

New safe implant carrier



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Damage to the implant's inner configuration and/or injury of the surrounding tissues can be caused by too high an insertion torque. The new BioniQ implant carrier is provided with a pre-determined breaking point. If the mentioned insertion torques are exceeded (see the table left), fracture of the implant carrier will occur. This protects the implant's inner configuration from damage, which ensures integrity of the interface, correct installation of the prostheses and its long-term function.

The maximum recommended insertion torque of BioniQ implants is 60 Ncm. If the maximum insertion torque is exceeded – a situation that



can be caused, e.g. by not using a threadformer or a counterbore in higher density bone – fracture will occur at the top of the implant carrier. The breaking torque moment depends on the implant type.

The new BioniQ implant carriers are provided with a pre -determined breaking point. If the insertion torques mentioned above are exceeded, fracture will occur at the top of the implant carrier.

The broken piece of the implant carrier can be easily removed from the insertion wrench/ Unigrip, e.g. using tweezers. The insertion wrench/Unigrip can be attached to the remaining part of the implant carrier.

It is recommended to unscrew the implant using a reverse motion of the ratchet and to prepare the implant bed completely using the threadformer, counterbore or/and final drill.

CAUTION

The part of the implant carrier below the pre-determined breaking point is not secured in the insertion wrench/Unigrip any more. The broken part of the implant carrier no longer protects against hight torque moments.

Higher insertion torques (over 100 Ncm) may cause sticking of the implant carrier in the implant. In such a case, attach the insertion wrench/Unigrip to the implant carrier and, by turning it slightly counter clockwise, release the implant carrier from the implant.



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