Total Knee Replacement Surgery

By the Numbers

By 2030, total knee replacement surgeries are projected to grow 673% to 3.5 million procedures per year

Nearly 1/2 of American adults develop knee osteoarthritis in at least one knee of their lifetime

More than 90% of people who have knee replacement surgery experience a dramatic reduction of knee pain

In 2008, 63% of all knee replacement operations were performed on women

80% of osteoarthritis patients have some degree of movement limitation

Job-related knee osteoarthritis costs $3.4 to $13.2 billion per year

On average, knee replacement surgery direct costs = $20,704 but societal savings = $39,697

Knee replacement surgery Societal Savings:
85% from increased earnings
15% from fewer missed work days and lower disability payments

Lifetime societal net benefit for knee replacement patients averaged between $10,000-$30,000

$12 billion in total societal savings over patients’ lifetimes from 600,000 knee replacements performed in 2009

Sources:
2. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. Spotlight Knee Replacement; http://www.cdc.gov/arthritis/resources/spotlights/kneereplacements.htm
5. Centers for Disease Control and Prevention, Division of Adult and Community Health, National Center for Chronic Disease Prevention and Health Promotion. Osteoarthritis; http://www.cdc.gov/arthritis/resources/spotlights/kneereplacements.htm