

MEDACTA DIRECT ANTERIOR SOLUTIONS

2 OPTIMIZED IMPLANTS

Medacta's **comprehensive** and **proven hip implant portfolio**, built on decades of successful clinical heritage, offers a **wide range of solutions optimized for the anterior approach**, combining **minimal invasiveness** with a **personalized medicine vision** to meet the diverse needs of today's patients.

▲pact[®] SYSTEM



P-FAMILY

▲yHip[®]



▲yHip[®] PLANNER

▲yHip[®] VERIFIER

3 HI-TECH ENABLING TOOLS

Medacta's Direct Anterior Solutions is fully supported by the **MySolution Personalized Ecosystem**, a suite of tailor-made, intuitive, reliable digital tools **to elevate the continuum of patient care**. From preoperative engagement and education to **3D planning** with **advanced analytics**, **intraoperative non-invasive guidance** and **verification**, and postoperative communication, data collection and analysis.

4 TAILORED MEDICAL EDUCATION

Medacta's Direct Anterior Solutions is supported by the **M.O.R.E. Institute**, Medacta's **unique** and **global education platform**. Through surgeon-to-surgeon educational opportunities and the most effective training programs, the M.O.R.E. Institute offers **continuous support** and a valuable environment to **exchange experience and insights**, facilitating a **smooth and confident transition** to adopting Medacta's Direct Anterior Solutions.



REFERENCES

[1] Rivera F, Comba LC, Bardelli A. Direct anterior approach hip arthroplasty: How to reduce complications - A 10-years single center experience and literature review. World J Orthop. 2022 Apr 18;13(4):388-399. doi: 10.5312/wjo.v13.i4.388. PMID: 35582154; PMCID: PMC9048494. [2] Driesman, A., Yang, C.C. Clinical outcomes of DAA and related techniques in hip arthroplasty. Arthroplasty 5, 42 (2023). <https://doi.org/10.1186/s42836-023-00198-z>. [3] Leunig, Hutmacher, Ricciardi, Impellizzeri, Rüdiger, Naal Skin crease 'bikini' incision for the direct anterior approach in total hip arthroplasty: a two- to four-year comparative study in 964 patients. Bone Joint J. 2018 Jul. [4] Jorge Manrique, MD a, b, *, Taylor Paskey, BS a, Majd Tarabichi, MD a, Camilo Restrepo, MD a, Carol Foltz, PhD a, William J. Hozack, MD Total Hip Arthroplasty Through the Direct Anterior Approach Using a Bikini Incision Can Be Safely Performed in Obese Patients.

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For all indications, contraindications, warnings, precautions, and potential adverse effects of the product presented, see the instructions for use or contact your local representative. For additional product information, visit www.medacta.com.

