

70 Outstanding Hip Surgeons and Specialists

Written by Laura Miller | May 24, 2011

The following hip specialists were selected for this list based on the awards they received from major orthopedic organizations, leadership in those organizations, work on professional publications and positions of service held at hospitals and practices. The surgeons are listed in alphabetical order by last name. All surgeons placed on the list have undergone substantial review from our editorial staff and orthopedic physician leaders. Surgeons do not pay and cannot pay to be selected as an outstanding hip specialist. This list is not an endorsement of any individual's or organization's clinical abilities.

Michael M. Alexiades, MD (Hospital for Special Surgery, New York City). Dr. Alexiades has a professional interest in minimally invasive hip and knee surgery. He was one of the early adopters of the Mini Anterior technique in hip replacement surgery and helped develop hip and knee implant instrumentation, including the Biomet Vision Hip System. In addition to his clinical work, Dr. Alexiades is the chief surgeon for the NY State Troopers Association and chairman of the NYPD Article II Medical Board. His research includes studying total hip arthroplasty and chronic hip dislocation. He is a member of the American Academy of Orthopaedic Surgeons and the American Association of Hip and Knee Surgeons. Dr. Alexiades earned his medical degree at Cornell University Medical College and completed his residency at Lenox Hill Hospital, both in New York City. His additional training includes a fellowship in comprehensive arthritis at the Hospital for Special Surgery in New York City.

Wael Barsoum, MD (Cleveland Clinic). Dr. Barsoum is the vice chairman of the department of orthopedic surgery at the Cleveland Clinic. He has a professional interest in minimally invasive hip and knee surgery as well as primary and revision joint replacements. In addition to his clinical work, Dr. Barsoum has participated in several studies regarding hip surgery. He has served as the principal investigator for the Zimmer Trabecular Metal Acetabular Revision Cup using Dual-Energy X-ray Absorptiometry and for the Tissuelink study on the efficacy of radiofrequency cautery during total hip arthroplasty. He was a designer of the Exactech Novation Hip Replacement System and the Stryker Unicompartmental Knee Replacement System, among others. Dr. Barsoum is a member of the American Academy of Orthopaedic Surgeons. He earned his medical degree at The Ohio State University College of Medicine and Public Health in Columbus, and completed his residency in orthopedic surgery at Cleveland Clinic. His additional training includes a fellowship in adult reconstructive surgery at New England Baptist Hospital in Boston.

Robert L. Barrack, MD (Center for Advanced Medicine, St. Louis). Dr. Barrack is the chief of staff of orthopedics and chief of reconstructive surgery at Barnes-Jewish Hospital in St. Louis. He also serves on the executive board of the American Association of Hip and Knee Surgeons. He has a professional interest in adult reconstructive surgery, hip and knee replacement and hip resurfacing. In addition to his clinical work, Dr. Barrack has participated in hip and knee surgery research, which has been published in professional journals such as *The Journal of Bone and Joint Surgery* and earned him several awards from The Hip Society. Dr. Barrack earned his medical degree from Vanderbilt University School of Medicine in Nashville, Tenn., and completed his residency in orthopedic surgery at Tulane University School of Medicine in New Orleans. He also completed a fellowship in hip and implant surgery at Massachusetts General Hospital and Harvard Medical School in Boston.

Richard Berger, MD (Midwest Orthopaedics at Rush, Chicago). Dr. Berger has a professional interest in minimally invasive techniques for hip and knee surgery. He has participated in the development of specialized instruments and techniques for hip and knee surgery as well as hip and knee implant design. In addition to his medical career, Dr. Berger has a background in mechanical engineering, which has helped him design gender-specific implants for joint replacement. He has published several research articles in professional journals on topics related to total hip arthroplasty. Dr. Berger earned his medical degree at Tufts University School of Medicine and completed his residency in orthopedic surgery at the University of Pittsburgh. His additional training includes a fellowship at Rush University Medical Center in Chicago, where he now serves as an assistant professor.

Daniel J. Berry, MD (Mayo Clinic, Rochester, Minn.). Dr. Berry is the chair of orthopedic surgery at the Mayo Clinic in Rochester, Minn., and current president of the American Academy of Orthopaedic Surgeons. He has a professional interest in primary and revision hip and knee replacements. During his career, Dr. Berry has served as president of the American Association of Hip and Knee Surgeons and the Mid-American Orthopedic Association. In addition to his clinical practice, Dr. Berry conducts research in biomechanics and motion analysis of hip and knee joints. He has published research in several professional journals, including the *Journal of Bone and Joint Surgery* and the *Journal of Arthroplasty*. Dr. Berry earned his medical degree at Harvard Medical School in Boston, where he also completed his residency in orthopedic surgery. His additional training includes a fellowship in adult reconstruction at Mayo.

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Robert Buly, MD (Hospital for Special Surgery, New York City). Dr. Buly serves in both the Surgical Arthritis Service and the Center for Hip Pain and Preservation at the Hospital for Special Surgery. He has a professional interest in correcting anatomical problems, such as dysplasia and impingement. During his career, Dr. Buly has been at the forefront of performing arthroscopic surgery for hip impingement and works with bioengineers to design custom implants for unique conditions. He has authored several studies related to hip surgery and published them in journals such as *The Journal of Bone and Joint Surgery*. In addition to his other responsibilities, Dr. Buly is a founding member and secretary of the International Society for Hip Arthroscopy. Dr. Buly earned his medical degree from Weill Cornell Medical College in New York City and completed his residency at HSS. His additional training includes a fellowship in hip reconstruction surgery in Switzerland and a total joint replacement and adult reconstructive surgery fellowship at Case Western Reserve University School of Medicine in Cleveland.

