

medartis

PRECISION IN FIXATION

PRODUCT INFORMATION

Scaphoid System 1.5–3.0



APTUS Hand

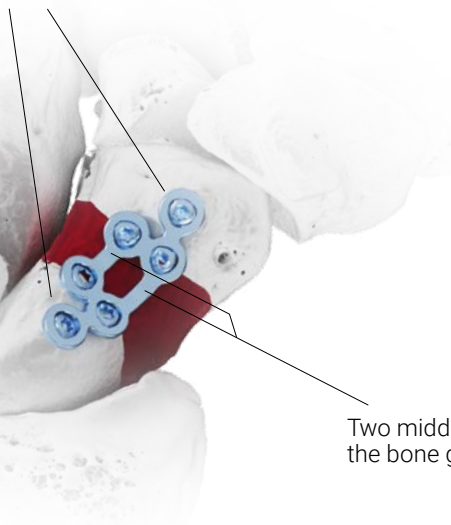
Uniqueness. Triplicated.

The scaphoid plates are designed to treat primarily non-unions after previous conservative or operative treatment. In addition, the design and internal fixator principle of these locking plates allow the treatment of multifragmentary, complex or very distal fractures of the scaphoid.

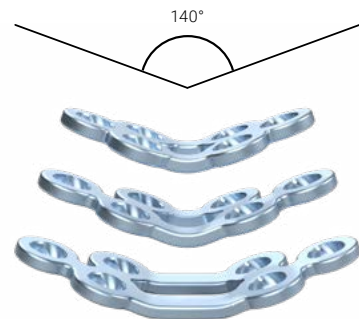


Three plate options offer improved anatomical fit to respond to the large variability in size and shape of the scaphoid bone.

High degree of stability due to the grid structure and up to three TriLock screws on each side of the non-union



Two middle bars to keep the bone graft in place



Anatomically preshaped to correct humpback deformity

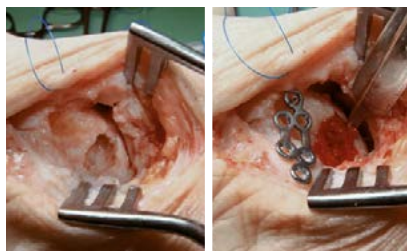


TriLock – multidirectional ($\pm 15^\circ$) and angular stable locking technology

Case 1 – Non-union treated with the scaphoid plate



Preoperative CT and X-ray.
Patient: male, 38 years old.
Non-union of the scaphoid.



Intraoperative image, volar.
Left: Resection of the pseudarthrotic tissue.
Right: Prefixation of the plate with a suture.

