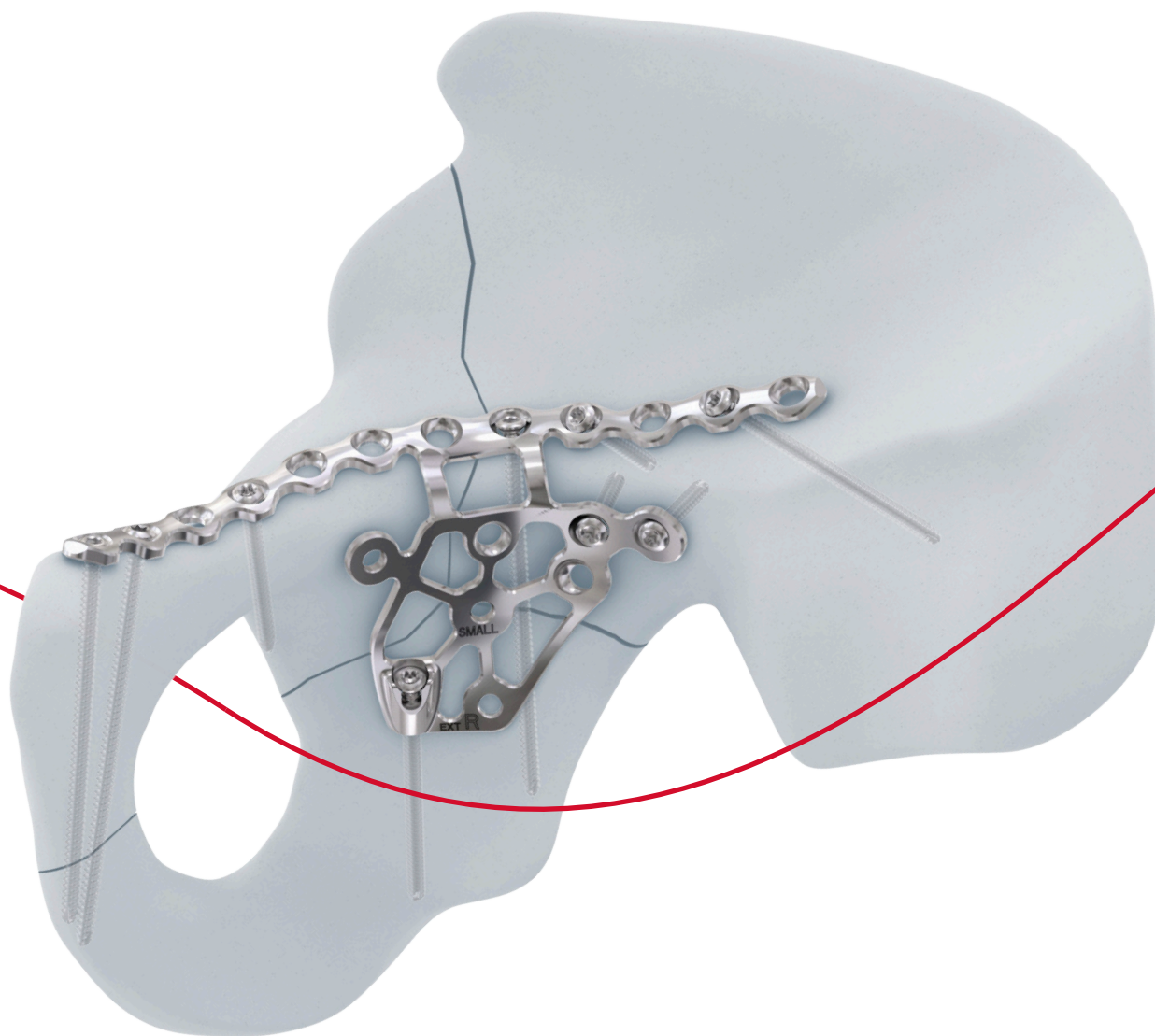


INTRAPELVIC ACETABULAR SYSTEM

Dedicated Fixation for Fractures of the Acetabulum

Product Brochure



