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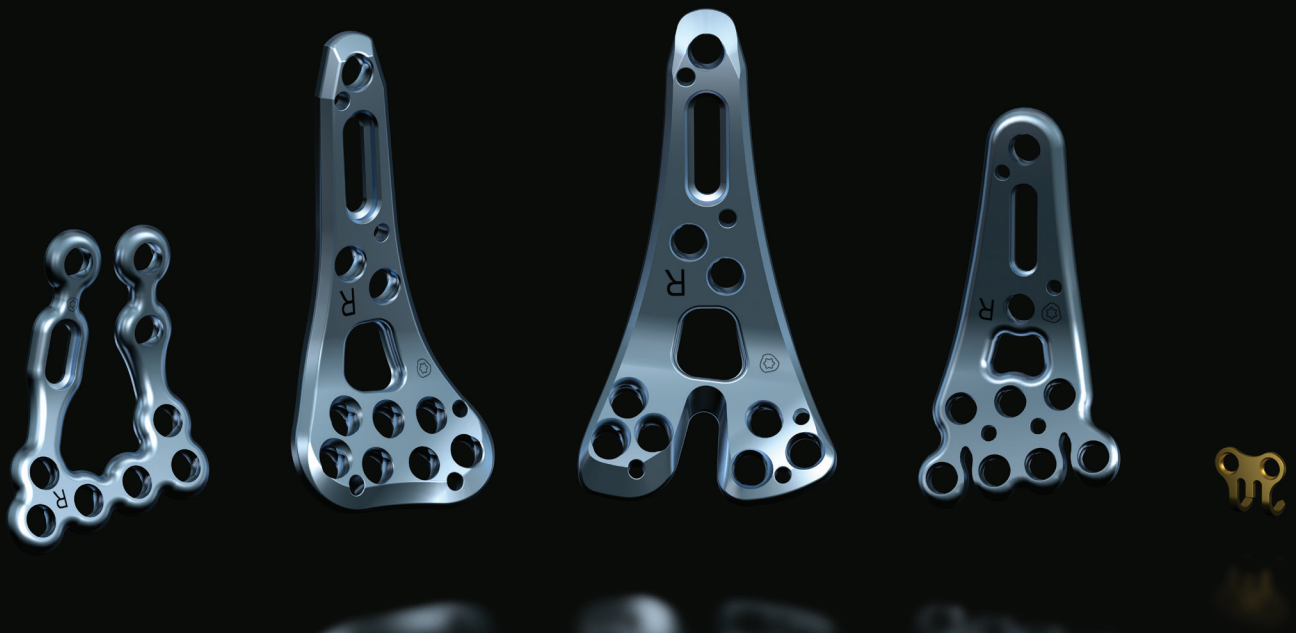