Charles Bush-Joseph, MD (Midwest Orthopaedics at Rush, Chicago). Dr. Bush-Joseph is the associate director of the Rush Orthopaedic Sports Medicine Fellowship Program in Chicago. He has a professional interest in sports medicine, treating hip, knee and shoulder conditions. He was recently elected president of the Major League Baseball Team Physician Association for 2012, and he serves as a head team physician for the Chicago White Sox. He regularly performs hip arthroscopy and has experience with cutting-edge hip joint preservation. Dr. Bush-Joseph earned his medical degree at the University of Michigan Medical School in Ann Arbor and completed his residency at Rush. His additional training includes a fellowship at Cincinnati Sportsmedicine.

J. Thomas Byrd, MD (Nashville Sports Medicine and Orthopaedic Center, Tenn.). Dr. Byrd has a professional interest in arthroscopic techniques for treating orthopedic injuries. He is the team physician for the Tennessee Titans and has served as an orthopedic surgeon for numerous professional athletic teams. In addition to his clinical practice, Dr. Byrd is active in research on hip surgery and published articles on topics such as hip arthroscopy in athletes and arthroscopic femoroplasty. He has also invented several instruments and developed techniques to improve orthopedic care. Dr. Byrd is a member of the American Academy of Orthopaedic Surgeons and the Arthroscopy Association of North America. He earned his medical degree from Vanderbilt University in Nashville and completed his residency in orthopedic surgery at the University of Louisville (Ky.). His additional training includes a fellowship in sports medicine under James Andrews, MD, in Birmingham, Ala., and another in joint replacement and reconstructive surgery at New England Baptist Hospital in Boston.

John Callaghan, MD (University of Iowa Hospitals & Clinics, Iowa City). Dr. Callaghan is an orthopedic surgeon at the University of Iowa Hospitals & Clinics, and is the immediate past president of the American Academy of Orthopaedic Surgeons. He is a member of several other professional societies, including the International Hip Society and the Society of Arthritis Joint Surgery. Dr. Callaghan has a professional interest in hip and knee replacements, topics he has researched on extensively. During his career, he has been honored with at least five awards from The Hip Society for his research, and he's served as assistant editor for the *Journal of Arthroplasty* and the *Journal of Bone and Joint Surgery*. Dr. Callaghan earned his medical degree from Loyola Medical School in Chicago and completed his residency at the University of Iowa. He also completed a hip fellowship at the Hospital for Special Surgery in New York City.

Michael Christie, MD (Southern Joint Replacement Institute, Nashville, Tenn.). Dr. Christie co-founded Southern Joint Replacement Institute over a decade ago. He is an associate clinical professor of orthopedic surgery at Vanderbilt Medical Center in Nashville, where he previously served as director of the Arthritis and Joint Replacement Center. During his career, Dr. Christie has given several national and international lectures on joint replacement, and he has a professional interest in complex hip and knee procedures. He has participated in the development of multiple orthopedic implants. Dr. Christie is a member of several professional organizations, including the American Academy of Orthopaedic Surgeons and the American Association of Hip and Knee Surgeons. He earned his medical degree at Loyola University Stritch School of Medicine in Chicago and completed his residency at Loyola Medical Center in Maywood, Ill. His additional training includes a fellowship in joint replacement and adult reconstructive surgery.

David J. Covall, MD (Resurgens Orthopaedics, Cumming, Ga.). Dr. Covall is an orthopedic surgeon at Resurgens Orthopaedics with a professional interest in the surgical management of arthritis and complex hip and knee reconstruction. He previously served as a co-medical director of Resurgens Joint Replacement Center, and he holds patents in hip and knee joint implant designs. During his career, Dr. Covall has also served as a consultant to the NFL Player's Association and is a fellow with the American Association of Hip and Knee Surgeons. He earned his medical degree at Boston University School of Medicine and completed his residency at Boston Medical Center. His additional training includes a fellowship at the Lahey Clinic Medical Center in Burlington, Mass.

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Hal Crane, MD (Orthopedic Associates, Denver). Dr. Crane is the founding director of the Rose Institute for Joint Replacement, and he sits on the national orthopedic panel for Hospital Corporation of America. He has a professional interest in performing total joint replacements and revision surgery. In addition to his clinical practice, Dr. Crane is also a member of the American Association of Hip and Knee Surgeons, American Academy of Orthopaedic Surgeons and the Arthritis Foundation. He is currently a consultant with the Colorado Avalanche and has also served as consulting team physician for the Denver Nuggets and the Denver Broncos. Dr. Crane earned his medical degree at the University of Tennessee in Knoxville and completed a research fellowship in total joint replacement at the Harrington Arthritis Research Center in Phoenix.

John Cuckler, MD (Alabama Spine & Joint Center, Birmingham). Dr. Cuckler has a professional interest in complex joint reconstruction, including revision hip and knee surgery and minimally invasive procedures. He also holds 12 patents in hip and knee implant design and lectures worldwide on joint replacement procedures and technology. Recently, Dr. Cuckler participated in a continuing medical education panel sponsored by the American Orthopedics Association for Surgeons discussing total hip arthroplasty and the complications surrounding metal-on-metal bearings. He also participated in an American Academy of Orthopaedic Surgeons discussion on hip replacement and resurfacing issues. Dr. Cuckler earned his medical degree at New York University and completed his residency and fellowship at the University of Pennsylvania School of Medicine and the Hospital of Pennsylvania, both in Philadelphia.

