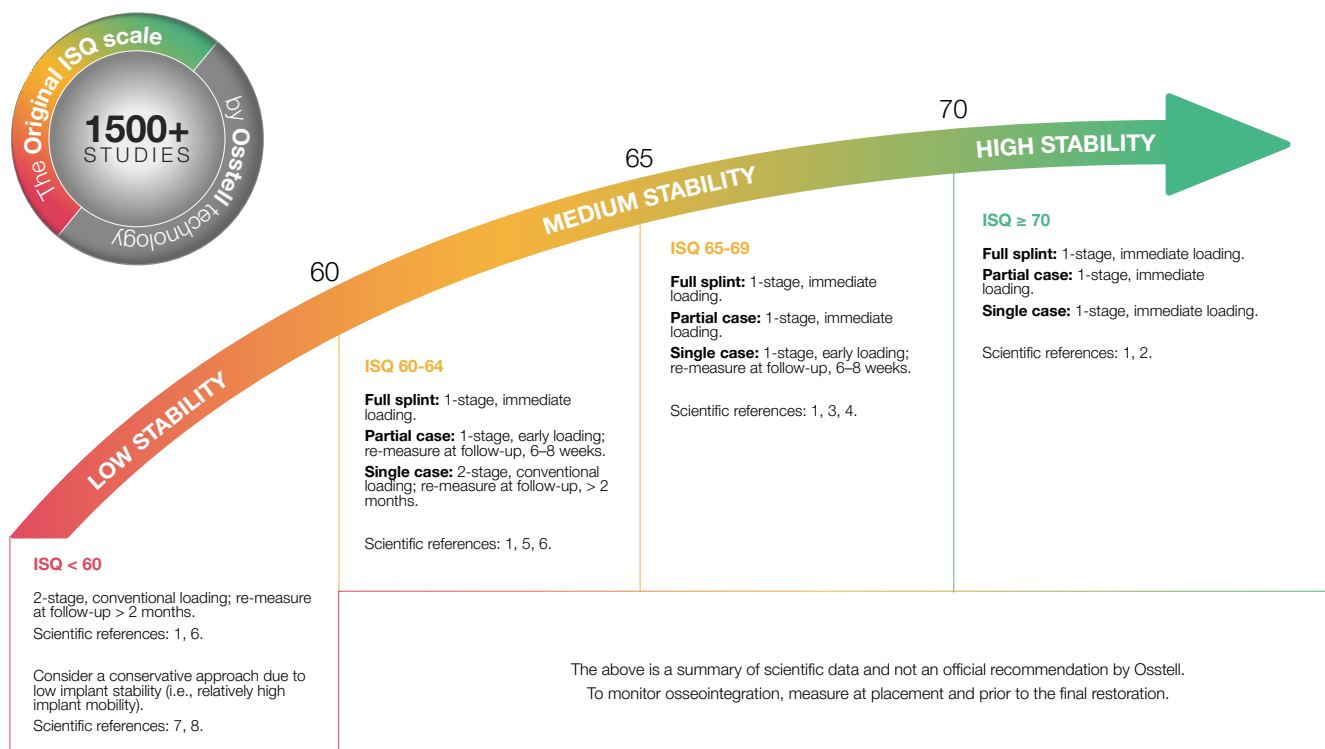


THE EVIDENCE-BASED

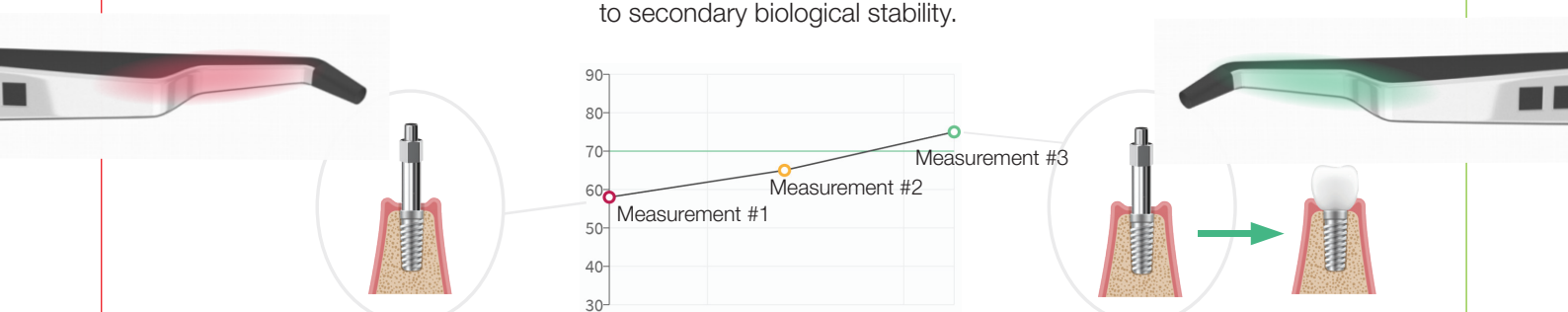
Osstell ISQ scale



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 initial 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

1. Sennerby L. Implantologie 2013;21(1):21-33
2. Kokovic V, Jung R, Feloutzis A, Todorovic V, Jurisic M, 2. Hämmerle C. Clinical Oral Implants Research, 00, 2013, 1-6
3. Bornstein M, Hart C, Halbritter S, Morton D, Buser D. Clin Implant Dent Relat Res 2009
4. Serge Baltayan, Joan Pi-Anfruns, Tara Aghaloo, Peter Moy J Oral Maxillofac Surg 74:1145-1152, 2016
5. Östman P-O. Clinical Implant Dentistry and Related. Research, Volume 7, Supplement 1, 2005
6. Rodrigo D, Aracil L, Martin C, Sanz M. Clin. Oral Impl. Res. 21, 2010; 255-261
7. Pagliani L, Sennerby L, Petersson A, Verrocchi D, Volpe S & Andersson P. Journal of Oral Rehabilitation 2012
8. Trisi P, Carlesi T, Colagiovanni M, Perfetti G. Journal of Osteology and Biomaterials, Volume 1, Number 3, 2010
9. Stefan Paul Hicklin, Esther Schneebeil, Vivianne Chappuis, Simone Francesco Marco Janner, Daniel Buser, Urs Brägger, Clin. Oral Impl. Res 00, 2015; 1-9