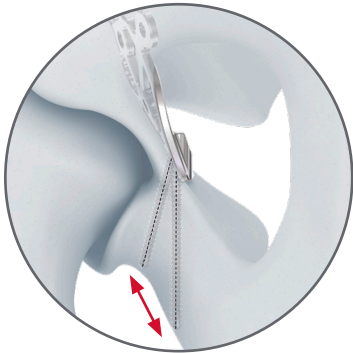
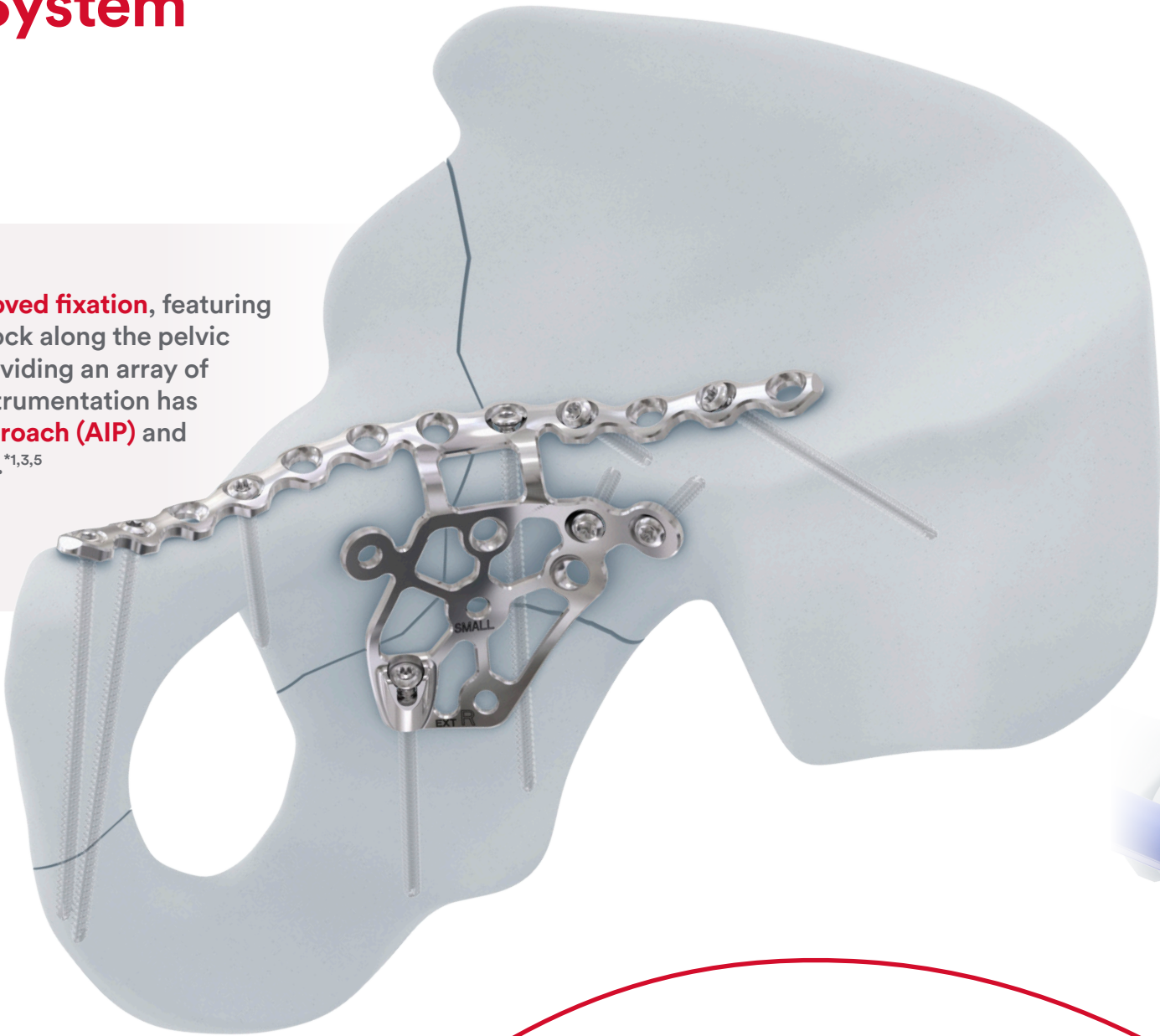
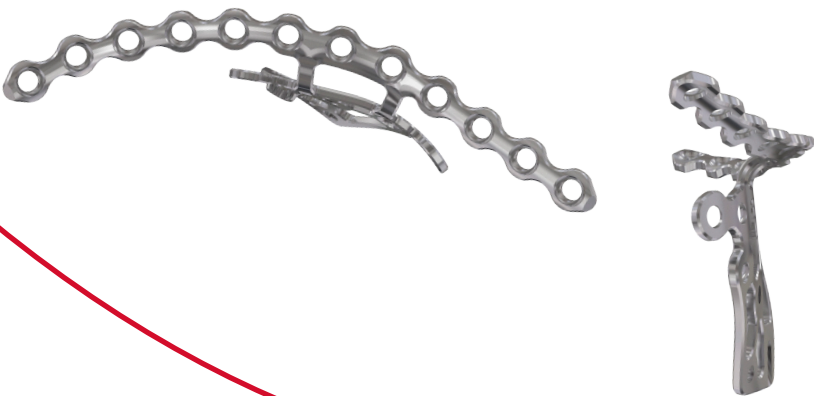
Intrapelvic Acetabular System

