

## How does the anchoring work?

An implant stem for the femur and a cup for the pelvis are a clinically successful concept applied since many years. Though this concept was slightly improved over the years based on research on implants, it is still the state-of-the-art concept. Our implants are manufactured with very modern and highly complex methods in order to achieve a fast and permanent bony anchorage.

A very thin layer made of biologically active ceramics is absorbed by human bone and vanishes already during the healing process. Underneath this layer of ceramics there is a very rough layer of pure titanium. This metal offers favourable conditions for a long-term anchorage in the bone.

## How secure is my implant?

For the first phase of your re-mobilisation and for a long durability of your implant, the sliding components have been developed according to the latest technology. The Pyramid Hip Implant design is one of few systems worldwide which offers the possibility of using large heads with small sized cups.

For patients who gain their former mobility back fast, this means higher security against possible complications.

The modern sliding materials (highly cross-linked polyethylene and ceramics) form a fundamental basis for a long durability of the components due to their minimal wear and tear.

