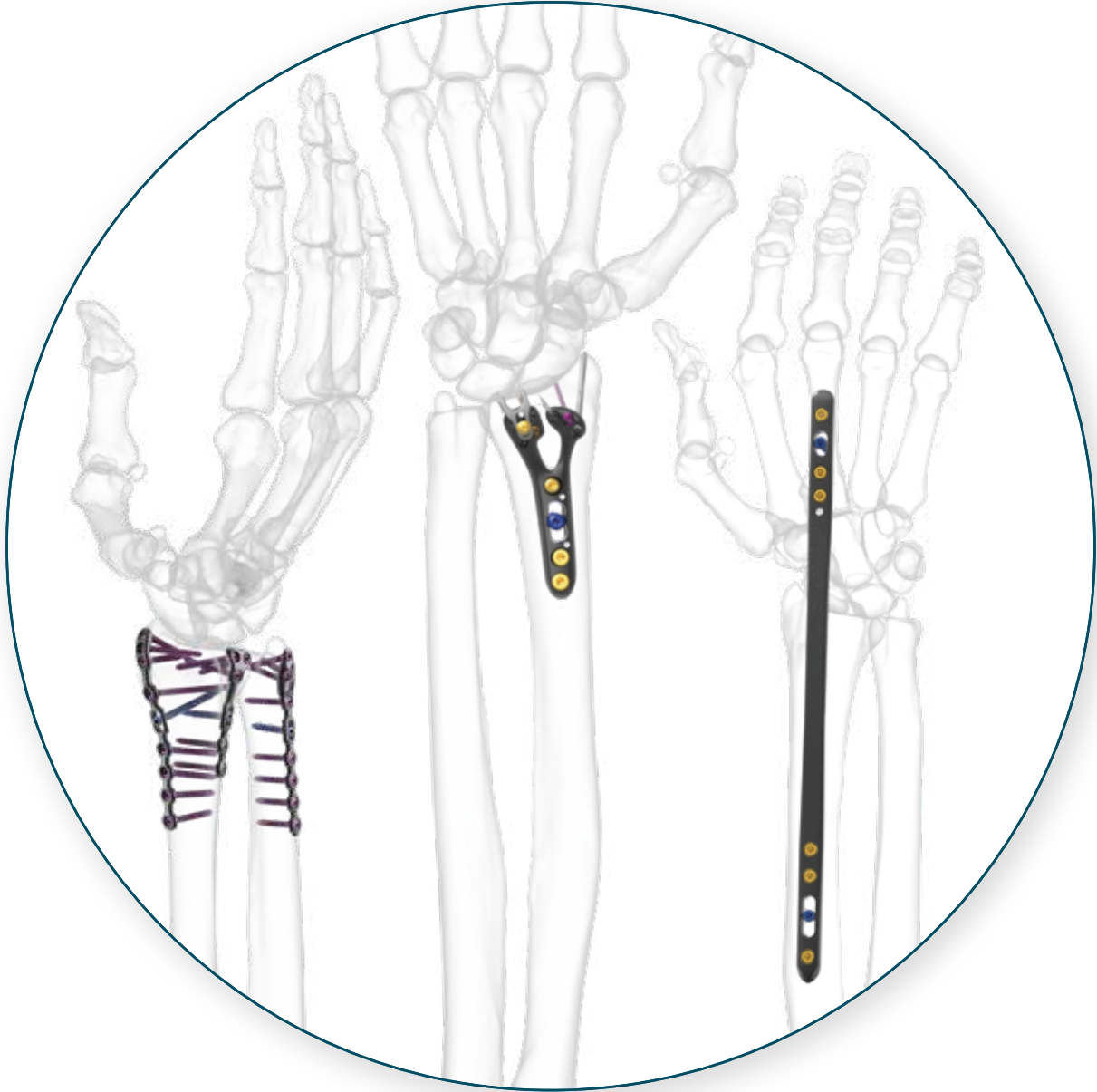


GEMINUS[®]

