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Clinical Case



Precautions

If the contact angle is off the range (0~30 degree downward based on the ground level), the device will make a beeping sound and button will not function. This is to reduce the error occurred while measuring from various tapping angles. When it makes a beeping sound, tilt the tapping rod downward so that it meets the range.

The tip of the tapping rod is designed to contact the healing abutment for the convenience of users. Applying too much pressure onto the healing abutment or holding the device too far away from the healing abutment during measurement may result in an error.

AnyCheck

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Dental implant stability meter (tapping-motion) for assessing osseointegration without disconnecting the healing abutment.



AnyCheck

AnyCheck is an implant stability meter that measures the stiffness of the alveolar bone-implant interface through a tapping-motion. AnyCheck reduces the risk of implant failure by indicating the most appropriate time for connecting prosthetics.

Characteristics

1. AnyCheck is easy to use due to its easy control system and small and light body design.
2. Since AnyCheck is used without removing the healing abutment, implant stability can be safely measured anytime right after the implant placement.
3. Measuring time is reduced to less than 3 seconds. The most benefit comes when measuring multiple implants at a time. (In case of weak osseointegration, tapping-motion automatically stops after tapping twice. Otherwise, taps up to six times.)
4. Light tapping method allows safe measurement of implant stability (30% reduced tapping strength compared to product 'P')
5. The degree of osseointegration is indicated as IST(Initial Stability Test) value between 30 to 85. (Value used in product 'O')
6. Failing implants may be detected in earlier stages.



Instructions

1. Turn on AnyCheck by pressing the switch button until it turns on.
2. Slightly contact the tip of the tapping rod to the upper part of the healing abutment. Be cautious not to push the healing abutment.
3. Maintain the contact angle between 0 to 30 degrees.
4. Gently press the START button while holding the device stable.
5. Check the measured value displayed on the LCD screen.
6. Range of the measured value is between 30-85. The smaller the measured value, the weaker the degree of osseointegration.

Measured value is similar to ISQ scale: above 60 - bridge recommended; above 70 - single case loading possible.

Displayed in **red** - 30~59; **orange** - 60~64; **green** - 65~85.

Measured values (IST scale) differ depending on the height of the healing abutment. As the standard height of the healing abutment is 4mm, calculate the correct IST value according to the following chart:

Standard +3	7mm height Healing Abutment	Displayed IST value +6
Standard +2	6mm height Healing Abutment	Displayed IST value +4
Standard +1	5mm height Healing Abutment	Displayed IST value +2
Standard	4mm height Healing Abutment	Displayed IST value
Standard - 1	3mm height Healing Abutment	Displayed IST value - 2
Standard - 2	2mm height Healing Abutment	Displayed IST value - 4
Standard - 3	1mm height Healing Abutment	Displayed IST value - 6