APTUS Distal Radius System 2.5

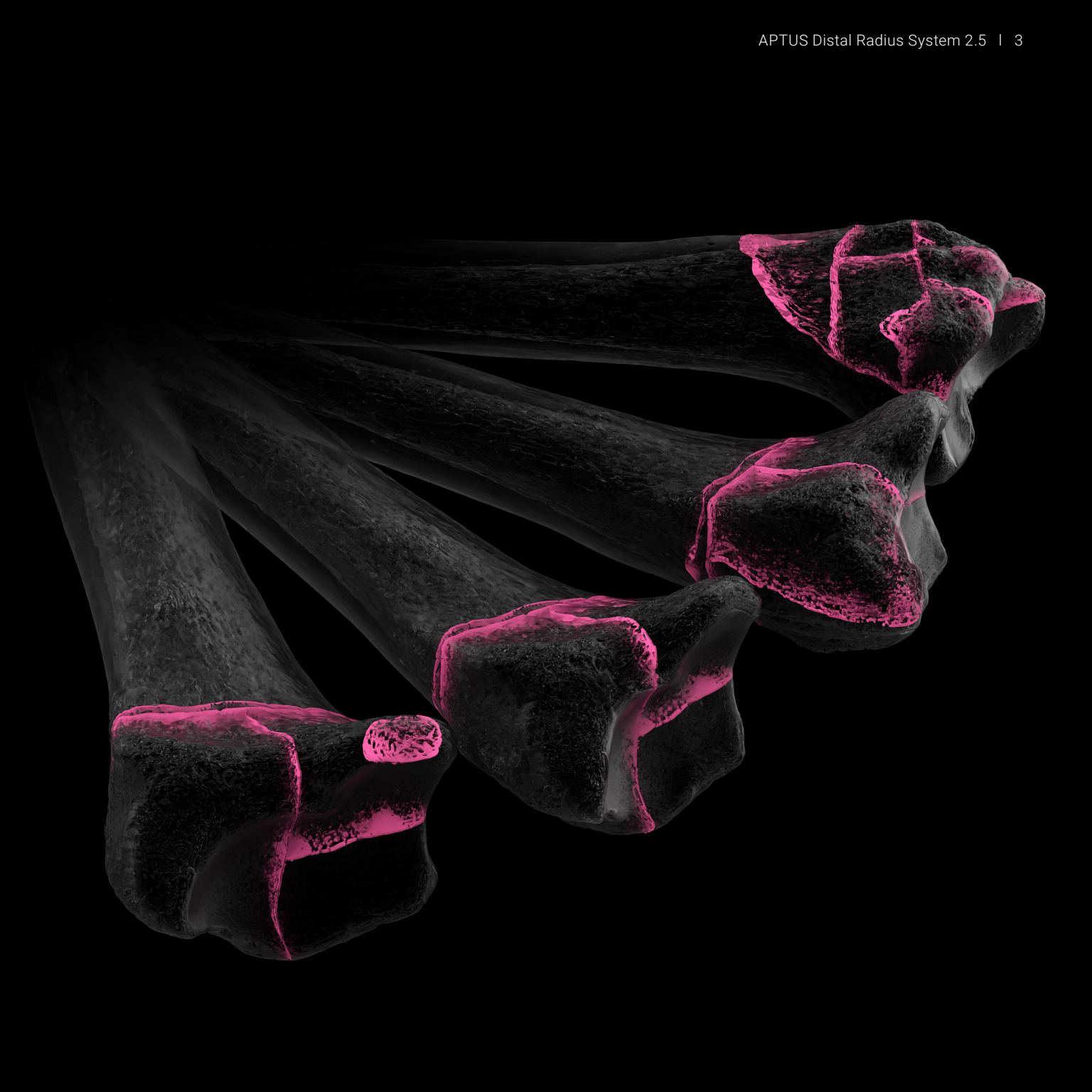
It Starts with a **Fracture**

Fractures of the distal radius are the most common fractures in the upper extremities.

There are several standard fracture plates out there that can probably treat many of your “textbook” cases. But, today is different. This patient. This bone. This fracture is complex and multi-fragmented. A *standard* plate won’t cut it. You need something special, something designed for THIS fracture pattern.

It’s easy to drive a ball on the fairway, but what do you do when your ball’s in the weeds? You need a golf bag filled with a variety of clubs, just like you need a treatment portfolio filled with a variety of fragment-specific plates.