distal radius system

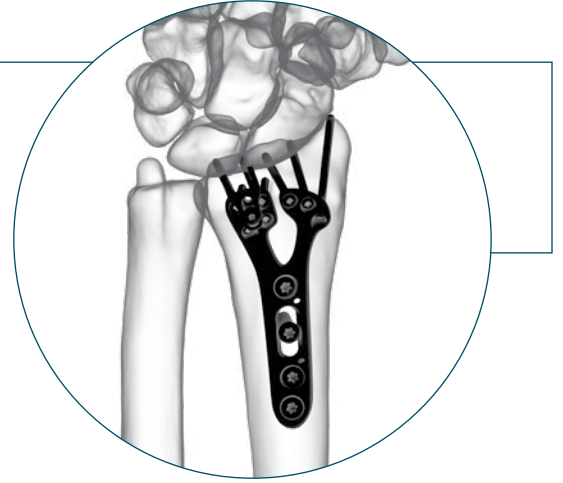


The complete distal radius solution

A **comprehensive** system for **every** fracture

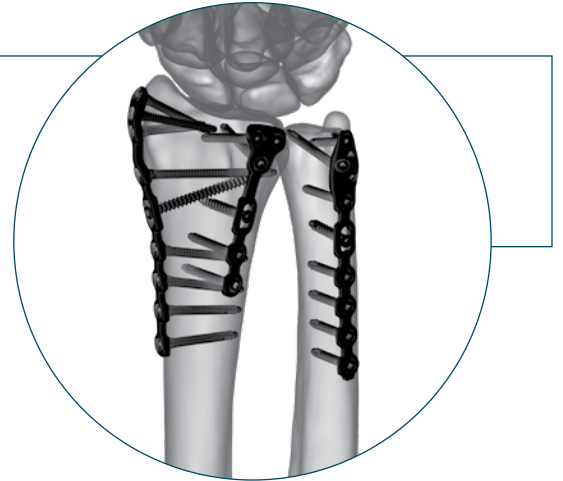
VOLAR

GEMINUS®



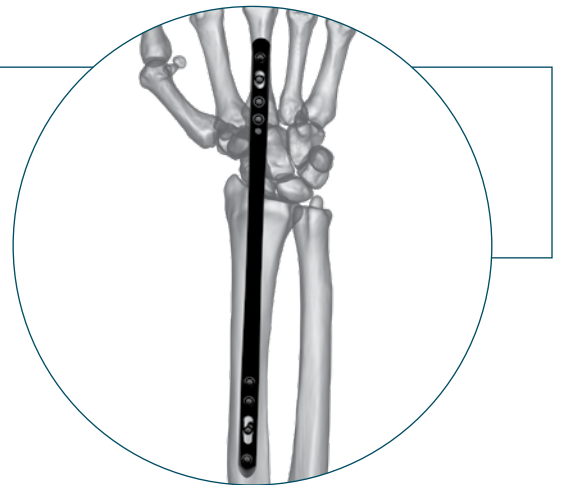
FRAGMENT SPECIFIC

PROTEAN®



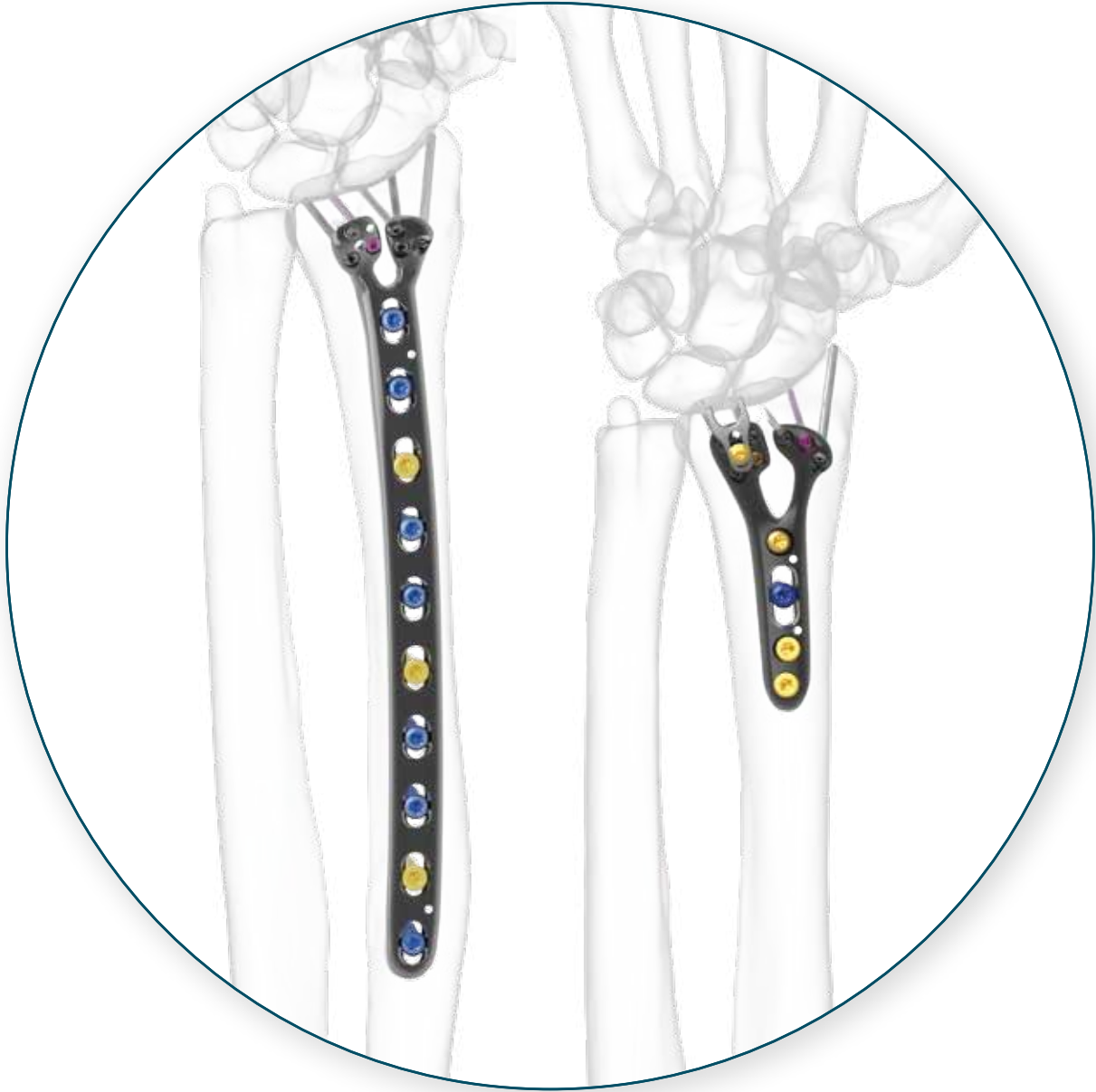
POLYTRAUMA

DORSAL SPANNING PLATE



GEMINUS[®]

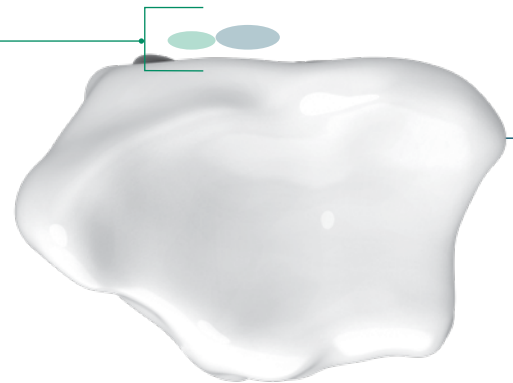
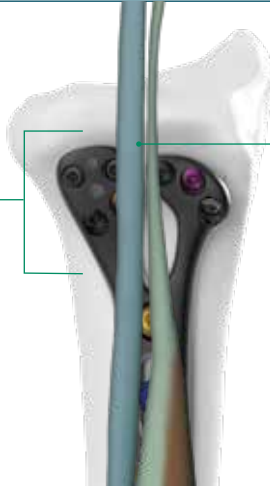
volar plating system



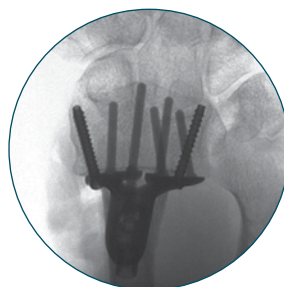