Charles M. Davis, III, MD (Penn State Hershey Bone and Joint Institute, Hershey, Pa.). Dr. Davis is the chief of the hip and knee joint arthroplasty division of Penn State Hershey Bone and Joint Institute. His research interests include total hip arthroplasty and acetabular fracture, anticoagulation and thromboembolic disease with hip and knee replacement and outcomes of total joint replacement surgery. In addition to his clinical work, he serves as the research committee chairman for the American Association of Hip and Knee Surgeons and belongs to several other professional organizations. Dr. Davis earned his medical degree at Vanderbilt University School of Medicine in Nashville, Tenn. He completed his residency and a fellowship in adult reconstruction at the Mayo Clinic in Rochester, Minn.

Craig J. Della Valle, MD (Midwest Orthopaedics at Rush, Chicago). Dr. Della Valle has a professional interest in hip and knee replacement, total joint arthroplasty and hip resurfacing. He is the adult reconstructive fellowship director at Rush University Medical Center in Chicago. In addition to his clinical practice, Dr. Della Valle conducts research into the long-term outcomes of total joint replacement and the diagnosis and treatment of perioperative infection. He was recently recognized with an award from The Hip Society for his research determining that a large femoral head can significantly reduce dislocation rates in revision total hip replacement patients. He is a member of the American Academy of Orthopaedic Surgeons and a member of the executive board for the American Association of Hip and Knee Surgeons. Dr. Della Valle earned his medical degree at the University of Pennsylvania School of Medicine in Philadelphia and completed his residency in orthopedic surgery at the New York University Hospital for Joint Diseases in New York City. His additional training includes a fellowship in joint replacement surgery at Rush.

Lawrence D. Dorr, MD (Dorr Arthritis Institute, Los Angeles). Dr. Dorr is the founder and medical director of the Dorr Arthritis Institute at Good Samaritan Hospital in Los Angeles. He was also recently the first surgeon to perform a partial hip replacement using the MAKOplasty robotic guidance technology. During his career, Dr. Dorr has been dedicated to providing orthopedic surgery to underserved populations through the campaign he founded called "Operation Walk." In addition to his clinical work, Dr. Dorr has helped design knee and hip replacement implants, and he is the co-owner of TJO Orthopedics, an implant development company. He has a professional interest in researching and performing posterior minimally invasive total hip replacement with the use of computer navigation and robotic guidance. Dr. Dorr earned his medical degree from the University of Iowa in Iowa City, where he funds a chair of hip surgery in the department of orthopedics.

Charles A. Engh, MD (Anderson Orthopaedic Clinic, Alexandria, Va.). Dr. Engh is a surgeon with the Anderson Orthopaedic Institute and medical director of the Anderson Orthopaedic Research Institute in Alexandria, Va. He has a professional interest in primary and revision hip arthroplasty. He is a member of several professional organizations, including the International Hip Society and the Association for Arthritic Hip and Knee Surgery. In addition to his clinical work, Dr. Engh has published several articles on topics such as remodeling around hip implants and cementless total hip arthroplasty. He has participated in the development of the porous-coated cementless implant for hips and knees. Dr. Engh earned his medical degree at the University of Virginia in Charlottesville and completed his residency in orthopedic surgery at Johns Hopkins Hospital in Baltimore. His additional training includes a fellowship in orthopedic pathology at the Armed Forces Institute of Pathology in Washington, D.C.

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C. Anderson Engh, Jr., MD (Anderson Orthopaedic Clinic, Arlington, Va.). Dr. Engh is an orthopedic surgeon focused on the treatment of hip and knee arthritis. His grandfather founded Anderson Orthopaedic Clinic, where he currently practices. He has a professional interest in minimally invasive surgery and computer-assisted techniques, and was among the first physicians trained in total hip resurfacing. In addition to his clinical practice, Dr. Engh has conducted research and published several articles on topics such as pelvis osteolysis and the impact of total hip arthroplasty cup design on polyethylene wear. He is a fellow with the American Academy of Orthopaedic Surgeons as well as a member of The Hip Society and the American Association of Hip and Knee Surgeons. Dr. Engh earned his medical degree at the University of Virginia in Charlottesville, and completed his residency in orthopedic surgery at Medical College of Virginia in Richmond.

Thomas K. Fehring, MD (OrthoCarolina, Charlotte, N.C.). Dr. Fehring is the co-director of the hip and knee center and director of the adult reconstructive fellowship at OrthoCarolina. He currently serves as vice president of the American Association of Hip and Knee Surgeons. Dr. Fehring has a professional interest in total hip and knee replacement and revision replacement as well as surgery for hip and knee arthritis. Dr. Fehring has served as a founding member of the International Congress of Joint Reconstruction and the AAHKS. During his career, he has received awards for his research into hip arthroplasty and resurfacing. Dr. Fehring earned his medical degree from the University of Texas Medical Branch in Galveston and completed his residency at Vanderbilt University Medical Center in Nashville, Tenn. His additional training includes a fellowship in adult reconstructive surgery at New England Baptist Hospital in Boston.