Dedicated Fixation for Fractures of the Acetabulum

The Intrapelvic Acetabular System is designed with **improved fixation**, featuring screw options in the plate targeting high-density bone stock along the pelvic brim and posterior column, and **improved implant fit**, providing an array of plate sizes intended to better match patient anatomy. Instrumentation has been developed for use with the **Anterior Intrapelvic Approach (AIP)** and are designed to provide a streamlined surgical procedure.^{*1,3,5} The system also fits seamlessly into the comprehensive DePuy Synthes Low Profile Pelvic System.

Improved Implant Fit to Patient Anatomy^{*1,3,5}

The Intrapelvic Acetabular System is designed to provide improved implant fit to the patient anatomy, providing four different plate options to choose from and a range of instruments to contour the plate.



Improved Fixation Options^{*1}

The Intrapelvic Acetabular Plates are designed with screw options targeting high density bone stock along the pelvic brim and posterior column and provide more and better placed screw options than comparative implants.

Streamlined Surgical Procedure^{*1}

The Intrapelvic Acetabular System provides instrumentation designed for the Anterior Intrapelvic Approach (AIP) while also offering instruments to aid in screw placement to improve the operative work flow.



^{*}comparative device: Stryker Suprapectineal Plate.

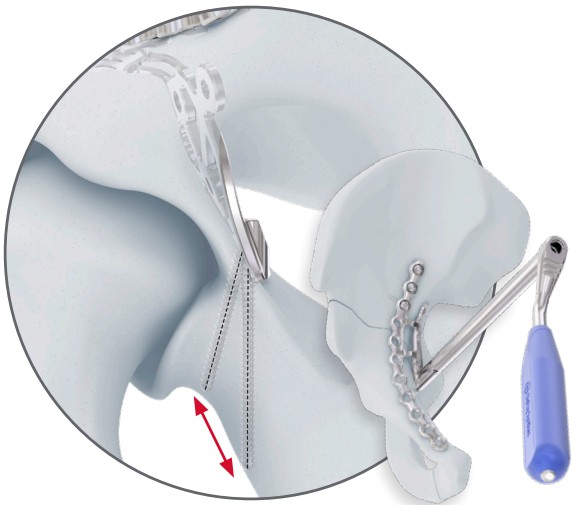
Providing **more screw options** than comparative implants enabling fixation in high density bone stock.*¹

Improved Fixation Options*¹

An increasing percentage of patients presenting with complex acetabular fractures and associated comminution of the quadrilateral surface are older individuals with compromised bone quality. These factors make open reduction and internal fixation with adequate screw purchase challenging.

