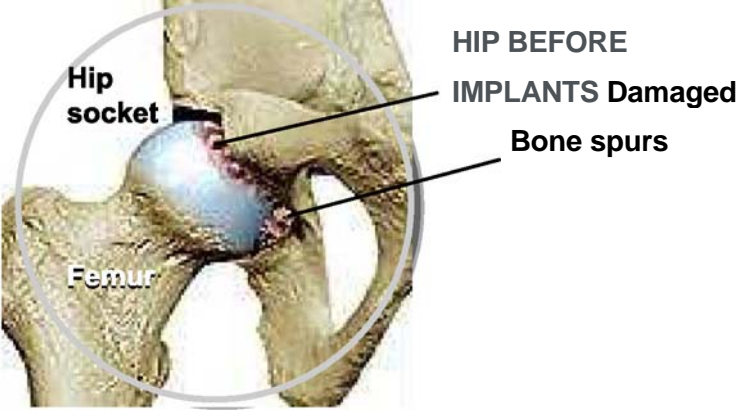


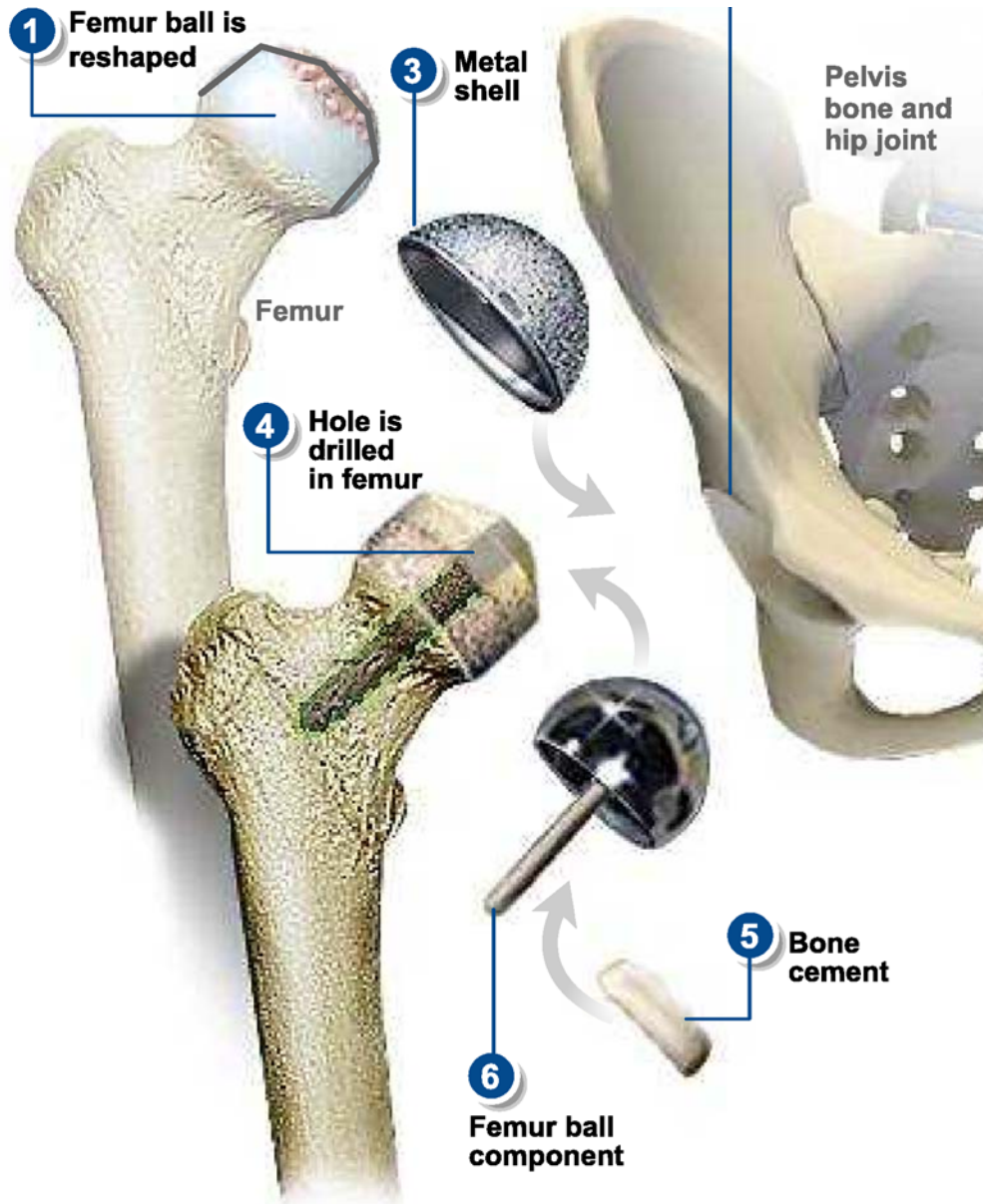
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Damage
d bone
removed



Total Hip Resurfacing

This surgery replaces the diseased and damaged bone in the hip joint with Specially-designed and manufactured "ball and socket" all-metal implants.

STEP 1

After the thigh bone is separated from the hip socket, the damaged area is removed. The hip ball is reshaped to fit the femur and just 10 millimeters of bone is removed from the tip.

STEP 2

Damaged cartilage and bone are removed from the hip socket (acetabulum).

STEP 3

A specially-machined, metal shell implant is firmly pressed into the socket of the pelvis in the anatomic position.

STEP 4

Now the surgeon focuses on the thigh bone implant. The end of the thigh is drilled to accept the stem of the implant and dried.

STEP 5

Bone cement is placed inside the metal ball component and around the dried bone of the thigh.

STEP 6

The metal ball implant is securely inserted on top of the thigh bone.



HIP AFTER IMPLANTS

The hip socket, with its new metal shell and the femur, with its new metal part are put together to form a new resurfaced hip joint.