Mark Froimson, MD (Cleveland Clinic, Cleveland). Dr. Froimson is an orthopedic surgeon at Cleveland Clinic and former president of the Cleveland Orthopaedic Society. He has a professional interest in hip and knee surgery with an emphasis on primary and revision joint replacement and arthroscopy. In addition to his clinical practice, Dr. Froimson has engaged in research on implant fixation, minimally invasive surgery and alternative bearing surfaces. He holds a patent for the product and surgical technique development of the Corail Total Hip System, and has been awarded a traveling fellowship by the Mid-American Orthopaedic Society to study indications and effectiveness of hip arthroscopy. Dr. Froimson earned his medical degree from Tulane University School of Medicine in New Orleans and completed his residency in orthopedic surgery at New York Presbyterian Hospital in New York City and a fellowship in adult reconstructive surgery at Cleveland Clinic.

Kenneth Greene, MD (Cleveland Clinic, Ohio). Dr. Greene is an orthopedic surgeon at Cleveland Clinic with a professional interest in hip and knee surgery. He previously served as head of adult reconstructive surgery at Summa Health System and medical director of the Walter A. Hoyt, Jr., MD Musculoskeletal Research Lab in Akron, Ohio. During his career, he has been involved in the design of the Restoration Modular Hip System and the Rejuvenate Hip System. Dr. Greene is a member of the American Academy of Orthopaedic Surgeons and the American Association of Hip and Knee Surgeons. He earned his medical degree from Ohio State University College of Medicine and Public Health in Columbus and completed his residency in orthopedic surgery at Summa Health System in Akron. His additional training includes a fellowship in adult reconstructive surgery at Cleveland Clinic.

Wayne M. Goldstein, MD (Illinois Bone & Joint Institute, Morton Grove, Ill.). Dr. Goldstein is the president and founder of Illinois Bone & Joint Institute. He has a special interest in hip, as well as knee, reconstruction and revision surgery and serves as chief of the division of orthopedic surgery at North Shore University HealthSystem's Skokie (Ill.) Hospital. During his career, Dr. Goldstein has been an innovator in minimum incision total hip MITH surgical procedures. He received his medical degree from the University of Illinois Abraham Lincoln School of Medicine in Chicago, and completed his residency in orthopedic surgery from the University of Illinois Hospital in Chicago. He completed a fellowship in arthritic reconstructive surgery from Brigham and Women's Hospital in Boston.

Alejandro Gonzalez Della Valle, MD (Hospital for Special Surgery, New York City). Dr. Della Valle is an orthopedic surgeon with a professional interest in hip and knee osteoarthritis, congenital hip dysplasia, fractures and other hip conditions. He has more than 100 published papers to his credit, many focusing on treatment of hip disorders and diseases. Dr. Della Valle's research has earned him recognition from The Hip Society and the American Association of Bone and Joint Surgeons. He is also affiliated with the American Academy of Orthopaedic Surgeons and the Argentine Orthopedic Association. He is involved in The Center for Hip Pain and Preservation Outcomes Registry and his current research involves clinical and economic outcomes of total joint replacement. Dr. Della Valle earned his medical degree at the University of Buenos Aires in Argentina and completed his residency at the Hospital Italiano de Buenos Aires. His additional training includes fellowships in hip and knee surgery at HSS.

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William L. Griffin, MD (OrthoCarolina, Charlotte, N.C.). Dr. Griffin is the director of the OrthoCarolina Hip & Knee Center and the chairman of the OrthoCarolina Research Institute. He has an interest in hip and knee surgery, and he has conducted professional research on several related topics. Dr. Griffin's research has been published in professional journals, including findings on the deformation of one piece acetabular components, metal-on-metal total hip arthroplasty and cup deformation. Dr. Griffin is a member of the American Academy of Orthopaedic Surgeons, American Association of Hip and Knee Surgeons and the Association for Arthritis Hip and Knee Surgery. He earned his medical degree from the University of Louisville (Ky.) School of Medicine, and completed his residency at Carolinas Medical Center in Charlotte, N.C. Dr. Griffin also completed a fellowship in reconstructive total joint arthroplasty at the Anderson Orthopaedic Research Institute in Alexandria, Va., and the National Hospital of Orthopaedics and Rehabilitation in Columbia, Md.

Carlos Guanche, MD (Southern California Orthopedic Institute, Van Nuys). Dr. Guanche has a professional interest in performing less invasive orthopedic procedures. He currently holds two device patents and he has trained several orthopedic residents on arthroscopic procedures. Dr. Guanche is the instructional course director at the Orthopaedic Learning Center and has spoken around the world at various orthopedic meetings. He recently authored a textbook on hip arthroscopy and hip injuries. Throughout his career, Dr. Guanche has been affiliated with the Minnesota Vikings, Minnesota Timberwolves and Minnesota Wild hockey team. He is a member of several professional societies, including the American Orthopaedic Society for Sports Medicine and the American Academy of Orthopaedic Surgeons. Dr. Guanche earned his medical degree at the University of Miami and completed his residency in orthopedic surgery at Albert Einstein Medical Center in Philadelphia. His additional training includes a fellowship in sports medicine at Minneapolis Sports Medicine Center.

Kenneth Gustke, MD (Florida Orthopaedic Institute, Tampa). Dr. Gustke is a founding member and past president of Florida Orthopaedic Institute. He is the co-designer of eight total hip replacement implants and a total knee replacement system. Dr. Gustke is one of the primary developers of a muscle sparing minimally invasive hip and knee surgical technique. His clinical interests include computer assisted surgical technique and instrumentation during joint surgery. In addition to his clinical work, Dr. Gustke has published several articles in professional journals based on his research into hip and knee surgery. He is also a founding member of the American Association of Hip and Knee Surgeons. Dr. Gustke earned his medical degree at Wayne State University and completed his orthopedic residency at Henry Ford Hospital, both in Detroit. His additional training includes a fellowship in adult reconstruction and joint replacement at the Mayo Clinic in Rochester, Minn.

