The Baltimore Adult Hip and Knee Reconstruction Fellowship

at The Rubin Institute for Advanced Orthopedics/
Sinai Hospital of Baltimore
The Baltimore Adult Hip and Knee Reconstruction Fellowship Program provides advanced experience to acquire the competency of an adult reconstruction specialist. The program includes the in-depth study and operative and non-operative treatment of hip, knee, and shoulder joint diseases. Considerable experience is provided with both arthroplasty and non-arthroplasty techniques with the service performing more than 1,600 surgical procedures per year.

Each fellow will be exposed to a wide range of techniques, including minimally invasive approaches, such as direct anterior approach and limited shoulder and trauma procedures. In addition to primary arthroplasty, extensive experience with complex and revision arthroplasty cases, including the management of bone loss, periprosthetic fractures, and the treatment of infections and osteonecrosis, will be provided. Fellows will also develop an understanding of the technical aspects, indications, risks, results, prognosis, and limitations of the treatment involved so as to competently perform the surgical procedures required for both primary and revision adult reconstruction. They will gain direct patient care experience in the operating room and while assisting with inpatient care, clinic visits, and learn nuances of billing and coding. They will have extensive exposure with robotics and outpatient arthroplasty in the settings of an outpatient surgical center, Shock Trauma, and major academic and community-based hospitals.

The academic component of the fellowship emphasizes a scholarly approach to clinical problem solving, analysis of joint disease, self-directed study, activity at all levels in educational conferences, and clinical as well as basic science research projects. There are formal didactics every Thursday morning for 1.5 hours, monthly grand rounds, and monthly lecture series. A stipend is offered to attend the American Academy of Orthopaedic Surgeons (AAOS) and American Association of Hip and Knee Surgeons (AAHKS) annual meetings.

The Rubin Institute for Advanced Orthopedics has an active research program, including a full-time research manager and two support staff, with several concurrent externally and internally funded projects ongoing at any time. Fellows will have full access to all resources of the research department, including a comprehensive research database, as well as mentorship and guidance from the attending faculty who all have considerable experience in academic orthopedics. Fellows considering a career in academic medicine will be encouraged to submit their work for presentation at a regional or national meeting, and/or publication in the orthopaedic peer-reviewed literature.

Fellows will be responsible for carrying out duties as assigned by Ronald E. Delanois, MD and James Nace, DO, MPT, FAOAO, and Aaron J. Johnson, MD and will divide their time equally between the attending faculty.