

NSK

Finding the right time for implant loading



Today, the trend in implant dentistry is to have a short or no healing period at all before loading the implant. If conditions are not optimal, poor primary stability may increase the risk of implant failure. The Osseo 100 measures implant stability and osseointegration to provide sufficient information to decide when to load an implant. This is particularly important when working with shorter treatment time or managing risk patients.

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 scale value between 1 and 99. The higher the ISQ value, the better the sta-

bility. Measurements can be made without unnecessary impact since the equipment does not come into physical contact with the implant or abutment.

The device is also available as Osseo 100+: It can be connected via Bluetooth® to Surgic Pro2 to share and manage the data of those measured ISQ scores.

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