The Intrapelvic Acetabular plate offers **improved opportunities for screw fixation in areas of high-density bone stock.***¹

Designed with pre-angled screw holes to allow screw placement using the anterior approach.⁴



Reduced Surgical Complexity*¹

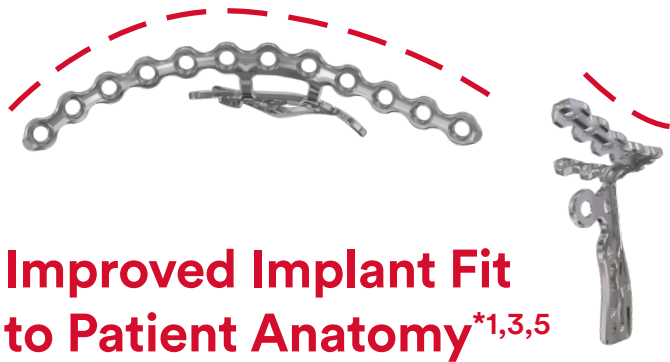
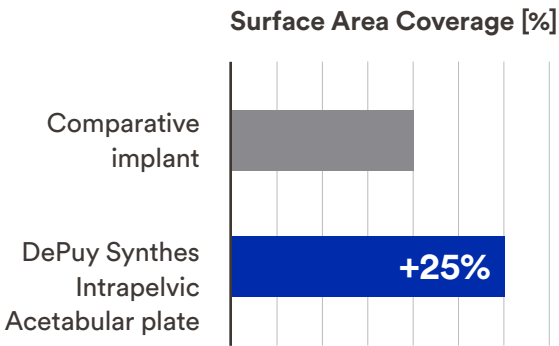
A traditional infra-acetabular screw is challenging to place through a very narrow, bony corridor.

The Intrapelvic Acetabular plate offers the option of placing a screw into the ischium, targeting high density bone stock while minimizing the risk of screws penetrating the hip.

Extended plate length to allow additional posterior screw fixation along the sacroiliac (SI) joint.⁴

Greater Surface Area Coverage of the Acetabulum*²

The Intrapelvic Acetabular plates offer **improved surface area coverage** (as illustrated by the blue highlighted zone on page 4) on the quadrilateral surface compared to other plates in the market.



Improved Implant Fit to Patient Anatomy*^{1,3,5}

The Intrapelvic Acetabular plates are anatomically pre-contoured which result in **minimal bending requirements**. The system offers four plate options per side to choose the best fitting implant for the patient.

Plate Size Options

Small, Extended
12-Hole Plate



Small, Standard
11-Hole Plate



Large, Extended
12-Hole Plate



Large, Standard
11-Hole Plate



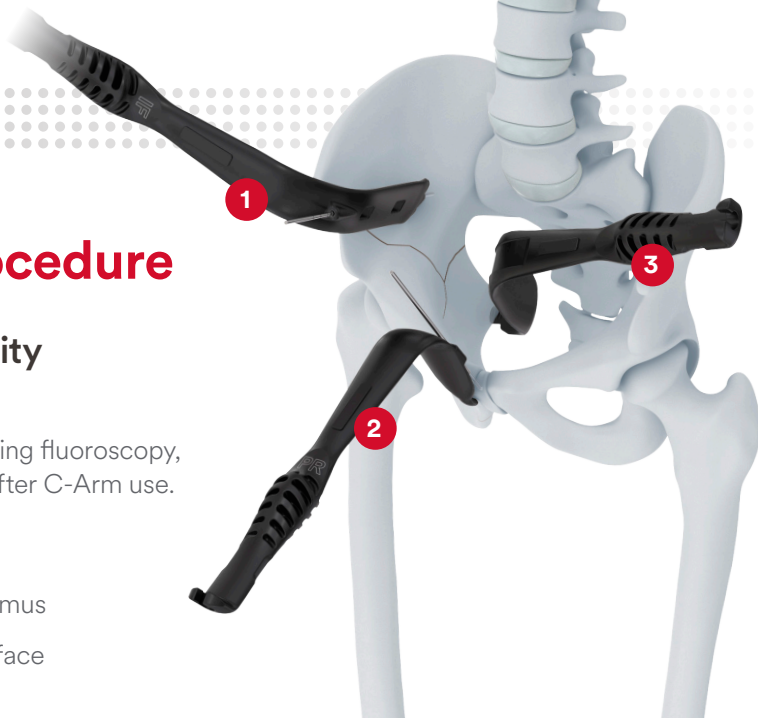
*comparative device: Stryker Suprapectineal Plate.

