



DVR[®] Crosslock
Distal Radius Plating System

Product Brochure

One Surgeon. One Patient.®

Over 1 million times per year, Biomet helps one surgeon provide personalized care to one patient.

The science and art of medical care is to provide the right solution for each individual patient. This requires clinical mastery, a human connection between the surgeon and the patient, and the right tools for each situation.

At Biomet, we strive to view our work through the eyes of one surgeon and one patient. We treat every solution we provide as if it's meant for a family member.

Our approach to innovation creates real solutions that assist each surgeon in the delivery of durable personalized care to each patient, whether that solution requires a minimally invasive surgical technique, advanced biomaterials or a patient-matched implant.

When one surgeon connects with one patient to provide personalized care, the promise of medicine is fulfilled.

DVR® Crosslock Distal Radius Plating System

Introduction

The treatment of distal radius fractures experienced a revolution when the DVR® Volar Plating System was released over 10 years ago. Leading the way to a new approach, the DVR® plate has helped restore motion to patients worldwide – in the everyday activities that are driven by the hand and wrist, from artistic to athletic.

With over 10 years of clinical heritage in treating distal radius fractures using the volar approach, the DVR® plate continues to evolve. The new DVR® Crosslock System offers an advanced anatomic design, enhanced fixation options over the existing DVR® System, and streamlined instrumentation. The improved system has been optimized for fit, efficiency, accuracy and stability. With these improvements, the next-generation DVR® Crosslock will continue to *refine fracture fixation*.

The system is intended for fixation of fractures, malunions and osteotomies involving the distal radius.



DVR® Crosslock enhancements over the DVR® Anatomic:

- Cross-locking oblique screw options provide additional three-dimensional fixation in comminuted or osteoporotic bone.
- Pegs and locking screws are engineered with tapered heads and triple lead threads to create a stiff construct and to enhance insertion or removal characteristics.
- New 2.7 mm screws create greater procedural efficiency by utilizing only one drill bit and one driver for all the implant screws while maintaining construct strength.
- Narrower shaft increases the ease of fitting the plate to the bone while still providing more fixation options than the current DVR® Anatomic.
- Length offering includes: mini (new), standard, medium, long.

DVR® innovation milestones:

- The first implant system with divergent pegs to capture dorsally displaced fractures from a volar approach.
- A low profile implant designed to mimic the volar aspect of the bone and be used as a reduction template.
- Fixed angle K-wires to confirm implant placement prior to final implantation.
- F.A.S.T. Guide® technology to simplify and speed up surgery.
- Cobalt chrome multi-directional screws to provide the surgeon the flexibility to adjust screw trajectories while still creating a strong, stable construct.

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Implant Features

Anatomic Contouring

With a volar tilt design built into the plate, it can aid in anatomic reduction, restoration of volar tilt, and is particularly useful for corrective osteotomies.

F.A.S.T. Guide® Inserts

Technology allows for easy drilling of fixed angle locking screws and visually distinguishes left and right plates.

Watershed Line

Contoured to match the watershed line, the distal end of the plate can provide a visual guide for optimal placement and is low-profile to blend into the bone which may mitigate the risk of tendon irritation.

Three-dimensional Scaffold in the Head

Intersecting proximal and distal pegs form a proprietary three-dimensional scaffold, providing support of the articular surface.

Pegs and Locking Screws

Engineered with tapered heads and triple lead threads to create a stiff construct and to enhance insertion or removal characteristics.



Narrower Shaft

Increases the ease of fitting the plate to the bone while still providing more fixation options than the current DVR® Anatomic.



Cross-Locking Construct

Oblique screw options provide additional three-dimensional fixation in comminuted or osteoporotic bone.

1 Drill Bit and 1 Driver

Minimize the need to interchange instruments during cases.

Fixed Angle K-Wire

Holes reference screw trajectory, and aid in optimal plate positioning.

Multi-Directional Screws

Offer up to 10 degrees of angulation from center, 20 degree cone of angulation, for flexibility of screw placement.

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For DVR® product information, including indications, contraindications, warnings, precautions and potential adverse effects, see the package insert.



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