

REINFORCEMENT OF IFU

Accurate measurement of implant stability at **abutment level**

Background

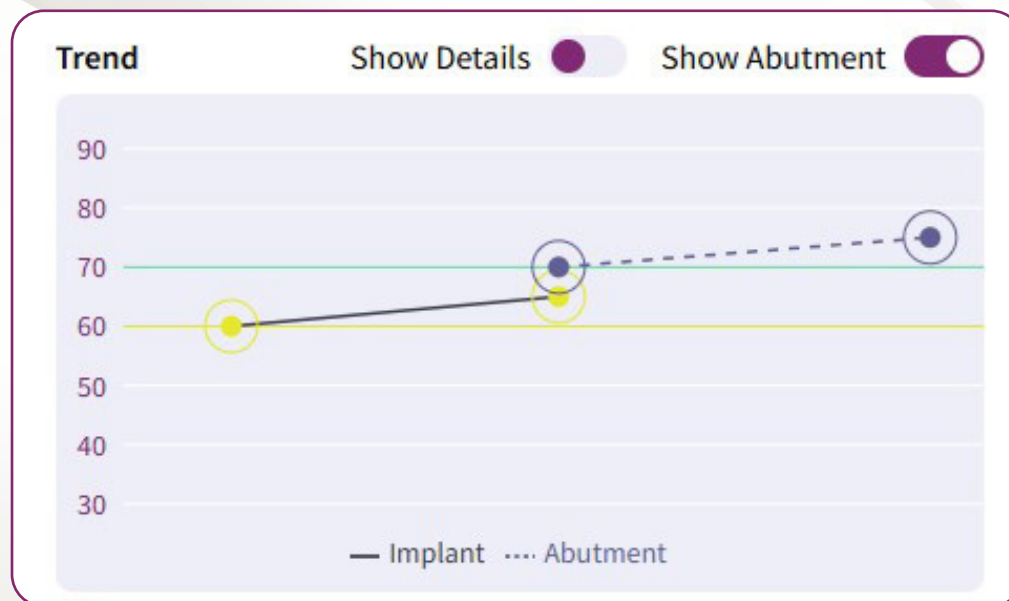
When measuring implant stability at abutment level, the ISQ (Implant Stability Quotient) values typically differ from those measured at the implant level. Generally, abutment level measurements yield lower ISQ values.

Procedure for accurate ISQ measurement at abutment level

To obtain a true ISQ measurement at the abutment level, follow these steps:

- 1. Initial measurement:**
Perform an implant level measurement before installing the abutment.
- 2. Abutment level measurement:**
Perform an abutment level measurement during the same session.
- 3. Determine the offset:**
Note the difference between the implant level and abutment level measurements. This difference, or offset, will remain constant throughout the healing period.
- 4. Follow-up measurements:**
During subsequent follow-up measurements, use the offset to calculate the implant ISQ.

If you are using Osstell Connect, the measurement graph over time may look like this:



The offset between implant and abutment level measurements remains stable over time – enabling consistent tracking of implant stability.