

STEP1 Scanning

CT scanning

Incorrect CT data will cause deviation in design planning. Therefore, please make sure CT scans are taken with clear anatomical structure of nature teeth, nerves, sinus, etc. It is highly recommended to confirm the format of the images with the design team before proceeding with production of surgical guide. If there are any problems, please contact your CT agent for assistance.

Precautions

- CT scan must be done in open bite.
- Output should be in DICOM format



✗ Incorrect CT scanning
(Close Bite)



○ Correct CT scanning
(Open Bite 2-5mm)

Metal scattering solutions

- PFM or Metal Crown will cause serious CT scattering which may lead to improper readings and cause problems on planning. Therefore, the radiopaque marker attachment is necessary.

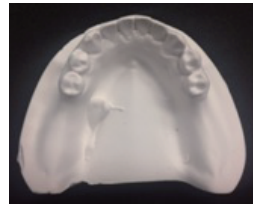


Marker should stick evenly on the edentulous or gingiva before proceeding with CT scanning. Confirm the marks are completely displayed in data after the CT scan. Send the cast model or oral scan with markings to Anker Digital Lab Center.

STEP2 Model

Model Impression/ Oral Scan

The quality of the model impression is very important. It will affect whether the surgical guide will fit accurately in the mouth. Impression area should include maxilla, mandible and occlusion.



Tooth area and edentulous area should be taken clearly.



Plaster model should package in bubble wraps to prevent damage.

STEP5 Fabrication

3D-Print Surgical Guide

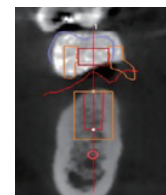
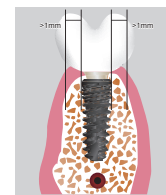
- We use top quality with superior precision 3D printers to produce implant surgical guide based on DLP molding technology.



STEP3 Planning

Implant Planning

Implant placement based on restorative needs and surgical requirements. We follow the basic principles of implant planning and choose appropriate implant sizes according to the condition of the bone.



There is a caution alert of the safe-zone surrounding the implant area (marked in orange) in the planning software. Please refer to the Design-Planning Report for details

STEP 6 Delivery

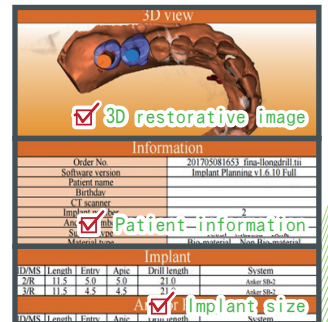
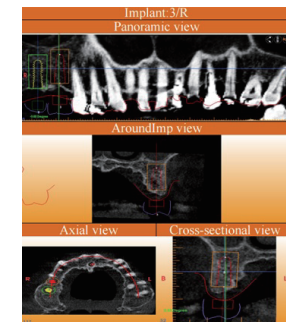
Checking List

- Please check patient, doctor and clinic name first upon receiving the implant surgical guide.
- We recommend to perform the operation within 10 day after receiving the surgical guides to avoid any changes of the oral environment.
- Please be sure to “try-in” the surgical guide before operation!
- Do not pull the surgical guide to avoid any possible structural damages or causing the sleeves to drop off.

STEP4 Confirmation

Planning report

Anker team will generate a report for the dentist to review the planning and design. Dentists should discuss and/or revise the planning with Anker team for optimal planning solution.



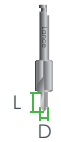


Surgical Guide Kit Information

Anker Surgical Guide(Simple)

REF No. SKSGP02

Surgical Guide Kit Components



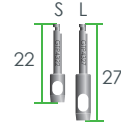
Lance Drill

ITEM	L	D	REF No.
Lance Drill	5	2	SGLD01



No Mount Piece driver

No Mount Piece driver(Narrow)	SGPD05
No Mount Piece driver(Standard)	SGPD07



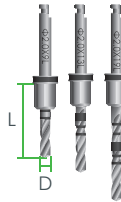
Tissue Punch

Tissue punch (S)	GTP4322
Tissue punch (L)	GTP4327



Fixture driver

Fixture driver (Narrow)	AFD001LN
Fixture driver(Standard)	AFD001LS



Twist Drill

ITEM	L (mm)	Ø2.0	Ø2.9	Ø3.4	Ø3.9
Short Drill	14	SGTD2009	SGTD2909	SGTD3409	SGTD3909
Middle Drill	18	SGTD2013	SGTD2913	SGTD3413	SGTD3913
Long Drill	24	SGTD2019	SGTD2919	SGTD3419	SGTD3919



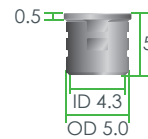
Extension

REF No.
AED002S



1.2 Hex Driver

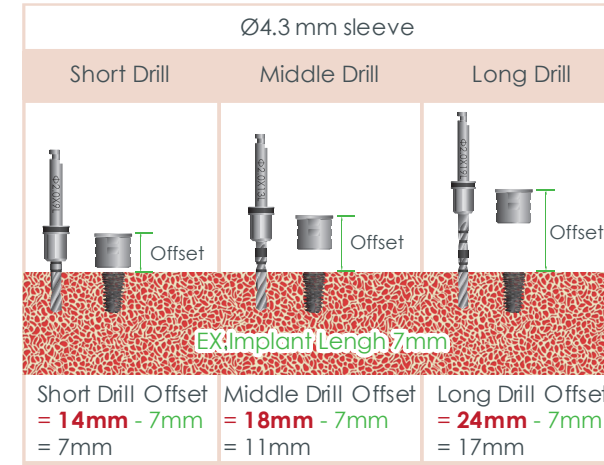
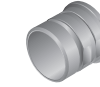
REF No.
AHD12L



Sleeve

REF No.
APR4305

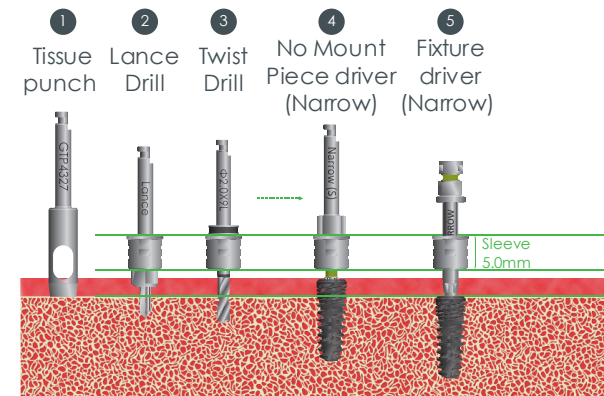
Guide Sleeve & Integration Kit Depth Control



The offset will change depending on the length of the implant and drill. If you have any questions about setting the offset, please contact your local dealer.

Fixture Guide Drill Sequence

Narrow Fixture



Digital Implant Surgical Guide

Alliance Global Technology Co., Ltd
No.92, Luke 5th Rd., Luzhu Dist., Kaohsiung City 821,
Taiwan (R.O.C.)
TEL | 07-695-6688 FAX | 07-695-5329