Medartis **APTUS** Distal Radius System 2.5... we’ve got you covered.™

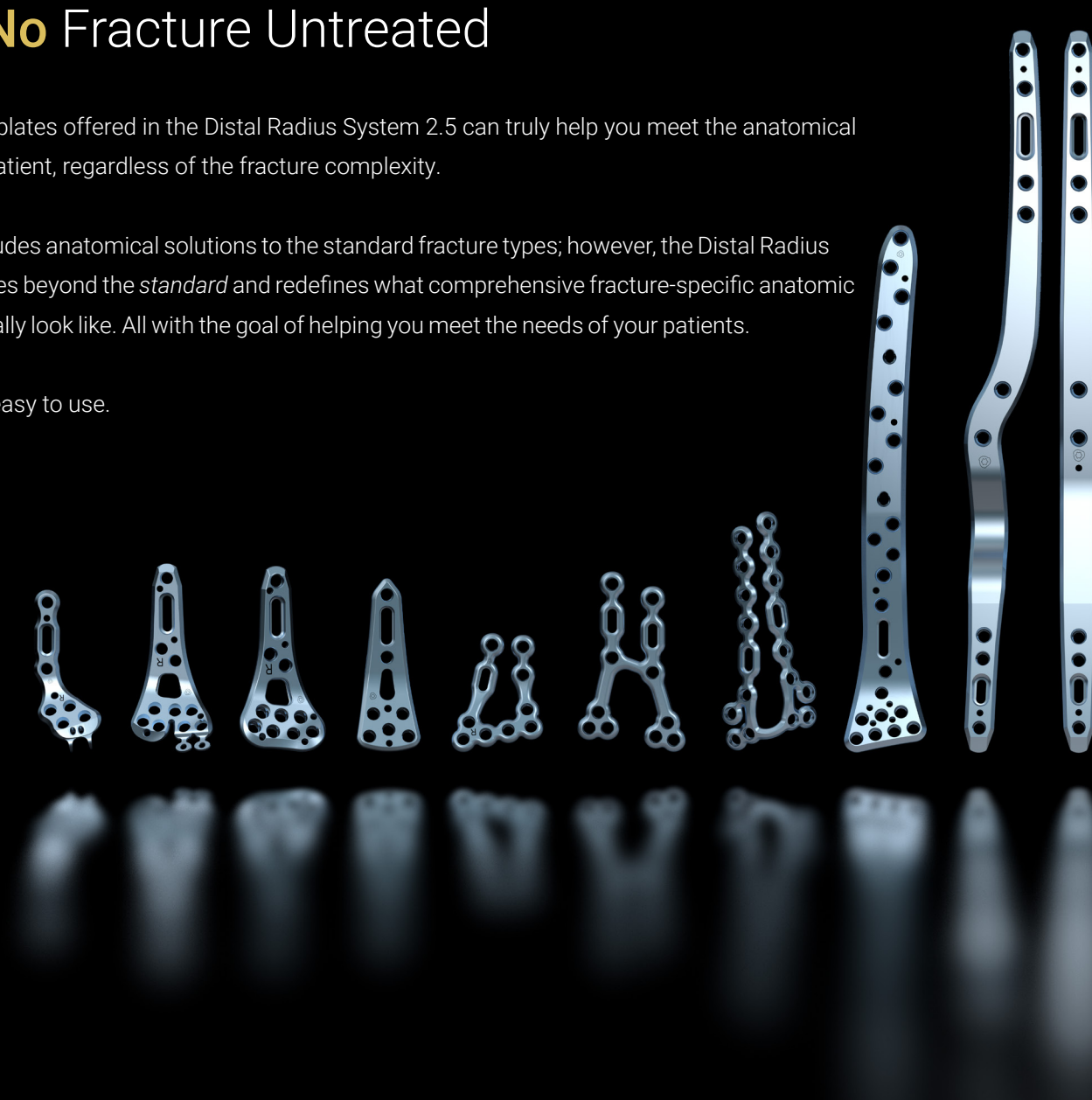


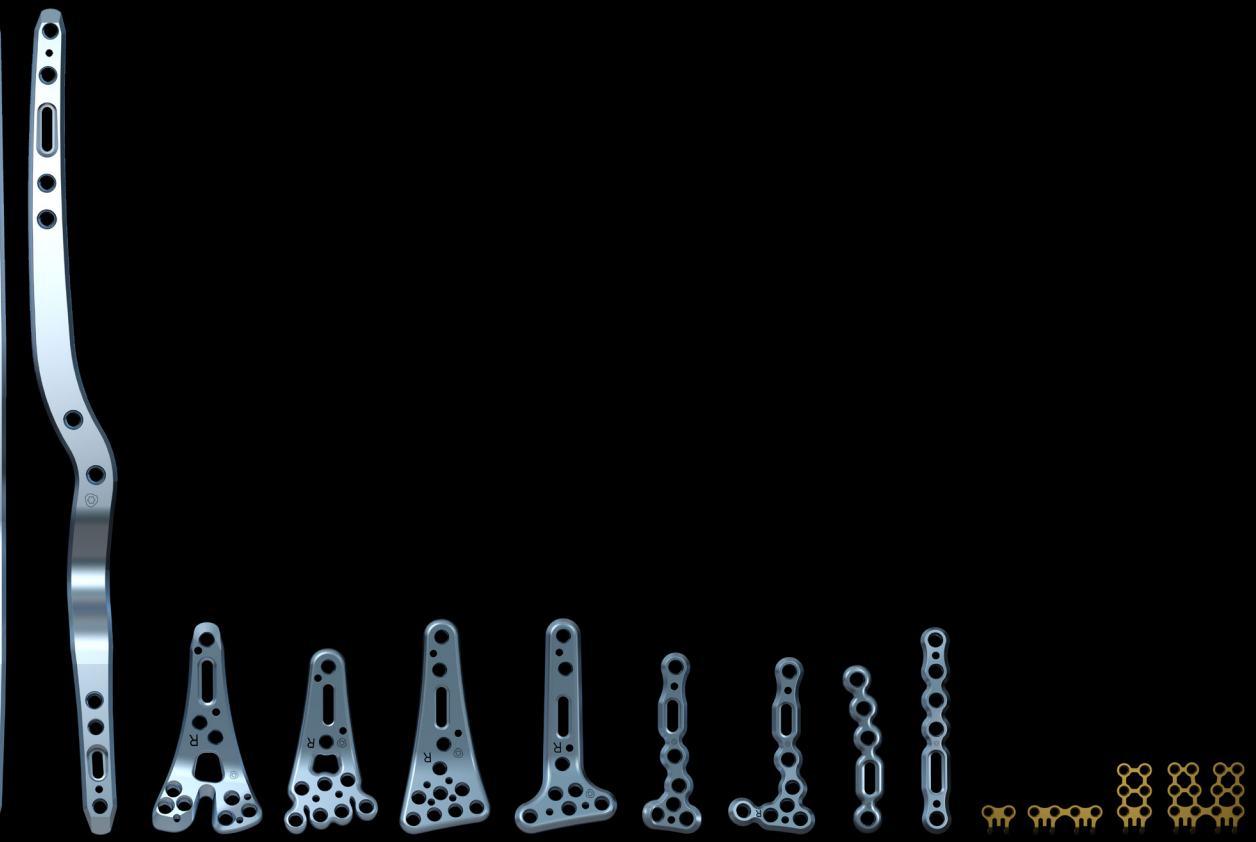
Leave **No** Fracture Untreated

The portfolio of plates offered in the Distal Radius System 2.5 can truly help you meet the anatomical needs of each patient, regardless of the fracture complexity.

Of course, it includes anatomical solutions to the standard fracture types; however, the Distal Radius System 2.5 moves beyond the *standard* and redefines what comprehensive fracture-specific anatomic solutions can really look like. All with the goal of helping you meet the needs of your patients.

Even better, it's easy to use.