Tony Hedley, MD (Arizona Institute of Bone & Joint Disorders, Phoenix). Dr. Hedley is the president of the Arizona Institute of Bone & Joint Disorders, as well as chairman of the department of orthopedics at St. Luke's Medical Center in Phoenix. In addition to his clinical practice, he is a principle investigator in several research projects focused on joint replacement. The Hip Society has recognized Dr. Hedley multiple times for his research into hip surgery, and he has been featured in documentaries dedicated to hip revision surgery and knee replacements. Dr. Hedley earned his medical degree from the University of Witwatersrand in Johannesburg, South Africa, and completed his fellowship in orthopedic surgery at St. Thomas Hospital in London. He received additional training in orthopedic surgery and bio-engineering at the University of California in Los Angeles.

Edward J. Hellman, MD (OrthoIndy, Indianapolis). Dr. Hellman is an orthopedic surgeon with OrthoIndy in Indianapolis where he focuses on arthroscopic surgery of the hip. He also has expertise in knee and total joint replacement. Dr. Hellman has authored many articles on hip arthroplasty throughout his career. He received his medical degree from the University of Michigan College of Medicine in Ann Arbor, and completed his residency at the Henry Ford Hospital in Detroit. He completed a fellowship in adult reconstructive orthopedic surgery at Indiana University Medical Center in Indianapolis.

Matthew L. Jimenez, MD (Illinois Bone & Joint Institute, Morton Grove, Ill.). Dr. Jimenez is president of the Illinois Association of Orthopaedic Surgeons and a chairman of the Illinois Bone & Joint Institute. He has a professional interest in performing hip surgery, total joint replacement, pelvic and acetabular reconstruction and treating workers compensation patients. In addition to his clinical practice, Dr. Jimenez is the founder and CEO of the Foundation for Education and Musculoskeletal Research and serves as a clinical associate professor at the University of Illinois at Chicago. Dr. Jimenez has extensive research experience and was recently a principal investigator in a trial studying somatic stem cells for recalcitrant non-unions. He earned his medical degree at the University of Iowa College of Medicine in Iowa City and completed his residency in orthopedic surgery at Northwestern University in Chicago. His additional training includes a fellowship in orthopedic trauma and reconstruction at Sunnybrook Medical Center and the University of Toronto in Ontario, Canada.

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Frank R. Kolisek, MD (OrthoIndy, Indianapolis). Dr. Kolisek is the president of the board at OrthoIndy and has a professional focus on hip and knee surgery and total joint replacement. In his practice, he employs minimally invasive and computer assisted surgical techniques. During his career, Dr. Kolisek has given several national and international presentations on hip and knee arthroplasty. He also serves as principle investigator for several clinical studies and has been involved in the design of hip and knee implants and instrumentation. Dr. Kolisek is a member of several professional societies, including the American Academy of Orthopaedic Surgeons and the American Association of Hip and Knee Surgeons. Dr. Kolisek earned his medical degree from the University of Illinois College of Medicine at Peoria, and completed his residency in orthopedic surgery at the University of Florida Health Science Center. His additional training includes a fellowship in arthritic reconstructive surgery of the hip and knee at Emory University and Peachtree Orthopaedic Clinic in Atlanta.

Bryan Kelly, MD (Hospital for Special Surgery, New York City). Dr. Kelly has a professional interest in surgical management of non-arthritic disorders of the hip. In addition to his position as the co-director of the Center for Hip Pain and Preservation at Hospital for Special Surgery, he holds a faculty appointment at Weill Cornell Medical College in New York City. Throughout his career, he has studied a broad range of topics, including the biomechanics in femoroacetabular impingement, development of synthetic scaffolds for labral reconstruction and cartilage injections in the hip. He is a member of the American Orthopaedic Society for Sports Medicine, International Society for Hip Arthroscopy and the NFL Physicians Society. Dr. Kelly earned his medical degree at Duke University School of Medicine in Durham, N.C., and completed a residency in orthopedic surgery and a sports medicine fellowship at HSS. His additional training includes a hip sports injury fellowship at the University of Pittsburgh Medical Center and the AO Trauma Fellowship in Salzburg, Austria.

James C. Kudrna, MD (Illinois Bone & Joint Institute, Glenview, Ill.). Dr. Kudrna is an orthopedic surgeon at Illinois Bone & Joint Institute, and previously served as the chief of the division of orthopedic surgery at Evanston (Ill.) Northwestern Healthcare. He also serves as an assistant professor in the department of orthopedic surgery at Northwestern University Medical School in Chicago. He is a member of the American Association of Hip and Knee Surgeons, the International Society for Technology and Arthroplasty and is also an honorary member of the Korean Hip Society and the Latin American Hip Society. He has done research on several hip surgery topics, including the prevention of falls and hip fractures in elderly patients, failure of hip arthroplasty and thrombosis prophylaxis in total hip arthroplasty. Dr. Kudrna earned his medical degree at Northwestern University, where he also completed his residency in orthopedic surgery.