Streamlined Surgical Procedure

Instrumentation for Improved Visibility at the Surgical Site*1

Carbon Fiber Retractors that can be left in place during fluoroscopy, minimizing steps required to re-establish exposure after C-Arm use.

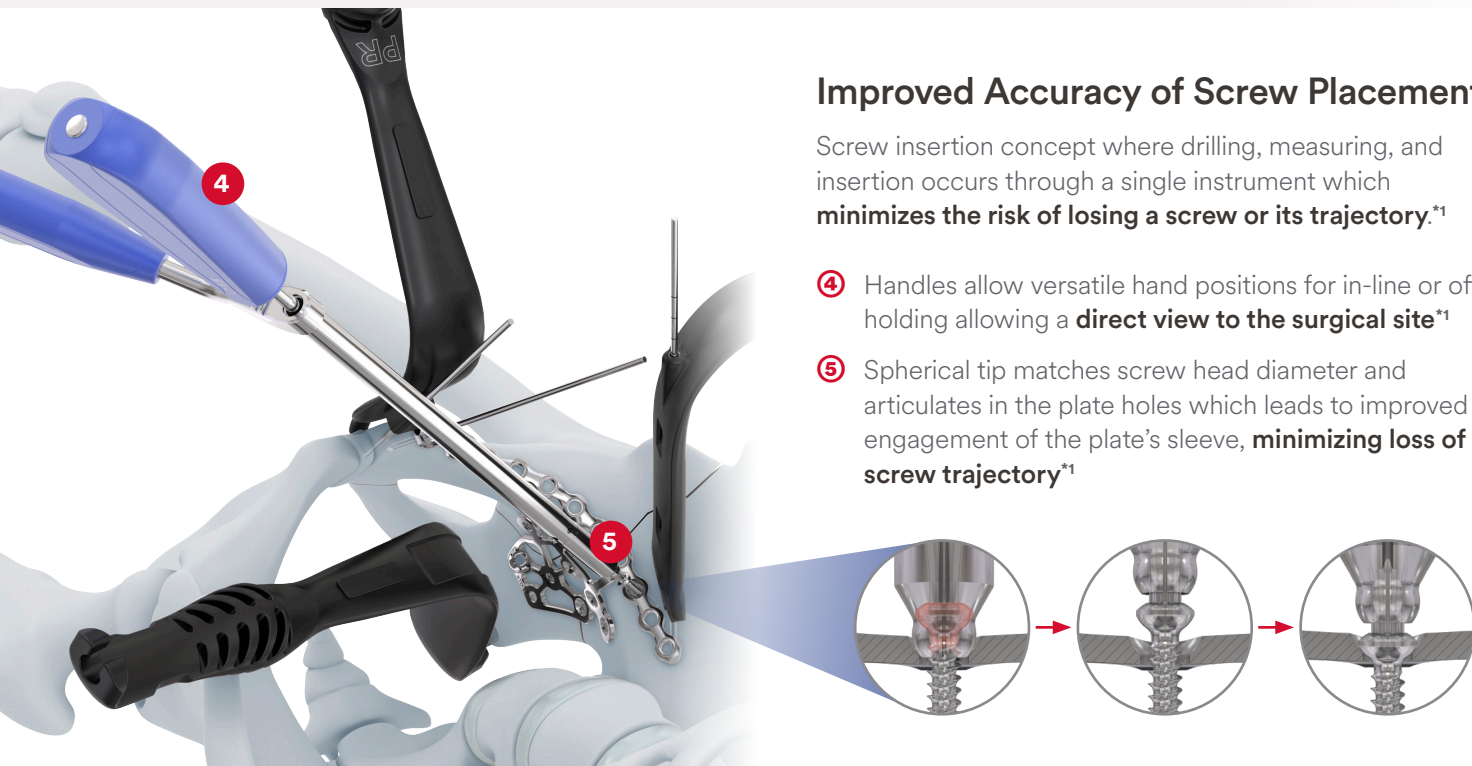
- ① IF – Radiolucent Retractor for iliac fossa
- ② PF – Radiolucent Retractor for superior pubic ramus
- ③ QS – Radiolucent Retractor for quadrilateral surface