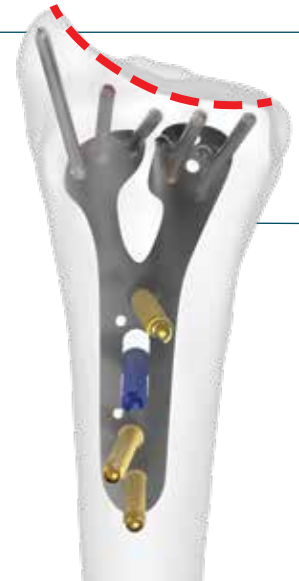
Two heads are better than one

Optimized subchondral support while minimizing the potential for soft tissue injury

Dual head design protects flexor tendons by providing the lowest profile at the watershed line¹



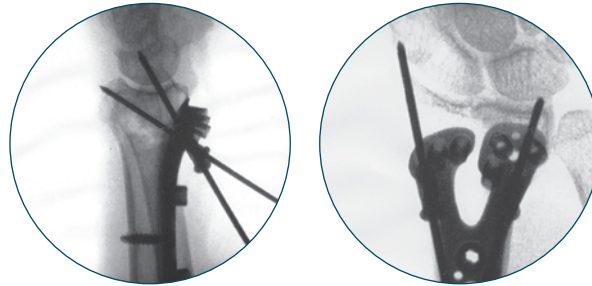
Screw trajectories designed to provide optimal subchondral support



Innovative tools to facilitate surgery

Ready, AIM, fire

AIMing Guides
Pre-inserted distal drill guides
to confirm reduction and
screw trajectories prior to
screw insertion



