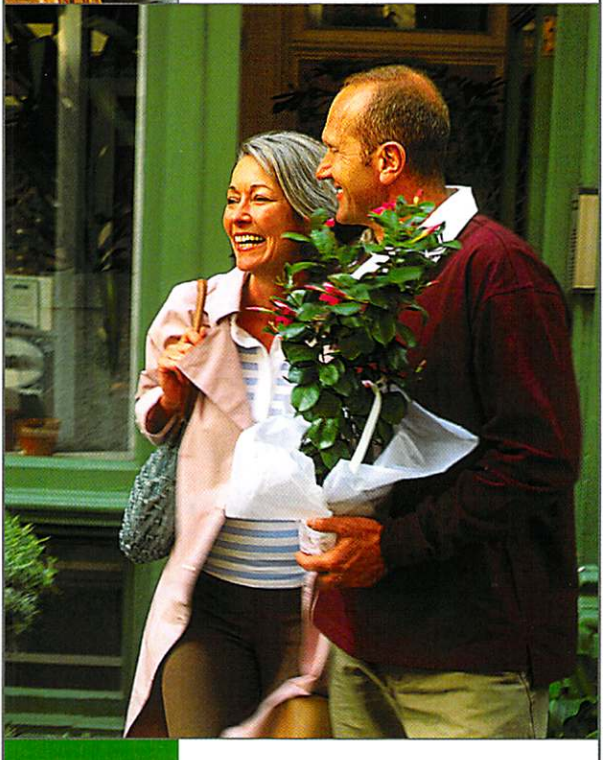
OXINIUM® Joint Replacement



Patient Information

OXINIUM Joint Replacement

A common issue with joint replacements is what surgeons refer to as "wear." Any time two moving parts rub against each other repeatedly, friction occurs. This causes scratches which make tiny fragments of material come off over time. This effect—not unlike the action of a fingernail file—is a main reason why joints "fail," and an individual will undergo repeat surgery.

The OXINIUM material has proven to be a superior metal for use in the production of knee and hip implants due to its hardness, smoothness and resistance to scratching and abrasion. The superior strength results in less wear than cobalt chrome (historically the material of choice in knees and hips) and more toughness than ceramic (an alternative material for hips).

Some facts that may interest you:

- The OXINIUM material is 4,900 times more abrasion resistant than cobalt chrome, and reduces wear by 85% in knees and up to 98% in hips.
- The OXINIUM material contains no detectable nickel, the leading cause of negative reactions in patients with metal allergies.

For more information about OXINIUM joint replacements, talk with your surgeon or visit: www.oxinium.com.