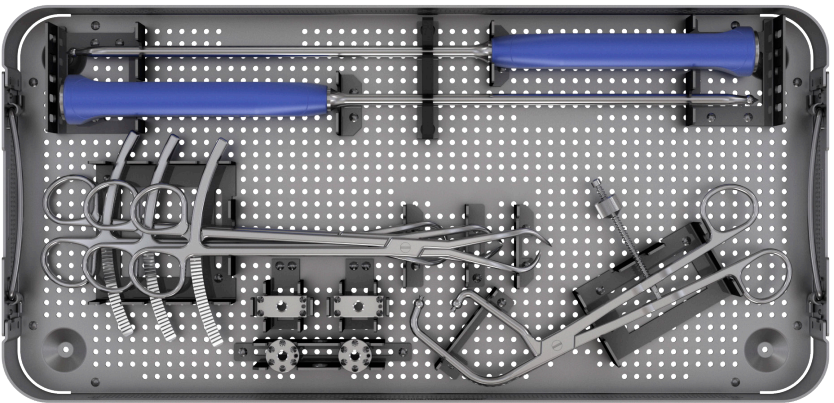
Improved Accuracy of Screw Placement*1

Screw insertion concept where drilling, measuring, and insertion occurs through a single instrument which **minimizes the risk of losing a screw or its trajectory**.*1

- ④ Handles allow versatile hand positions for in-line or offset holding allowing a **direct view to the surgical site***1
- ⑤ Spherical tip matches screw head diameter and articulates in the plate holes which leads to improved engagement of the plate's sleeve, **minimizing loss of screw trajectory***1



Instrumentation that Facilitates Better Intraoperative Handling*1



Reduction Instruments

A variety of different reduction instruments with longer working length are offered compared to standard instruments from the low-profile pelvic set.

Sizing Trials

Sizing Trials assist in identifying the most suitable plate size to match patient anatomy and accommodate the fracture pattern.

Plate Holder

- Facilitates sizing trial/implant insertion
- Provides a stable connection with the plate or sizing trial