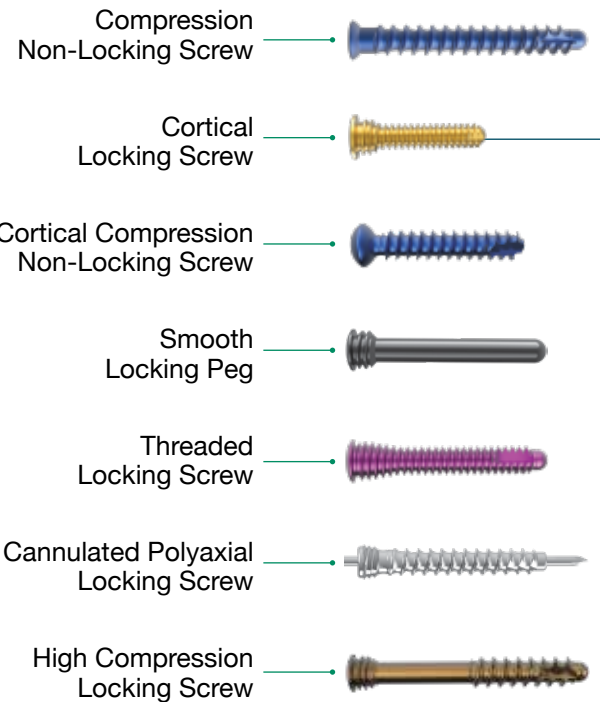
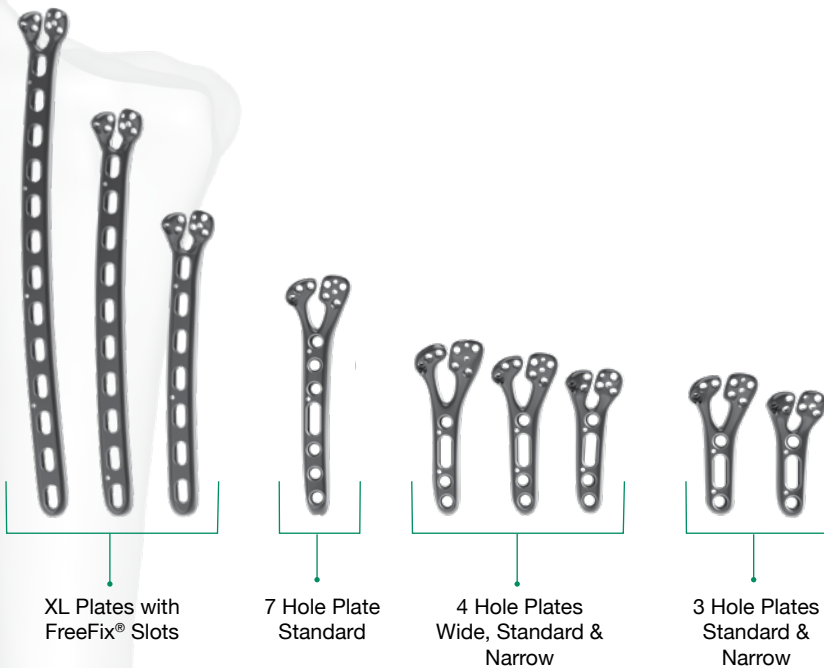
Don't let your case be *marginal-ized*

Hook Plate Option
extends fixation to secure
volar marginal fragments



Customize your construct

Multiple implant options



9 PLATE LENGTHS
46mm - 200mm

3 PLATE WIDTHS
Narrow, Standard, Wide

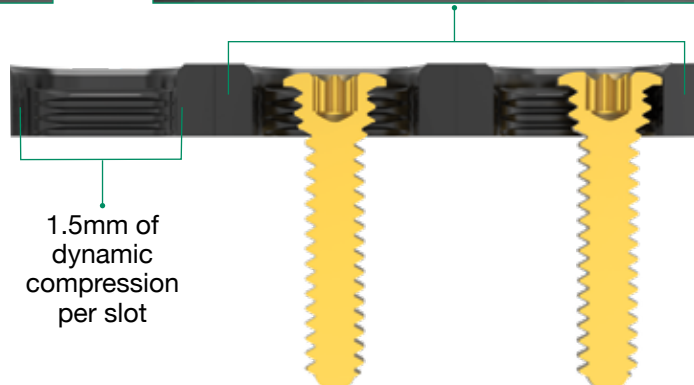
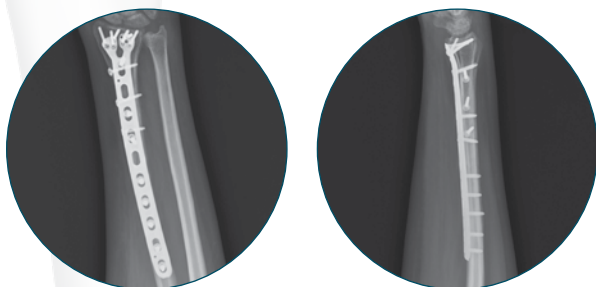
7 SCREW OPTIONS
1mm Increment Lengths

