

3-Step Procedure



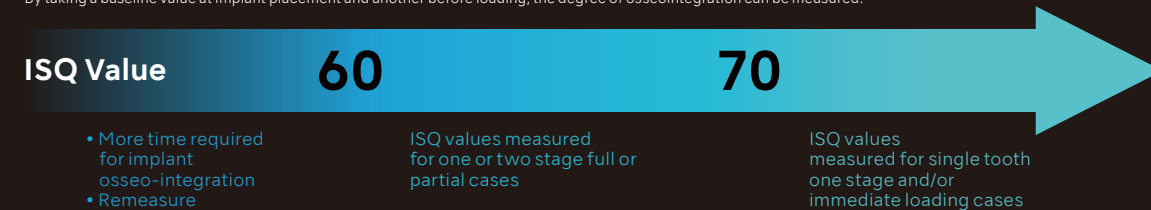
1. The Multipeg™ is attached to the implant. It screws effortlessly into the implant's internal threads (approximately 6-8 Ncm of torque).
2. Aim for the magnet on top of the Multipeg™. The peg is responding by magnetic pulses and vibrates due to the stiffness in the contact area between the bone and the implant surface. Osseo 100+ is non-invasive, objective, accurate and repeatable.
3. An ISQ value is generated and shown on the display. This reflects the level of stability on the universal ISQ scale – from 1 to 99. The higher the ISQ value, the more stable the implant.

About ISQ

Decreasing micro mobility with increasing ISQ values

The below is not a clinical recommendation from NSK.

By taking a baseline value at implant placement and another before loading, the degree of osseointegration can be measured.



1. Sennerby L Prof., Implantologie 2013; 21(1): 21-23
2. Kokovic V, Jung R, Feloutzis A, Todovic V, Jurisic M, Hammerle C. Clinical Oral Implants Research, 00, 2013, 1-6
3. M Bornstein, C Hart, S Halbritter, D Morton, D Buser, Prof. Dr. med. dent. 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. P O Ostman, Private practitioner, Falun- and Biomaterial Group, Sahlgrenska Academy Gothenburg. Clinical Implant Dentistry and Related Research, Volume 7, Supplement 1, 2015
6. Daniel Rodrigo, Luis Aracil, Conchita Martin, Mariano Sanz. 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. P Trisi Phd, T Carlesi DDS, M Colagiovanni DDS, G Perfetti MD, DDS. Journal of Osteology and Biomaterials, Volume 1, Number 3, 2010
9. S Hicklin, E Schneebeil, V Chappuis, S Francesco, M Janner, D Buser, U Bragger. Clin. Oral Impl. Res. 00, 2015; 1-9
10. L. Milillo, C. Fiandaca, F. Giannoulis, L. Ottria, A. Lucchese, F. Silvestre, M. Petruzzi. Oral & Implantology - anno IX - n. 3/2016

Create it



Osseo 100+

NSK

Removes Doubt

Osseo 100+ measures implant stability to support decisions on when to load an implant.

This is especially important when working with shorter treatment time or managing risk patients.



Reduce treatment time
One stage, immediate loading, early loading.

The uncomplicated procedure that measures ISQ allows the implant loading period to be planned in advance. The reconstruction of crowns and bridges can be monitored to optimize timing to decrease the risk for failures. Measurements can be made with minimal impact since the instrument does not come into physical contact with the implant or abutment.

Wireless connection with Surgic Pro2

Osseo 100+

Connectivity with Surgic Pro2

The ISQ value is transferred automatically when connected with Surgic Pro2. The Bluetooth® connection means that clinical procedures will be undisturbed.

Wireless data management

The measured ISQ can be shared and processed with data on external terminals via Surgic Pro2.



REUSABLE MultiPeg™

- For all major implant systems *
- Tissue friendly, durable titanium
- Autoclavable appx. 20 times
- Optimal platform fit
- ISQ Standard Calibrated

*There are different MultiPegs™ available made to fit different implant system and types. Please refer to the updated list from the supplier.



MultiPeg™ List

LINE-UP

Wireless connection with Surgic Pro2

MODEL : **Osseo 100+**
REF : Y1004176

Contents :

- Osseo 100+ Instrument
 - MultiPeg Driver
 - Mains adapter and plugs
- MultiPeg™ is not included, sold separately.

Specifications :

- Power input : 5VDC, 1 VA
- Charger input : 100-240 VAC, 5VA
- Instrument weight : 100 g
- Battery full charge time : appx. 3 hours.*
- Battery continuous drive time : appx. 1 hour.*

*Varies depending on usage situations.



Accessories & Spare Parts

Model	MultiPeg Driver	Sterile cover	Mains adapter	US plug
REF	55003	55105	55093	55097

Manufacturer

NAKANISHI INC. www.nsk-dental.com
700 Shimohinata, Kanuma, Tochigi 322-8666, Japan

NSK America Corp. www.nskdental.com
1800 Global Parkway, Hoffman Estates, IL 60192, USA

Specifications are subject to change without notice.