swiss
made

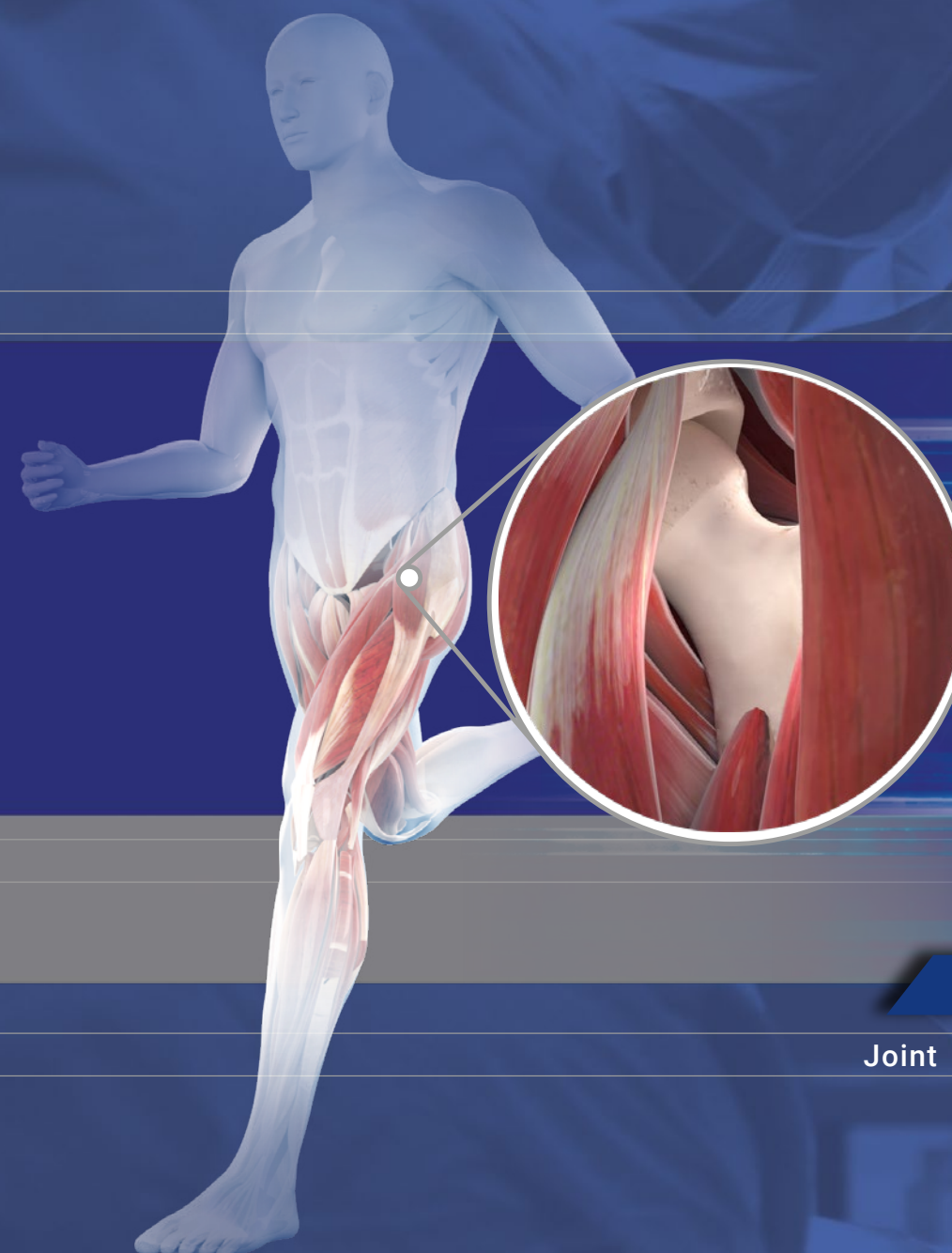


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MEDACTA DIRECT ANTERIOR SOLUTIONS

MEDACTA MIS PLATFORM IN HIP REPLACEMENT



Brochure

Joint

Spine

Sports Med

MEDACTA DIRECT ANTERIOR SOLUTIONS

As part of its **MIS Platform in Hip Replacement**, Medacta offers **Direct Anterior Solutions** for **off-table procedures** using the **direct anterior approach**, complementing the well-established and successful AMIS (Anterior Minimally Invasive Surgery) Experience – both optimized for compatibility with the **Bikini incision**.

Medacta's Direct Anterior Solutions is a **comprehensive package** that integrates multiple elements to empower surgeons with **best-in-class tools** and **structured expertise** for procedures using the minimally invasive direct anterior approach, **supporting the entire continuum of care**.

1
ADVANCED
INSTRUMENTS

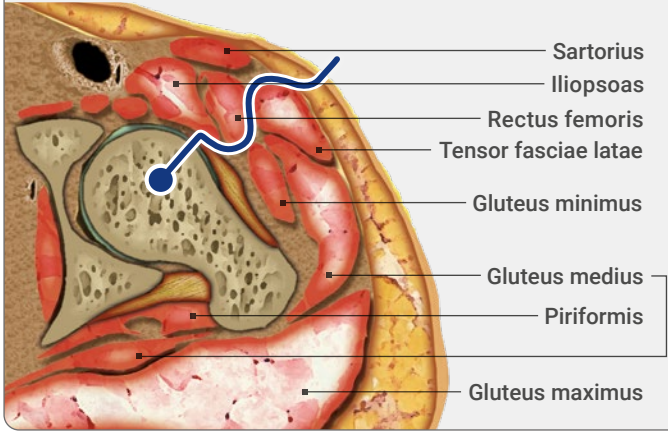
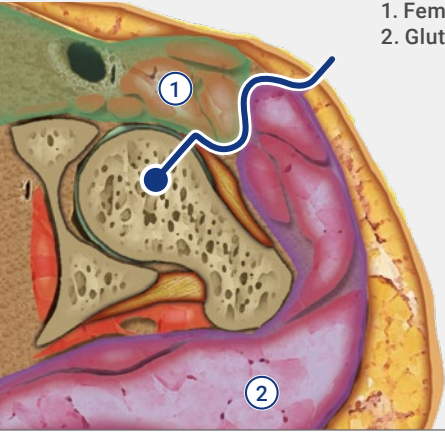
2
OPTIMIZED
IMPLANTS