Louis Kwong, MD (Miracle Mile Outpatient Surgery Center, Los Angeles). Dr. Kwong is the vice chairman and chief of the orthopedic arthritis service at Harbor—UCLA Medical Center in Torrance, Calif. He is also director of research and education at Cedars-Sinai Institute for Joint Replacement in Los Angeles and co-director of the Thrombosis Research Institute at LA Biomed. In addition to his clinical work, Dr. Kwong has conducted several research projects and his findings have been published in professional journals, such as the *Journal for Bone and Joint Surgery*. His research has also been recognized as outstanding by The Hip Society. Dr. Kwong earned his medical degree at UCLA and completed a fellowship in joint replacement at Massachusetts General Hospital in Boston.

Carlos J. Lavernia, MD (Orthopaedic Institute at Mercy Hospital, Miami, Fla.). Dr. Lavernia is the medical director of the Orthopaedic Institute and chief of orthopedics at Mercy Hospital in Miami. He also serves as the first vice president of the American Association of Hip and Knee Surgeons and on the board of directors of the Florida Orthopaedic Society. Throughout his career, Dr. Lavernia has published several professional articles on topics such as the relationship of gender to primary hip arthroplasty outcomes, quality of life after total hip arthroplasty and imaging after hip and knee replacement surgery. He has also lectured across the world on knee and hip surgery and participated in Operation Walk, an organization that brings joint replacement surgery to underdeveloped countries, in places such as Peru, Guatemala and El Salvador. Dr. Lavernia earned his medical degree at the University of Puerto Rico and completed his residency at the University of California in Oakland. His additional training includes a fellowship in lower extremity reconstruction at the Johns Hopkins School of Medicine in Baltimore.

Kevin Lester, MD (Center for Excellence, Fresno, Calif.). Dr. Lester developed a minimally invasive surgical technique for total hip and knee replacement more than 20 years ago called "Lester Mini-Incision." Long-term follow up research on his procedure has been reported in the *Journal of Arthroplasty*, and he has developed an additional technique called Solutions that helps some patients postpone or avoid surgery all together. Dr. Lester earned his medical degree at the University of California-Irvine.

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David G. Lewallen, MD (Mayo Clinic, Rochester, Minn.). Dr. Lewallen is the chair of the American Joint Replacement Registry and an orthopedic surgeon at Mayo Clinic. He previously served as president of the American Association of Hip and Knee Surgeons. He has a professional interest in primary hip and knee arthroplasty, revision arthroplasty and pelvic trauma. In addition to his clinical work, Dr. Lewallen has researched walking aids after total hip arthroplasty, failed metal-on-metal hip arthroplasties and inoperative fractures of the acetabulum during primary THA. Dr. Lewallen earned his medical degree at the University of Minnesota and completed his residency at Mayo Graduate School of Medicine. His additional training includes an international trauma fellowship in Duisburg, West Germany, and a research fellowship at Beth Israel Hospital and Harvard Medical School in Boston.

Jay R. Lieberman, MD (University of Connecticut Health Center, Farmington). Dr. Lieberman is the director of the New England Musculoskeletal Institute and chairman of the orthopedic surgery department at the University of Connecticut Health Center. He has a professional interest in primary and revision hip and knee arthroplasty and treating osteonecrosis of the hip and knee. In addition to his clinical practice, Dr. Lieberman is a member of the American Association of Hip and Knee Surgeons. He has published research in professional journals, including the *Journal of Arthroplasty*. Dr. Lieberman's current research interests include stem cell and gene therapy research and osteonecrosis of the hip. Dr. Lieberman earned his medical degree at Albany (N.Y.) Medical College, where he also completed his residency in orthopedic surgery. His additional training includes a fellowship in total joint replacement at HSS.

Adolph Lombardi, Jr., MD (Joint Implant Surgeons, Inc., New Albany, Ohio). Dr. Lombardi is the president of Joint Implant Surgeons. He has a professional interest in performing knee and hip surgery, and is currently the second vice president of The Hip Society. In addition to his practice, Dr. Lombardi has spent time as a clinical investigator for several FDA device exemptions studies, including the ceramic-on-ceramic total hip arthroplasty articulation and a compression-loaded hip femoral component. His research has also been published in professional journals, such as *The Journal of Bone and Joint Surgery*. Dr. Lombardi's interests also include hip and knee implants, and he served as a designer for the Max-Ti Reconstruction Acetabular Cage System. Dr. Lombardi earned his medical degree from Temple University and completed additional training in orthopedic surgery at Albert Einstein Medical Center, both in Philadelphia. He also completed adult reconstruction fellowships at Joint Implant Surgeons in Columbus, Ohio, and the Anderson Orthopaedic Institute in Arlington, Va.

William Long, MD (Dorr Arthritis Institute, Los Angeles). Dr. Long is a trauma and total joint reconstruction surgeon at the Dorr Arthritis Institute at Good Samaritan Hospital. He is currently a member of the American Academy of Orthopaedic Surgeons and the California Orthopaedic Association. In addition to his clinical practice, Dr. Long is completing research on topics such as metal-on-metal hip replacement, hip replacement in young patients and computer-assisted knee replacement. He earned his medical degree from the University of California, San Diego School of Medicine and completed his residency at the former King/Drew Medical Center in Los Angeles. Dr. Long's additional training includes a fellowship in arthritis and joint replacement with the Kerlan-Jobe Orthopaedic Clinic in Los Angeles and the USC Center for Arthritis and Joint Implant Surgery at University Hospital.