FreeFix® technology allows the fracture to dictate screw placement

Both compression and locking screws can be inserted in any position in FreeFix® slots

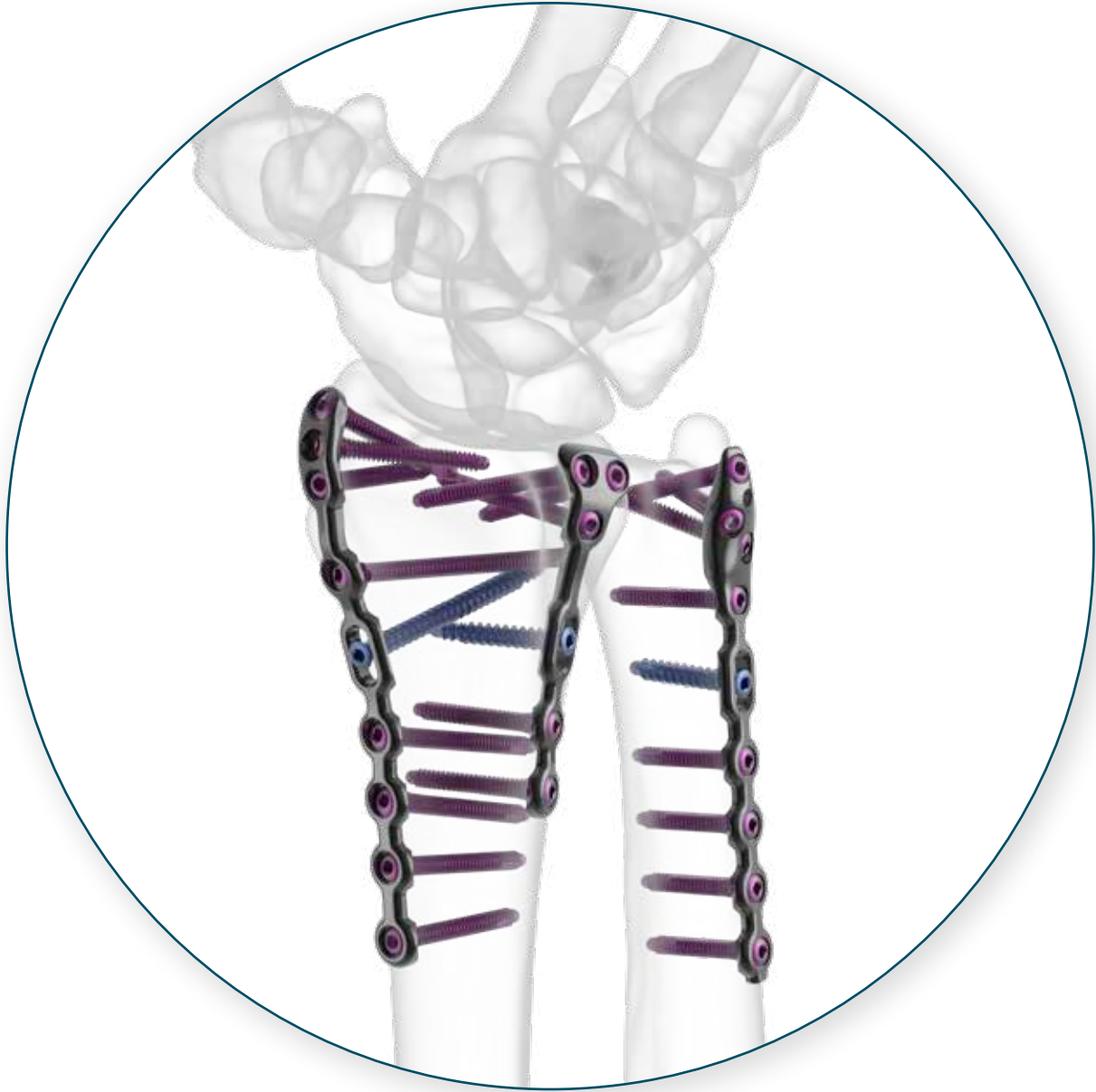


Patented horizontal thread pattern allows dynamic compression with locking screws



PROTEAN[®]

fragment plating technology

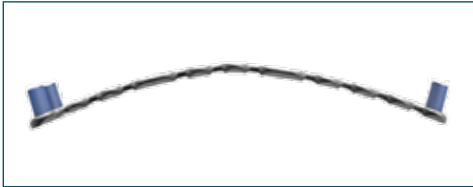


Custom contouring

True in-situ contouring after screw insertion

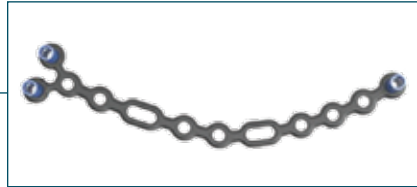
Malleable in three planes

Vertical Plane



30° PER NODE

Horizontal Plane



5° PER NODE

Transverse Plane



45° PER NODE

Low profile, indication specific options designed for optimal subchondral support