Ex-situ and In-situ Bending Instruments

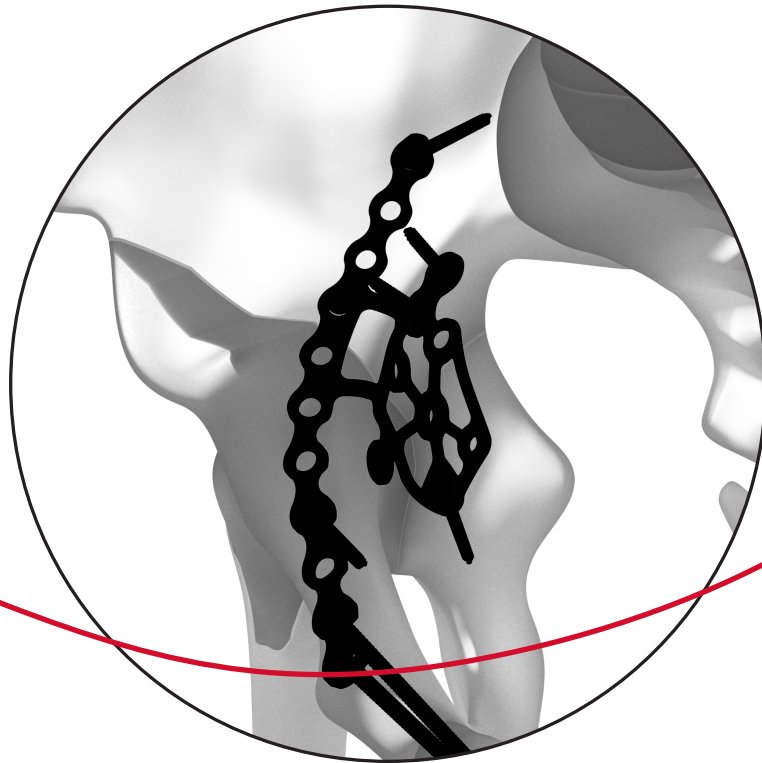
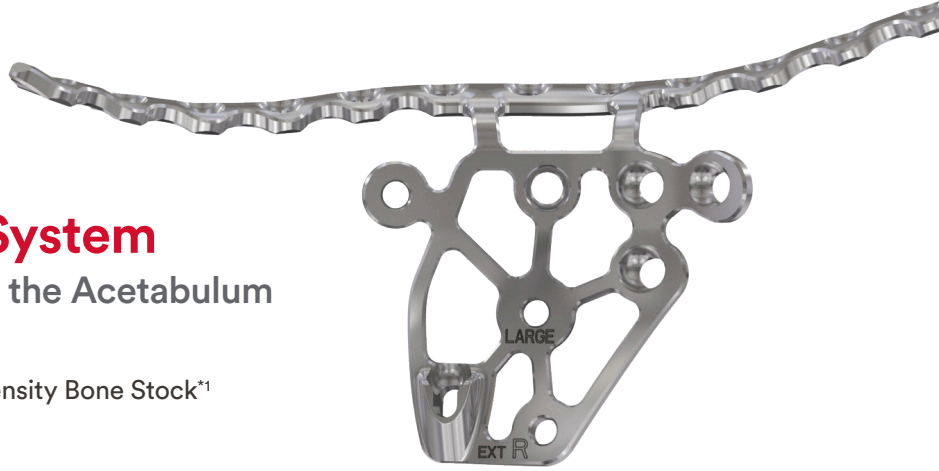
The Intrapelvic Acetabular plates can be fine-tuned to achieve anatomic fit with less bending effort than comparative plates.*1,3,5

*comparative Device: Stryker Suprapectineal Plate.

Intrapelvic Acetabular System

Dedicated Fixation for Fractures of the Acetabulum

- Improved Fit to Patient Anatomy^{*1,3,5}
- Improved Fixation Options in Areas of High Density Bone Stock^{*1}
- Streamlined Surgical Procedure^{*1}



*comparative device: Stryker suprapectineal plate.



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Note: For recognized manufacturer, refer to the product label.
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AO Foundation is a third-party, medically guided, not-for-profit organization led by an international group of surgeons specialized in the treatment of trauma and disorders of the musculoskeletal system.

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References:

1. DePuy Synthes User Feedback Summary - Intrapelvic Acetabular Claims. 02/11/2022. Windchill Document #0000319189.
2. DePuy Synthes Eng. Rational - A14.040.040 QS surface Coverage. 21/09/2022. Windchill Document #0000318459.
3. DePuy Synthes Eng. Rational - A10.020.040 QS-SP Bending Effort. 19/09/2022. Windchill Document #0000318458.
4. DePuy Synthes Intrapelvic Acetabular Plate Drawing. 03/08/2022. Agile Document SE_831230
5. Stryker Surgical Technique Guide_PRO-ST-1 rev 3