Step by Step
Interdisciplinary cooperation between Dental Practice and Dental Laboratory for implant-retained dentures to avoid failures.

How? That show steps 1,2,3

The final implant-retained denture

1) Mesostructure – cast bar with passive fit by SAE spark erosion
2) Meso- and suprastructure of CrCoMo Splinted, palate-free denture
3) Initial cast with original abutments
4) Torque wrench
5) Inserter for MP insert
6) Screwdriver for electrode and screw
7) Screwdriver for MP insert screw

What we need from you after the second restorative visit:
1) Initial cast with original transfer screws on
2) Final pick-up impression over splinted abutment verification
3) Definitive bite registration
4) Opposing arch cast
5) Study cast
6) Tooth setup after try-in
7) Screws for fixation of bite block and setup
8) Screw driver

For the manufacturing process in the laboratory and for screwing down the bite blocks and wax-ups only laboratory screws are used.
New original screws of the system are only used for screwing down the finalized structure on the osseointegrated implants with the ratchet at the torque recommended by the manufacturer. The tension of the screws is thus maintained so that the screws cannot work loose.
The First Step!

1. Dental Practice  →  Dental Laboratory

What we need from you after the first restorative visit:

1) Initial impression with Impregum over reduceable transfer copings
2) Temporary bite registration
3) Arbitrary transfer guide (bite fork)
4) Opposing arch cast or impression
5) Study cast – photo – tooth shade – tooth shape

The Second Step!

2. Dental Laboratory  →  Dental Practice

What we provide you with for the second restorative visit:

1) Initial cast with abutment verification for position control
2) Indexed abutment verification
3) Screw-down bite block
4) Opposing arch cast
5) Study cast
6) Screw-down tooth setup
7) Custom tray

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