Fracture-Specific Solutions **Re-defined**

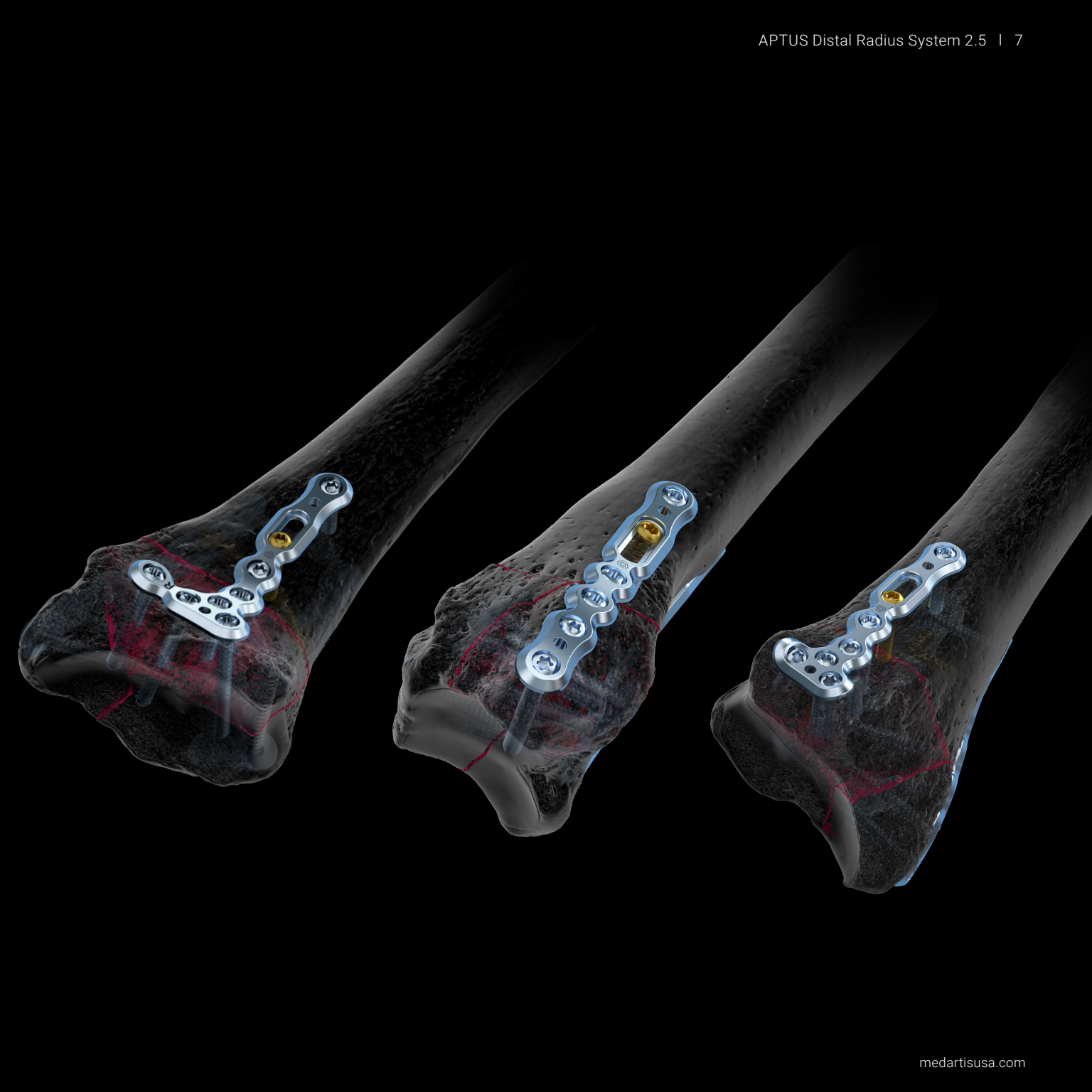
Treatment of distal radius fractures should consider implant variables, such as shape, size and width, but also patient variables, such as postoperative immobilization, downtime and function.

Literature shows that differentiating treatment strategies, taking into consideration different fracture types and modern implants, are able to lower the rate of complications and significantly improve functional outcomes.[1-8]

If having different treatment solutions can lower complications and improve outcomes, use a system that has you covered from the simple to the most complex fractures you face.

The Medartis **APTUS** Distal Radius System 2.5 gives you a multidirectional and angular stable product line with 15 fracture-specific plate designs, and:

- 69 plates in multiple lengths, widths, and thicknesses (standard set configuration)
- Less invasive options
- Rim fragment repair options
- Treatment of small and very distal fragments
- Volar, dorsal, and radial approach/fixation options
- Treatment of fractures with ulnar fragments



The **Ultimate** in Anatomic Plate Design

Anatomic design of a plate should account for more than just it's overall shape. Yes, the shape of each plate matters, but that isn't the only factor Medartis considered in it's plating systems.