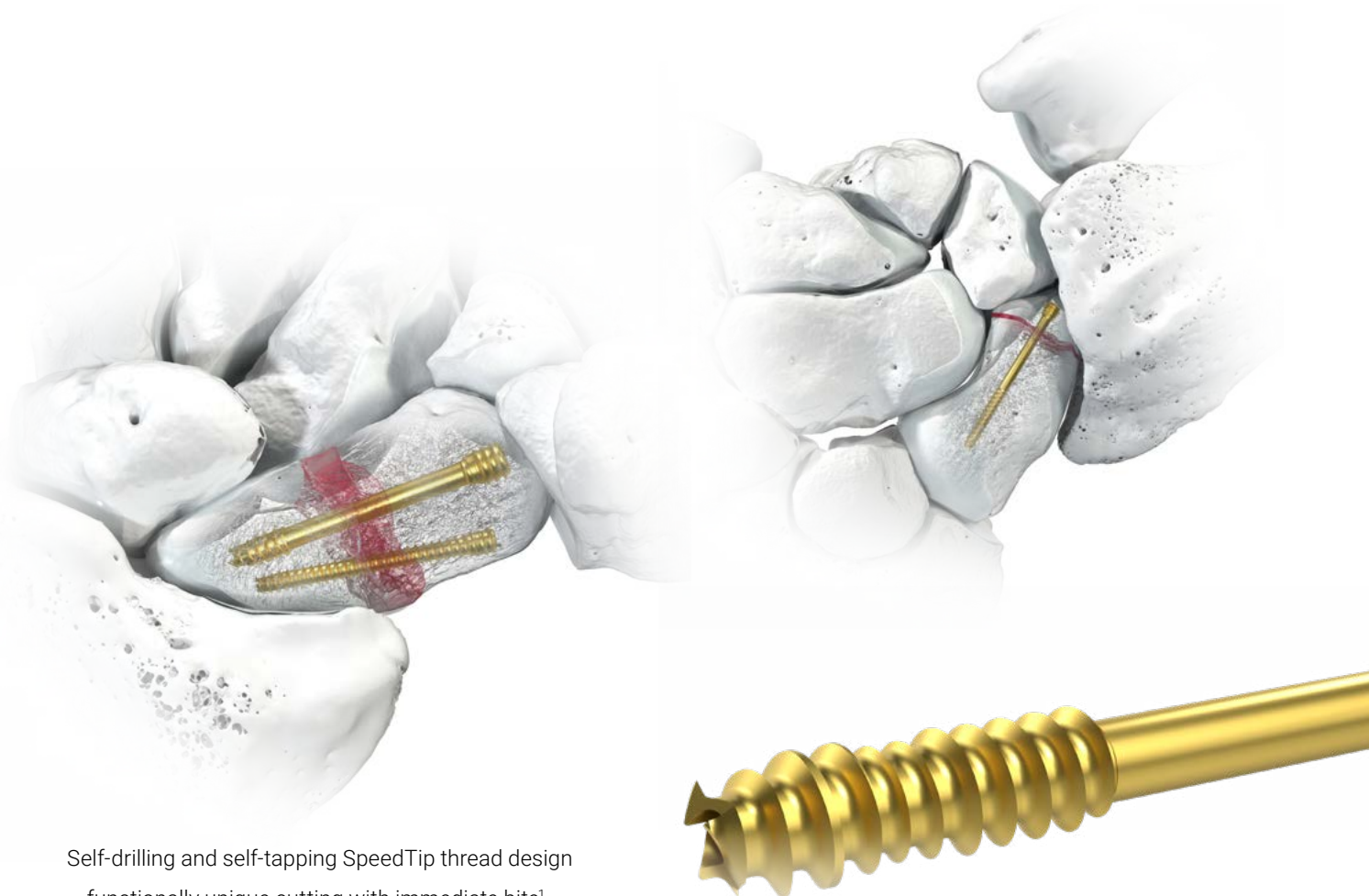


X-rays, 10 weeks postoperatively.
The union of the pseudarthrosis is well visible.

Clinical example published with the kind permission of the author.

Comprehensive. Yet Simple.

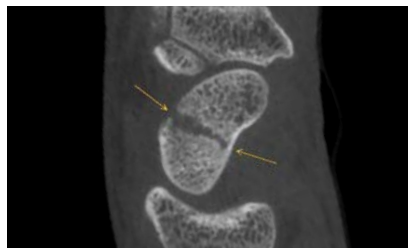
The headless CCS portfolio offers a comprehensive range of screw sizes (CCS 1.7, 2.2, 3.0) and lengths to accommodate your needs for the treatment of scaphoid fractures. Different thread designs – partially and fully threaded – allow for multiple fixation combinations and techniques, e.g. for fracture reduction with or without compression.



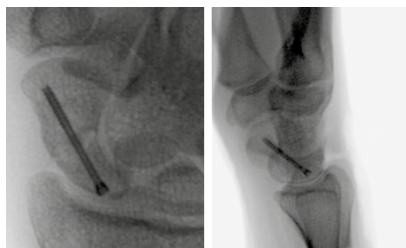
Self-drilling and self-tapping SpeedTip thread design

- functionally unique cutting with immediate bite¹
- immediate cutting of the bone with only slight axial pressure

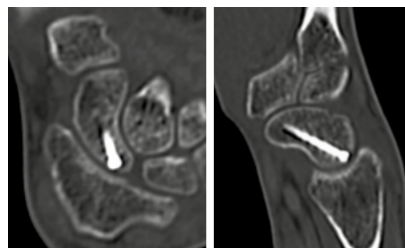
Case 2 – Scaphoid waist fracture treated with a headless screw



Preoperative CT. Patient: female, 27 years old. Stumbling fall ended in a scaphoid fracture.



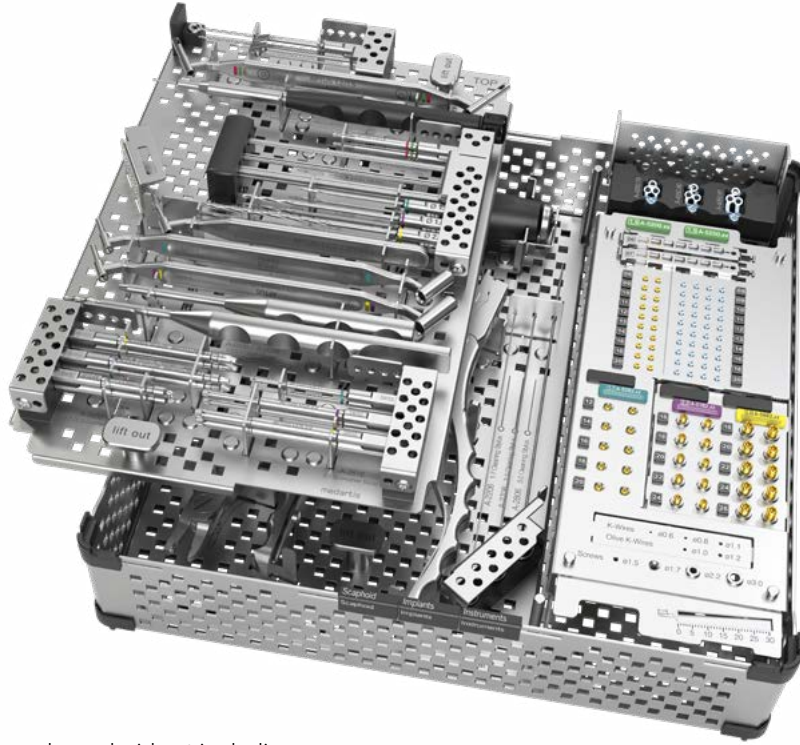
Intraoperative X-ray. Scaphoid fixation with a CCS 1.7, long thread.