Henrik Malchau, MD (Massachusetts General Hospital, Boston). Dr. Malchau is the vice chair for research in the department of orthopedic surgery at Massachusetts General Hospital and the co-director of the Harris Orthopaedic Laboratory in Boston. His clinical interests include total and revision hip replacement surgery, hip arthritis and hip arthroplasty. In addition to his clinical work, Dr. Malchau has researched and written professional articles on topics such as outcomes for total hip arthroplasty and the choice of hospital for revision total hip replacement. Through his advanced research, Dr. Malchau has contributed to improving the long-term durability of hip and knee replacements with the development of the Radiostereometric Analysis to determine the movement and wear of hip implants. Dr. Malchau earned his medical degree at the University of Aarhus and completed his residency at Uddevalla Hospital, both in Denmark. He was one of the founders of the Swedish Hip Registry and served as its director for several years.

William J. Maloney, MD (Stanford University Hospitals & Clinics, Palo Alto, Calif.). Dr. Maloney is the chair of orthopedic surgery at Stanford University School of Medicine. He is on the American Association of Hip and Knee Surgeons President's Honor Roll at the Gold Level. During his career, Dr. Maloney has published several articles in professional journals, including research on in vivo head damage, cross-linked polyethylene and total hip arthroplasty. His research has earned him accolades from The Hip Society. Dr. Maloney earned his medical degree at Columbia University College of Physicians & Surgeons in New York City and completed his residency at Stanford. He also completed a fellowship at Massachusetts General Hospital in Boston.

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Joel Matta, MD (Saint John's Health Center, Santa Monica, Calif.). Dr. Matta is founder and director of the Hip & Pelvis Institute at Saint John's Health Center. He has previously served as founder and director of the Anterior Total Hip Arthroplasty Collaborative and director of The Emile Letournel Institute in Santa Monica. Dr. Matta is a member of several professional organizations, including The Hip Society. During his career, Dr. Matta has also been involved in research related to hip surgery and replacement. His most recently published articles are on topics such as acetabulum fractures in older patients, the simultaneous bilateral supine anterior approach to total hip arthroplasty and the table-skeletal fixation as an adjunct to pelvic ring reduction. Dr. Matta has designed orthopedic instrumentation and implants, such as the Matta Pelvic System for pelvic and acetabular plating. Dr. Matta earned his medical degree from the Oregon Health & Science University in Portland.

Joseph McCarthy, MD (Massachusetts General Hospital, Boston). Dr. McCarthy is the vice chair of the department of orthopedics at Massachusetts General Hospital and the director of the Kaplan Center for Joint Reconstructive Surgery at Newton (Mass.) Wellesley Hospital. He is a member of several professional societies, including The Hip Society, and a past president of the American Association of Hip and Knee Surgeons. During his career he has also served on the board of directors for the American Academy of Orthopaedic Surgeons. In addition to his clinical practice, Dr. McCarthy conducts research on hip-related topics, and serves as a consultant reviewer for the *Journal of Bone and Joint Surgery*. He also gives scientific presentations nationally and internationally on his work. Dr. McCarthy graduated from Georgetown University Medical School in Washington, D.C., and completed his residency in orthopedic surgery at Tufts New England Medical Center. His additional training includes a fellowship from Massachusetts General Hospital.

Brian J. McGrory, MD (OA Centers for Orthopaedics, Portland, Maine). Dr. McGrory is the medical director of the Maine Medical Center Joint Replacement Center and the co-director of the Main Joint Replacement Institute. Currently, he is a lead investigator of a national study evaluating cross-linked polyethylene to see if it extends the longevity of total hip replacements. Dr. McGrory has published several articles in medical journals dealing with osteotomies and hip and knee replacement. He is a member of the American Academy of Orthopaedic Surgeons and the American Association of Hip and Knee Surgeons. Dr. McGrory earned his medical degree at the College of Physicians and Surgeons at Columbia University in New York City, and completed his residency in orthopedic surgery at the Mayo Clinic in Rochester, Minn. He also completed a fellowship in adult reconstructive surgery at Massachusetts General Hospital in Boston and a JAO/AOA traveling fellowship in Japan.

David M. Mochel, MD (OAD Orthopaedics, Warrenville, Ill.). Dr. Mochel is a board-certified hip and knee specialist with OAD Orthopaedics in Warrenville, Ill. He has special interests in adult reconstructive and total joint replacement surgery, arthroscopic surgery, minimally invasive procedures, computer-assisted surgery and fracture care. Dr. Mochel has served as a board member for Central DuPage Hospital in Winfield, Ill., and also served as chair of its orthopedic department. He received his medical degree from the University of Illinois College of Medicine in Rockford, Ill., and completed his postgraduate training at the Grand Rapids (Mich.) Orthopedic Surgery Residency Program. He is a fellow of the American College of Orthopaedic Surgeons, the American College of Surgeons and the International College of Surgeons.

John Moreland, MD (Santa Monica, Calif.). Dr. Moreland is in solo practice in Santa Monica and is an assistant clinical professor in orthopedic surgery at the University of California in Los Angeles. He has experience performing hip and knee replacement and revision surgeries, and he has designed instrumentation to help facilitate hip revision. Dr. Moreland is also a member of several professional organizations, including the American Academy of Orthopaedic Surgeons, The Hip Society and The Knee Society. During his career, he has published several papers based on his research into hip and knee replacement. Dr. Moreland earned his medical degree at Baylor College of Medicine in Houston and completed his residency at UCLA School of Medicine. He also completed fellowships in hip and knee replacement at The London Hospital in England and UCLA.