Irritations and ruptures of the flexor and extensor tendons are caused by a prominent distal plate design or a plate position that is too distal, for example. Healing of a distal radius fracture in an incorrect position is another common complication. This has a long-term negative effect on the joint geometry with a resultant restriction in wrist mobility, reduction in the grip force, and development of pain and possible early osteoarthritis.[9-19]

To proactively account for possible complications like these, we designed anatomic factors into our plates that go a step further than addressing only shape variables: flap bendability, screw hole placement and shape, tendon and soft tissue respecting options, chamfered edges, size, width, length, and thickness to name a few. The Medartis Distal Radius System 2.5 provides the ultimate plate portfolio.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APTUS Distal Radius System 2.5 plates feature:

- 69 different thicknesses, widths, and lengths (standard set configuration)
- Low profile designs with minimal screw head protrusion, especially in the distal area
- Rounded edges and a smooth plate surface for soft tissue protection
- Respected anatomical structures & soft tissue (FPL tendon for example)
- Small implant options for short incisions/less invasiveness and less soft tissue irritation
- Multiple offset screw holes in the first and second distal rows providing a high degree of intraoperative flexibility
- Screws that don't interfere with each other
- Very distal plate positioning options
- Plate designs to help identify and adjust the ulnar inclination angle
- Styloid-oriented design options as well as watershed respecting design options
- Bendable anatomical plate flap options

Designed with you and your patient in mind.

Intuitive, **Easy-to-Use** Components

The philosophy of “keeping things simple” is top of mind when we’re developing a new system. What good is a product line if it’s hard to use or creates more work in the OR for our surgeons? Instrumentation should be intuitive, and easy to use without a lot of unnecessary pageantry.

While the Medartis Distal Radius System 2.5 offers 15 fracture-specific plates in 69 sizes, widths, and thicknesses it’s still extremely easy to use. Our goal is to help you treat your patient as efficiently as possible and move on to the next case.

> “The biggest benefit for me has been the simplicity of it. The fact that there’s one screwdriver, one drill bit and two different colored screws to put in has really made it something that I can use at all of our hospital locations.”
>
> - **Dr. Ryan Calfee**


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Simple, color-coded instrumentation

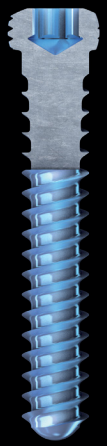
The Medartis Distal Radius System 2.5 has one screw driver handle, one drill bit and two different colored screws which means you don't have to change multiple drill bits. It's very simple to grab the handle, open the one purple drill bit, and then ask your scrub team for blue or yellow screws. This comes in especially handy when working with new or different teams and hospitals.

While our two screws are color-coded, they boast some other great features.

Not your average screws

The screws used in the Distal Radius System 2.5 are:

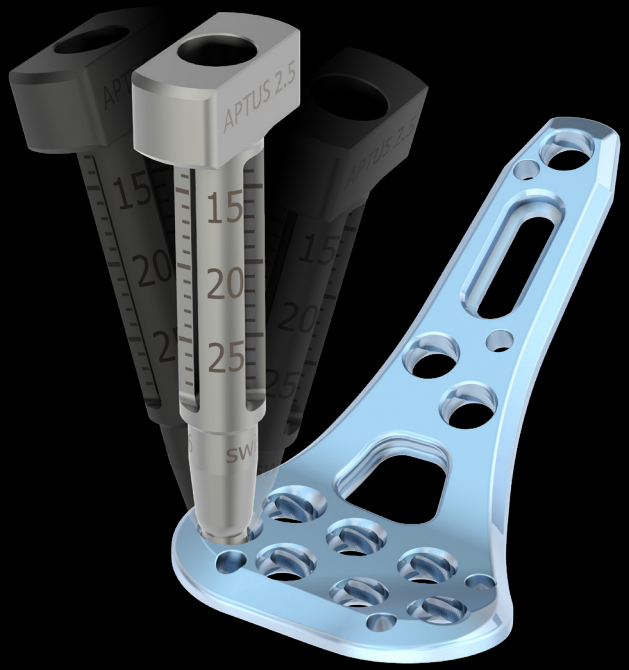
- The same dimensions (2.5 mm)
- Variable angle locking screws with a multidirectional locking mechanism
- Available with TriLock screws that can be re-locked up to three times in the same hole
- Designed to not interfere with each other and be non-protruding
- There to help you fine-tune your results