Radial Column



Central Column



Distal Ulna

Additional fragment
plating options:



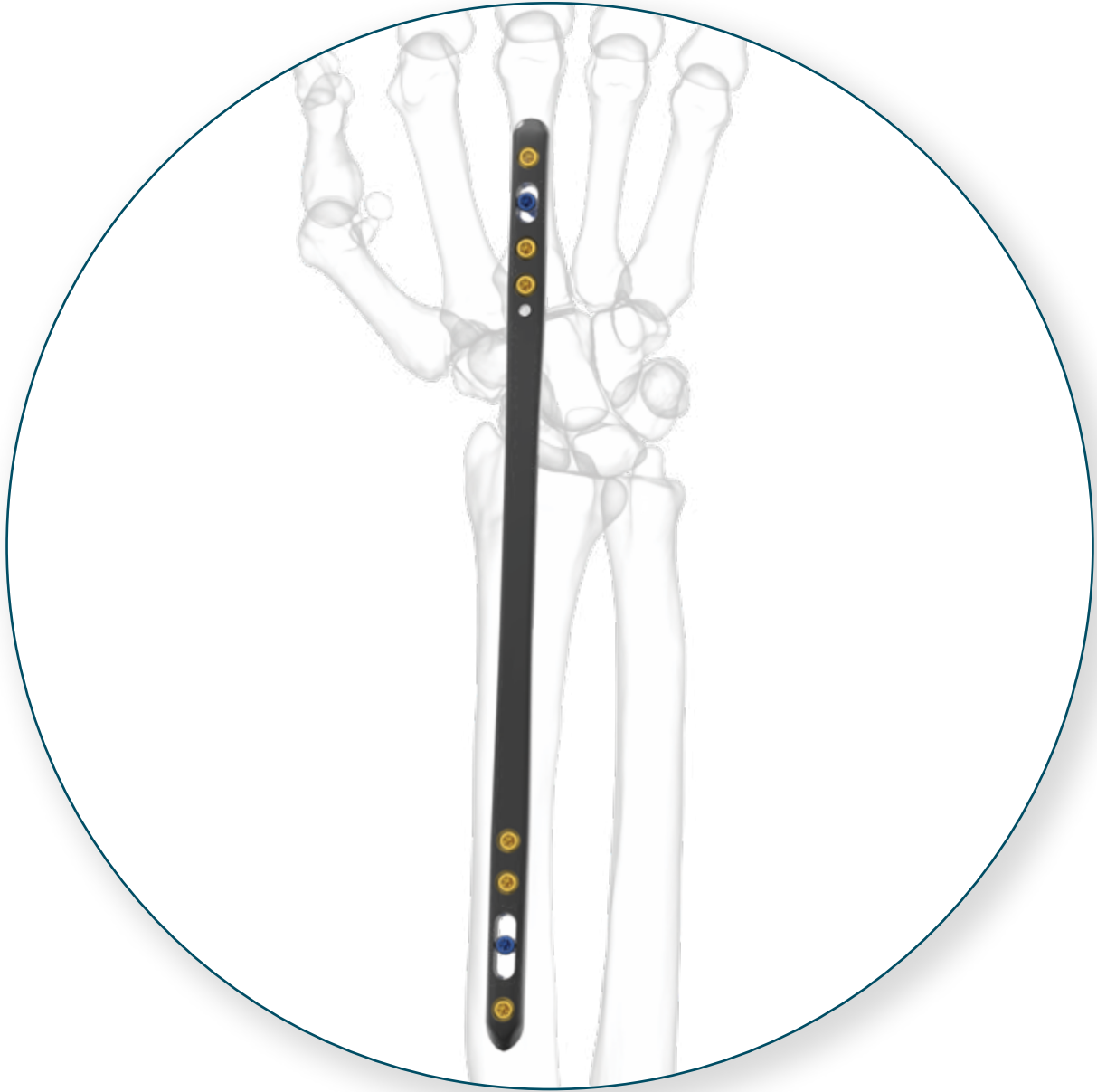
Double Hockey Stick



Y - Straight



