There are a number of solutions, surgical and non-surgical, to treat your disease. Depending on your condition, your doctor may suggest that you undergo a total hip replacement (substitution of damaged bone with a hip prosthesis).

AMIS may be your solution

The AMIS (Anterior Minimally Invasive Surgery) approach causes less surgical trauma than other techniques for total hip replacement. In fact, anterior approach is the only technique where NO MUSCLES ARE CUT AND NERVES ARE RESPECTED.

Innovation in hip arthroplasty

A M I S

NO MUSCLES CUT

“It was very satisfying to walk unaided just one week after the operation with no pain or discomfort.”

D. A., age 67

“It went so well that you get the feeling that all really was possible in one day after such a hip replacement operation. I was on top of the world.”

M. J., age 67

If you have any concerns about your new hip, don’t hesitate to contact your doctor and, finally...

...enjoy your new hip!

For further information visit the website:

mynewamiship.com
What is osteoarthritis?
The hip joint is formed by the articulation of the rounded head of the femur and the cuplike acetabulum of the pelvis. The main cause of hip joint diseases is the wear of the articular cartilage: osteoarthritis. This wear is perceived as pain.

Hipp pain limits your daily activities, affects your mood, your health and, definitely, your general well-being. In the case of advanced osteoarthritis your doctor may suggest that you undergo a total hip replacement.

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What is Total Hip Replacement?
Total hip replacement surgery substitutes the damaged bone and cartilage of the joint with polyethylene (a plastic material) or ceramic and metallic components.

A hip prosthesis is an artificial articulation composed of a femoral stem with a head (sphere) and a socket cup.

1. The femoral stem is made of metal (usually a Titanium or Cobalt Chrome alloy or stainless steel), which guarantees a maximum biocompatibility.
2. The head is made of ceramic or metal.
3. The cup is made of 1 or 2 pieces, depending on the procedure: cemented (usually only one component of polyethylene) or cementless (metallic acetabular shell and liner).

Why an AMIS Total Hip Replacement?
The AMIS technique causes less surgical trauma than other techniques because NO MUSCLES ARE CUT, only reduced skin incision.

AMIS: THE TRUE MINIMALLY INVASIVE SURGERY

AMIS DOES NOT CUT MUSCLES AND DOES RESPECT NERVES

AMIS can potentially provide you with the following benefits:

- Decreased post-operative pain: the AMIS approach can reduce the post-operative pain as muscles are not cut.[1,2]
- Shorter rehabilitation: rehabilitation can usually start the day of the operation or the day after, subject to your doctor’s approval, based on your post-operative condition.[2,3]
- Shorter hospital stay: the AMIS technique usually significantly reduces the duration of hospital stay.[2,4]
- Small skin scar: with AMIS, the skin incision is often shorter than with “conventional” surgery.[5]
- Faster return to daily activities: the AMIS technique allows you to return to daily activities in a shorter time frame.[2,6,7]
- Less blood loss: preservation of muscles and vessels potentially reduces blood loss.[2,3]
- Reduced risk of dislocation: (separation of the hip ball and socket): the risk of dislocation is reduced because the anterior approach is performed from the front of your body and dislocation is mainly related to posterior hip structure damage.[3,4]
- Prevention of limping: minimizing muscle and nerve damage reduces the chance of limping.[3,5,6,8]

AMIS: THE TRUE MINIMALLY INVASIVE SURGERY
AMIS, Anterior Minimally Invasive Surgery, is characterized by the preservation of muscles and nerves encountered during the surgery to the hip joint capsule and offering a reduced skin incision.

Current approaches and AMIS

The surgeon can access the hip joint by different paths called “surgical approaches”.

- Cemented approaches: the acetabular shell and the femoral stem are only reduced skin incision techniques associated with “conventional” surgery.
- Non-cemented approaches: the acetabular shell and the femoral stem are only reduced skin incision techniques associated with “conventional” surgery.
- Cementless approaches: the acetabular shell and the femoral stem are only reduced skin incision techniques associated with “conventional” surgery.
- Hybrid approaches: the acetabular shell and the femoral stem are only reduced skin incision techniques associated with “conventional” surgery.
- True minimally invasive approaches: AMIS, Anterior Minimally Invasive Surgery, is characterized by the preservation of muscles and nerves encountered during the surgery to the hip joint capsule and offering a reduced skin incision.

Why is AMIS different from other techniques?
AMIS is different from other techniques because AMIS: THE TRUE MINIMALLY INVASIVE SURGERY

AMIS: THE TRUE MINIMALLY INVASIVE SURGERY

There are several reasons why AMIS differs from “conventional” surgery:

- NO MUSCLES ARE CUT: ONLY REDUCED SKIN INCISION
- FASTER RECOVERY: SMALL SKIN SCAR: FASTER REHABILITATION AND RECOVERY WITH MINIMALLY INVASIVE TOTAL HIP ARTHROPLASTY

- No muscles are cut: only reduced skin incision
- Faster rehabilitation and recovery with minimally invasive total hip arthroplasty

- Why an AMIS Total Hip Replacement?
The AMIS technique causes less surgical trauma than other techniques because NO MUSCLES ARE CUT, only reduced skin incision.

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