Postoperative CT after 3 months with healed scaphoid bone.

Clinical example published with the kind permission of: N. Schelhorn, R. Fricker, Switzerland

Storage



Example of an equipped scaphoid set including scaphoid plates and headless cannulated screws 1.7, 2.2 and 3.0

Bibliography

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Putnam, J.G., et al., Outcomes of Unstable Scaphoid Nonunion With Segmental Defect Treated With Plate Fixation and Autogenous Cancellous Graft. J Hand Surg Am, 2019b. 44(2): p. 160.e1-160.e7.

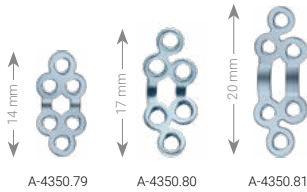
Dodds, S.D., et al., Lessons learned from volar plate fixation of scaphoid fracture nonunions. J Hand Surg Eur Vol, 2018. 43(1): p. 57-65.

Dodds, S.D. and A. Halim, Scaphoid Plate Fixation and Volar Carpal Artery Vascularized Bone Graft for Recalcitrant Scaphoid Nonunions. J Hand Surg Am, 2016. 41(7): p. e191-8.

Ordering Information

1.5 Scaphoid Plates

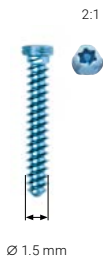
Material: Unalloyed titanium (ASTM F67, ISO 5832-2)
Plate thickness: 0.8 mm



Art. No.	STERILE	Template	Description	Pieces / Pkg
A-4350.79	A-4350.79S	A-4350.79TP	for scaphoid, small	1
A-4350.80	A-4350.80S	A-4350.80TP	for scaphoid	1
A-4350.81	A-4350.81S	A-4350.81TP	for scaphoid, large	1

1.5 TriLock Screws, HexaDrive 4

Material: Titanium alloy (ASTM F136, ISO 5832-3)



Length	Art. No.	STERILE	Pieces / Pkg	Art. No.	Pieces / Pkg
6 mm	A-5250.06/1	A-5250.06/1S	1	A-5250.06	5
7 mm	A-5250.07/1	A-5250.07/1S	1	A-5250.07	5
8 mm	A-5250.08/1	A-5250.08/1S	1	A-5250.08	5
9 mm	A-5250.09/1	A-5250.09/1S	1	A-5250.09	5
10 mm	A-5250.10/1	A-5250.10/1S	1	A-5250.10	5
11 mm	A-5250.11/1	A-5250.11/1S	1	A-5250.11	5
12 mm	A-5250.12/1	A-5250.12/1S	1	A-5250.12	5
13 mm	A-5250.13/1	A-5250.13/1S	1	A-5250.13	5
14 mm	A-5250.14/1	A-5250.14/1S	1	A-5250.14	5
16 mm	A-5250.16/1	A-5250.16/1S	1	A-5250.16	5
18 mm	A-5250.18/1	A-5250.18/1S	1	A-5250.18	5
20 mm	A-5250.20/1	A-5250.20/1S	1	A-5250.20	5

1.5 Cortical Screws, HexaDrive 4

Material: Titanium alloy (ASTM F136, ISO 5832-3)



Length	Art. No.	STERILE	Pieces / Pkg	Art. No.	Pieces / Pkg
6 mm	A-5200.06/1	A-5200.06/1S	1	A-5200.06	5
7 mm	A-5200.07/1	A-5200.07/1S	1	A-5200.07	5
8 mm	A-5200.08/1	A-5200.08/1S	1	A-5200.08	5
9 mm	A-5200.09/1	A-5200.09/1S	1	A-5200.09	5
10 mm	A-5200.10/1	A-5200.10/1S	1	A-5200.10	5
11 mm	A-5200.11/1	A-5200.11/1S	1	A-5200.11	5
12 mm	A-5200.12/1	A-5200.12/1S	1	A-5200.12	5
13 mm	A-5200.13/1	A-5200.13/1S	1	A-5200.13	5
14 mm	A-5200.14/1	A-5200.14/1S	1	A-5200.14	5
16 mm	A-5200.16/1	A-5200.16/1S	1	A-5200.16	5
18 mm	A-5200.18/1	A-5200.18/1S	1	A-5200.18	5
20 mm	A-5200.20/1	A-5200.20/1S	1	A-5200.20	5

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