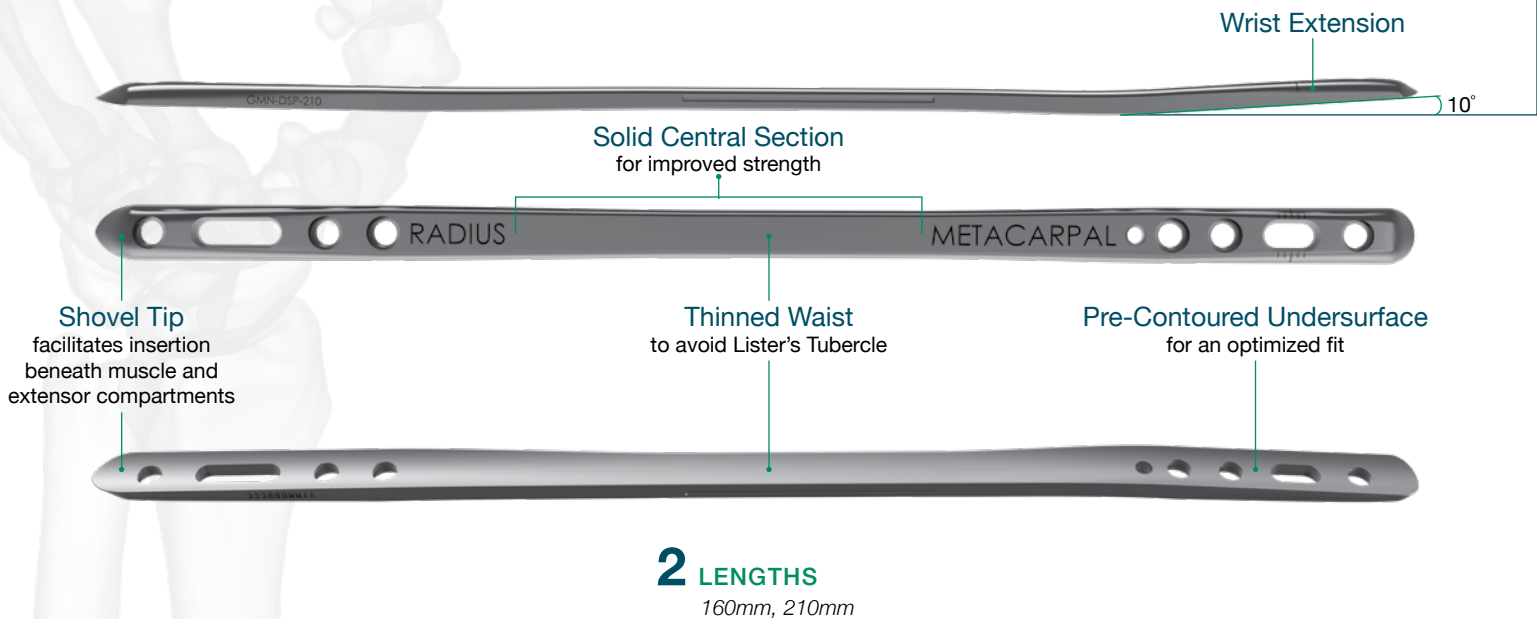
DORSAL SPANNING PLATE



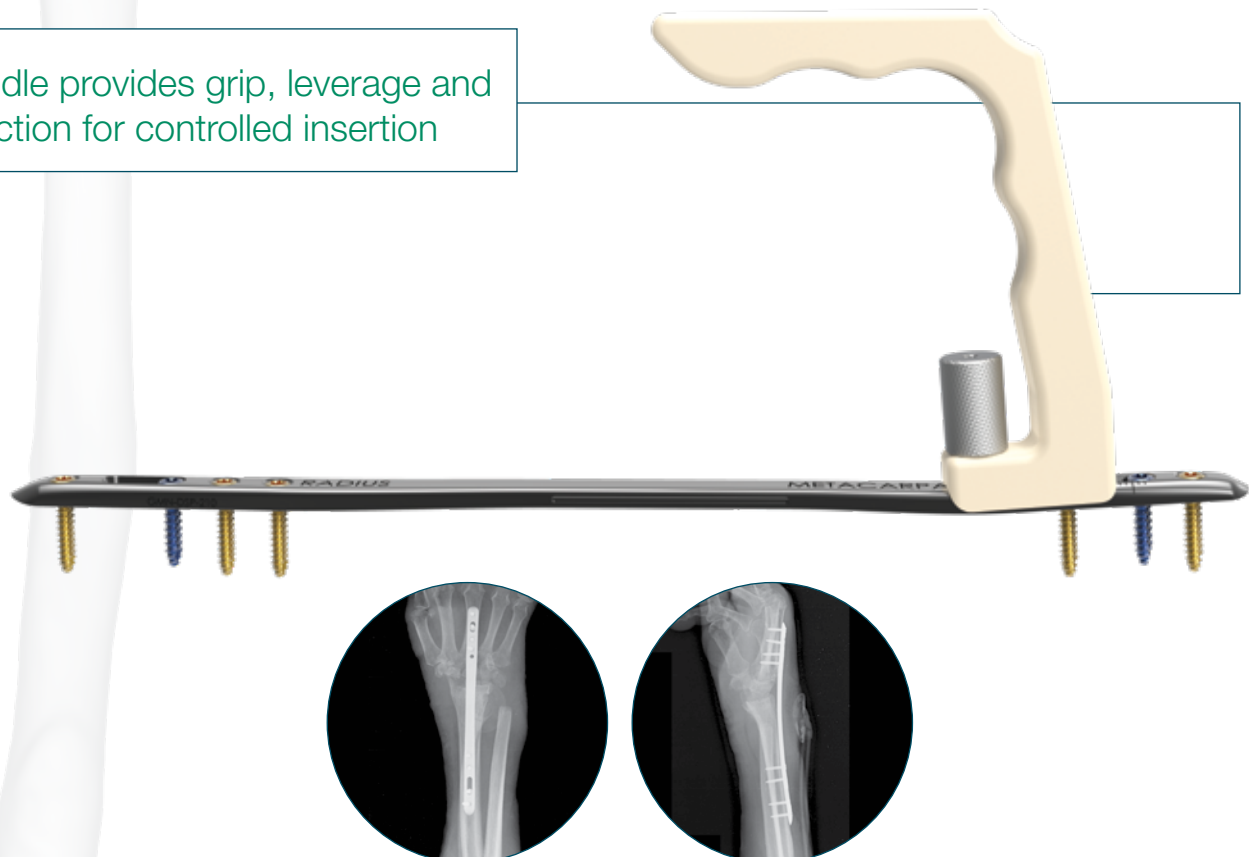
Anatomically designed bridge plate
facilitates insertion and improves reduction

