Implant surgery day

One sheet per patient. Tick as you go.

For dentists. A checklist, not a protocol: use it alongside proper training and mentorship.

Patient (initials) _____

Site _____

Date _____

BEFORE THE DAY

- ☐ CBCT reviewed. Bone density (circle):
  (D1 >1250) (D2 850–1250) (D3 350–850) (D4 150–350)
  Hounsfield units
- ☐ Distance to IAN canal (lower) _____ mm
  Distance to sinus floor (upper) _____ mm
- ☐ Phenotype: thin / thick
- ☐ Pre-op photos
- ☐ Consent letter signed
  Before any sedative is taken
- ☐ Pre-op medication prescribed, per current guidelines and your mentor
- ☐ If sedated: escort home arranged, not driving
- ☐ Other details: _____

ON THE DAY

- ☐ Confirmed pre-op medication taken as prescribed

SET-UP

- ☐ Sterile set-up
- ☐ Sterile field
- ☐ Pre-op scaling
- ☐ Pre-op chlorhexidine rinse
- ☐ Irrigation connected. Confirm it is **saline**
- ☐ Kit: Neodent / Neoss
  Drill sequences differ. Check the kit's card.

SURGERY

- ☐ **1** LA
- ☐ **2** Flap: midcrestal / papilla-sparing
- ☐ **3** Pilot drill with irrigation: *e.g. 800–1200 rpm · 35 Ncm**
  Check markings for depth
- ☐ **4** IOPA to check angulation
- ☐ **5** Osteotomy to planned depth. Step up through the drills, same speed and torque
- ☐ **6** Pick up implant carefully. **CHECK SPEED**
  Motor down to insertion speed: *e.g. 20–30 rpm · 30–35 Ncm**
- ☐ **7** Place implant with implant driver
- ☐ **8** Final seat with torque wrench. Primary stability and depth: *e.g. 32 Ncm, 1–2 mm subcrestal**
- ☐ **9** Buried: cover screw / Exposed: healing abutment
- ☐ **10** Close and suture
- ☐ **11** Photos of where we are at
- ☐ **12** IOPA at end

RECORD

System _____ Ø × L _____

Insertion torque _____ Ncm Depth _____

Healing abutment _____ mm Sutures _____

Implant label sticker

POST-OP

- ☐ Post-op instructions given, written and spoken
- ☐ Medication instructions explained
- ☐ Pain relief plan explained
- ☐ Escort present if sedated
- ☐ Review / suture removal booked: _____
- ☐ Notes written

* Example settings from my own kit, not recommendations. Speeds, torques and depth vary by implant system: confirm every number against your system's protocol and your mentor before you use it.

Dr Will Shield · drwillshield.com · @drwillshield