A self-holding drill sleeve

Don’t underestimate the benefits of a self-holding drill sleeve when trying to keep your procedure simple. This tool:

- Can be locked in the TriLock contour of the plate in the selected angle
- Is multidirectional ± 15°
- Enables single-handed drilling
- Can protect the holes from damage from the drill and keeps you within those 15°

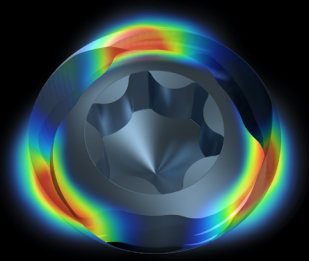


It Takes **More** Than a Plate

Medartis advanced technology is included to enhance your surgical experience and save you time. Two of our most differentiated technologies include our TriLock locking technology and our SpeedTip thread design.

TriLock® locking technology

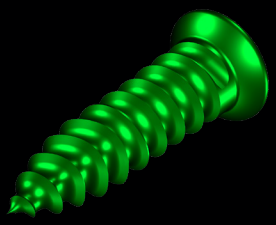
Our patented TriLock locking technology provides multidirectional locking of the screw in the plate. In other words, you'll achieve a spherical three-point wedge-lock once your screw is fully inserted. You'll also note that:



- Screws can pivot freely by ± 15° in all directions for optimal positioning
- Fracture fragments can be fine-tuned intraoperatively
- Screws can be re-locked in the same plate hole at individual angles up to three times
- No cold welding between plate and screws is necessary
- There's minimal screw head protrusion thanks to the internal locking contour

Patented SpeedTip® thread design

The self-drilling SpeedTip screw is designed to provide quick and easy screw insertion without drilling. A few features of the SpeedTip thread design include:



- Direct implantation without pre-drilling
- Functionally unique cutting with immediate bite
- Immediate cutting of the bone with only slight axial pressure
- Reduced insertion torque thanks to the polygonal tip and tapered shaft
- The triangular tip design permits simultaneous drilling, tapping and compression of the bone tissue during insertion for increased pull-out stability
- Quick and effective treatment
- Time saving and effortless insertion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We are **THE** extremities company… and we want to be yours.
Contact a sales rep, or visit **www.medartis.com** today to get more information on our **Distal Radius System 2.5**.

INDICATIONS: (1) APTUS Wrist: Fractures, osteotomies and arthrodesis of the bones of the wrist.
(2) Distal Radius plates: Intra and extra-articular fractures of the distal radius; correction osteotomies of the distal radius
(3) Distal Ulna plates: Intra and extra-articular fractures of the distal ulna.

CONTRAINDICATIONS: (1) Preexisting or suspected infection at or near the implantation site. (2) Known allergies and/or hypersensitivity to implant materials. (3) Inferior or insufficient bone quality to securely anchor the implant. (4) Patients who are incapacitated and/or uncooperative during the treatment phase. (5) Growth plates are not to be blocked with plates and screws.

This information is intended to demonstrate the Medartis portfolio of medical devices. A surgeon must always rely on her or his own professional clinical judgement when deciding whether to use a particular product when treating a particular patient. Medartis is not giving any medical advice. The devices may not be available in all countries due to registration and/or medical practices. For further questions, please contact your Medartis representative (www.medartis.com). This information contains products with CE and/or UKCA marking. All pictures shown are for illustration purposes only and may not be an exact representation of the product. For US only: Federal law restricts this device to sale by or on the order of a physician.

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