

## HIP REPLACEMENT ANIMATION

What are the two bones in the hip:

- 1.
- 2.

Why would someone need a hip replacement?

Describe the steps involved in a hip replacement surgery.

What is always done after surgery?

## HIP REPLACEMENT

Describe the incision made in this operation.

Which direction do the muscle fibers run with respect to the tensor fascia?

What is fascia?

What is the clear fluid released when the T incision is made?

What is the function of a “release”?

What is an osteotomy?

What part of what bone is cut?

What is done with the labrum?

What is the function of the reamer?

Why is it important that the surgeon have bleeding bone?

Describe the prosthetic in the acetabulum.

What is the red material inside of the femur?

How does the surgeon clean out the femur?

Describe the procedure for attaching and aligning the prosthetic femoral head.

## KNEE REPLACEMENT ANIMATION

What are the three bones in the knee?

- 1.
- 2.
- 3.

Why is knee replacement sometimes necessary?

Describe the steps involved in knee replacement.

## KNEE REPLACEMENT

Describe how the distal femur is prepared for the prosthetic.

Describe how the proximal tibia is prepared for the prosthetic.

Why do you not see bone marrow when the femur and tibia are cut like you did when the femur was cut?

Describe the prosthetic used to replace the:

Distal femur –

Proximal tibia –

Patellar surface –

What is the function of the bone cement?

What tissue does the polyethylene spacer replace?