Strategic Consulting and Research
- Strategic outcomes research and communication package for an opioid analgesic in back pain
- Critical review and strategic overview of 30 arthritis clinical trial protocols and findings relevant to economic and HRQL product positioning messages
- Reimbursable environment assessment and strategic marketing recommendations for a new injectable rheumatoid arthritis agent
- Systematic literature reviews of the burden of RA and OA
- Functional status instrument review for RA and OA
- Strategic planning for pain therapy in RA and OA
- Physician guideline education program and return on investment (ROI) model in arthritis care
- Literature review of the burden of illness of a rare pediatric genetic disorder with orthopedic complications
- Literature review of HRQL and functional status instruments used in a pediatric disorder with orthopedic complications
- Review of the use and outcomes of a new biotechnology product used in orthopedic surgery
- Review of utilization and costs of knee arthroscopy
- Literature review related to use of innovative device in orthopedic surgery

Selected Retrospective Studies
- Analysis of management in back pain using medical chart data
- Analysis of management and costs in back pain using managed care claims data
- Medicare claims data analysis of skeletal related events in patients with prostate cancer
- Analysis of osteoporosis in Medicaid population
- Analysis of NHANES III to determine the risk of osteoporosis by patient subgroups

Selected Modeling Studies
- Markov model of the clinical and economic impact of various agents in the prevention and treatment of osteoporosis in the US and UK
- Cost-effectiveness model of hormone replacement therapy (HRT) for short-term prevention of osteoporosis
- Economic model of arthritis treatment from the Department of Veterans’ Affairs health system perspective
- Economic models in hip/knee replacement surgery
- Model of back pain management care and costs in a health maintenance organization (HMO)
- Economic model in rheumatoid arthritis

Indications
- Autologous cartilage replacement therapy
- Back pain
- Hip replacement surgery
- Knee replacement surgery
- Osteoarthritis (OA)
- Osteoporosis
- Rheumatoid arthritis (RA)
- Skeletal complications of cancer

Selected Prospective Studies
- National Osteoporosis Risk Assessment™ (NORA™) longitudinal patient registry
- Global patient registry of patients eligible for autologous cartilage replacement therapy
- Longitudinal tracking of patients with an implantable orthopedic device
- Patient and physician focus groups of a rare pediatric disorder with orthopedic complications
Selected Publications and Presentations

- Duff S, Yeh Y, Yu E, Woolley J. The economic impact of etanercept and infliximab treatment in ankylosing spondylitis. Accepted to Annual European Congress of Rheumatology EULAR 2005.