3
HI-TECH
ENABLING
TOOLS

4
TAILORED
MEDICAL
EDUCATION

DIRECT ANTERIOR APPROACH

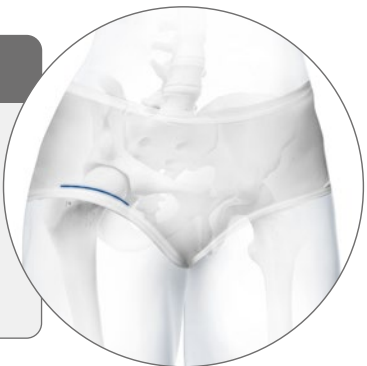
The direct anterior approach is a **minimally invasive, intermuscular and internervous** path **between the Tensor fascia lata and the Rectus Femoris muscles**, enabling the **preservation of muscles, tendons, vessels, and nerves**. This type of approach has been shown to **decrease postoperative pain, reduce the risk of dislocation, and allow for a quick recovery and an early return to daily activities**.^[1, 2]

1. Femoral nerve
2. Gluteal nerves

BIKINI INCISION

This approach can be performed using either a longitudinal or a horizontal (**bikini**) **incision**, with the latter offering additional patient benefits, such as better cosmetic appearance and higher rates of wound healing.^[3, 4]

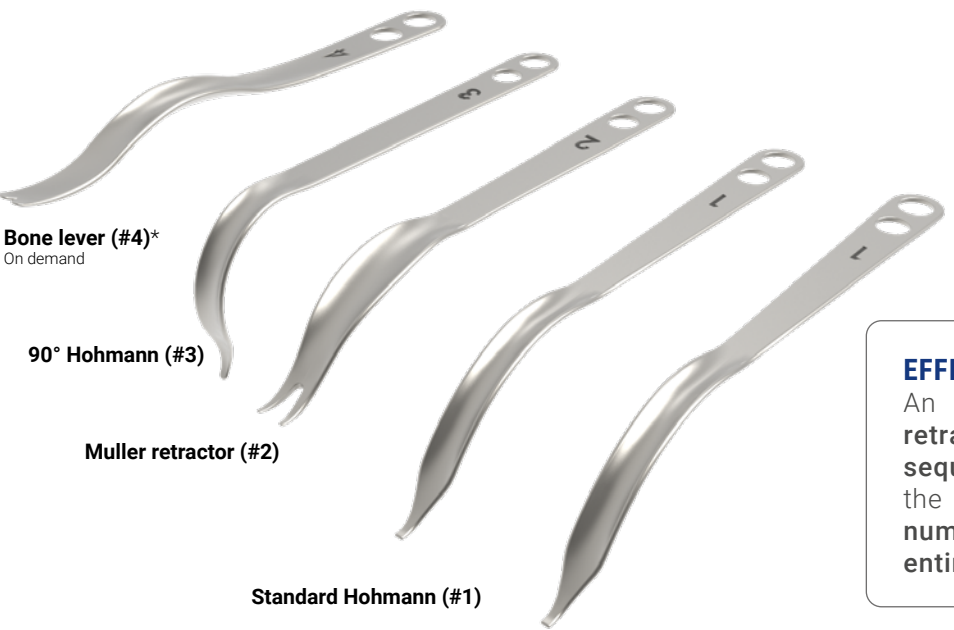
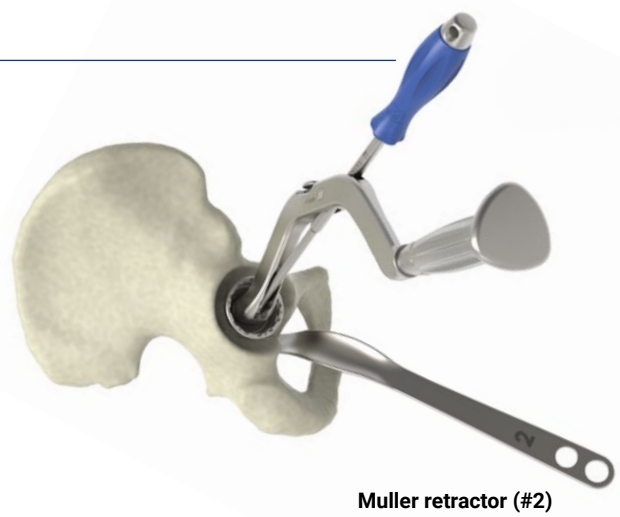



MEDACTA MIS PLATFORM IN HIP REPLACEMENT

1 ADVANCED INSTRUMENTS

EFFECTIVE EXECUTION

A complete instrument set featuring **optimized design** and **ergonomics** enabling a **reliable** and **reproducible technique**. The system **minimizes impingement** with the **surrounding structures**, ensuring **clear visualization** and **access** to both the acetabulum and femur – supporting optimal performance across a wide range of patient anatomies.



EFFICIENT SURGICAL FLOW

An **optimized set of only four retractors*** designed for **logical, sequential use** to **streamline the surgical workflow**. Clearly **numbered** for ease of use – **for the entire procedure**.



TISSUE-FRIENDLY DESIGN

Consistently **smooth** and **gently shaped retractors** combined with **offset instruments** (broach handle, reamer handle, cup impactor) specifically designed to **help avoid soft tissue damage**.