Designed to improve the intraoperative and postoperative experience

10° of volar apex angulation places the hand in a position of improved function



Handle provides grip, leverage and
direction for controlled insertion



PUBLISHED CLINICAL DATA

GEMINUS®

¹Limthongthang R, Bachoura A, Jacoby SM, Osterman AL. (2014) Distal Radius Volar Locking Plate Design and Associated Vulnerability of the Flexor Pollicis Longus. *J Hand Surg Am*, 30(5): 852-860. DOI: 10.1016/j.jhsa.2014.01.038

²Salas C, Brantley JA, Clark J, Reda Taha M, Myers OB, Mercer D. (2018) Damage in a Distal Radius Fracture Model Treated With Locked Volar Plating After Simulated Postoperative Loading. *J Hand Surg Am*, 43(7): 679.e1-679.e6. DOI: 10.1016/j.jhsa.2017.12.019

³Orbay JL, Rubio F, Vernon LL. (2016) Prevent Collapse and Salvage Failures of the Volar Rim of the Distal Radius. *J Wrist Surg*, 5(1): 17-21. DOI: 10.1055/s-0035-1570745

TECHNIQUE RELATED

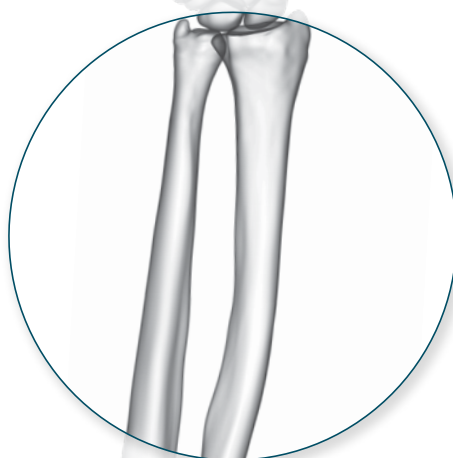
⁴Orbay JL, Gray R, Vernon LL, Sandilands SM, Martin AR, Vignolo SM. (2016) The EFR Approach and the Radial Septum- Understanding the Anatomy and Improving Volar Exposure for Distal Radius Fractures: Imagine What You Could Do With an Extra Inch. *Tech Hand Up Extrem Surg*, 20(4): 155-160. DOI: 10.1097/BTH.0000000000000139

⁵Orbay JL, Badia A, Indriago IR, Infante A, Gonzalez E, Fernandez DL. (2001) The Extended Flexor Carpi Radialis Approach: A New Perspective for the Distal Radius Fracture. *Tech Hand Up Extrem Surg*, 5(4): 204-211. DOI: 10.1097/00130911-200112000-00004

⁶Orbay J, Shah A, White BD, Patel A, Vernon L. (2016) Volar Plating as a Treatment for Distal Radius Fractures. *Plast Reconstr Surg Glob Open*, 4(9): e1041. DOI: 10.1097/GOX.0000000000001041



UNDERSTANDING THE UPPER EXTREMITY



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2797 April 2020

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Designed and Manufactured in the USA

EC

REP

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