Michael Mont, MD (Rubin Institute for Advanced Orthopedics, Baltimore). Dr. Mont is the director of joint preservation and reconstruction at the Rubin Institute for Advanced Orthopedics. He has a professional interest in complex total joint revisions. During his career, he has been dedicated to developing innovative bone grafting techniques and procedures as an alternative to total hip replacements in young patients. In addition to his clinical work, he is also involved in many professional societies, including The Hip Society and the National Osteonecrosis Foundation. He serves on the board of directors for several journals, including the *Journal of Bone and Joint Surgery*. Dr. Mont earned his medical degree from the University of Pennsylvania School of Medicine in Philadelphia and completed his residency at Mount Sinai Medical Center in New York City. His additional training includes a fellowship at Johns Hopkins University School of Medicine in Baltimore.

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Mary I. O'Connor, MD (Mayo Clinic, Jacksonville, Fla.). Dr. O'Connor is a surgeon at the Mayo Clinic in Jacksonville, Fla., and the president of the American Association of Hip and Knee Surgeons. She also serves as a member of the Advisory Committee on Research on Women's Health for the National Institute of Health. She has a professional interest in hip and knee replacement, computer-assisted surgery, limb-salvage surgery and pelvic tumors. During her career, Dr. O'Connor has published research on several topics, including osteoporosis screening for patients with hip fractures, hip resurfacing arthroplasty and stem fracture of conserve hemiarthroplasty. Dr. O'Connor earned her medical degree at Medical College of Pennsylvania and completed her residency and fellowship in orthopedics at Mayo.

Dan Oakes, MD (University of Southern California Norris Cancer Hospital, Los Angeles). Dr. Oakes is the director of the USC Joint Replacement Program and an associate professor of orthopedic surgery at USC. He has a professional focus on joint replacement surgery and revision procedures using porous metal technology. In addition to his clinical practice, Dr. Oakes has an interest in researching the long-term outcomes of technologies in hip resurfacing as well as primary and revision total hip and knee arthroplasty. He is a member of the American Academy of Orthopaedic Surgeons and the American Association of Hip and Knee Surgeons. Dr. Oakes is a graduate of Harvard School of Medicine in Boston and he completed an internship in orthopedic surgery at UCLA Medical Center. His additional training includes a fellowship in adult reconstruction at Mayo Clinic in Rochester, Minn.

Douglas E. Padgett, MD (Hospital for Special Surgery, New York City). Dr. Padgett is the chief of the adult reconstruction and joint replacement division and chief of the hip service at the Hospital for Special Surgery. He has a professional interest in treating total hip and knee replacement patients and hip disorders related to dance. In addition to his clinical practice, Dr. Padgett serves on the editorial board of the *Journal of Arthroplasty*. His current research includes the effect of hip stem properties on dislocation and anatomic hip stem design. Dr. Padgett also serves on the executive board of the American Association of Hip and Knee Surgeons. He earned his medical degree at New York Medical College in New York City and completed his residency at HSS. Dr. Padgett's additional training includes a fellowship in adult reconstructive hip and knee surgery at Rush Presbyterian Medical Center in Chicago.

Wayne G. Paprosky, MD (Midwest Orthopaedics at Rush, Chicago). Dr. Paprosky was one of the first surgeons to perform total hip surgery with cementless implants and he developed the Paprosky Classification, which is now used worldwide for performing revision surgery. He has a professional interest in minimally invasive hip and joint reconstruction and replacement surgery. In addition to his clinical practice at Chicago's Midwest Orthopaedics at Rush, Dr. Paprosky is a professor at Rush University Medical Center and conducts research on hip and knee surgery. He was a co-developer of the first gender-specific hip implant for women. He is a member of the American Academy of Orthopaedic Surgeons, American Association of Hip and Knee Surgeons and The International Hip Society. Dr. Paprosky earned his medical degree at McMaster University School of Medicine and completed his residency at Henry Ford Hospital in Detroit. His additional training includes a fellowship in adult joint reconstruction at New England Baptist Hospital and Tuft University in Boston.

Javad Parvizi, MD (Rothman Institute, Philadelphia). Dr. Parvizi is the director of research at Rothman Institute and professor in the department of orthopedic surgery at Jefferson Medical College in Philadelphia. His practice focuses on treatment for the hip, knee and pelvis. He is a member of The Hip Society, American Association of Hip and Knee Surgeons and the American Academy of Orthopaedic Surgeons. During his career, he has given several presentations on various topics, including morality following hip arthroplasty and hip instability. His research has also been published in professional journals such as the *Journal for Bone and Joint Surgery*. He earned his medical degree at the University of Sheffield School of Medicine in the United Kingdom and completed his residency in orthopedic surgery at the Mayo Clinic in Rochester, Minn. His additional training includes a fellowship at the University of Berne, Switzerland.

Shiraz Patel, MD (The Orthopaedic Institute of Western Kentucky, Paducah). Dr. Patel is trained in minimally invasive total hip and knee replacement procedures. He is also certified to perform the anterior supine hip replacement, hip resurfacing and complex total hip and knee revisions. In addition to his clinical practice, Dr. Patel is a member of the American Academy of Orthopaedic Surgeons and the American Medical Association. Dr. Patel earned his medical degree at the University of Minnesota School of Medicine in Minneapolis and completed his residency at Washington University School of Medicine in St. Louis. His additional training includes a fellowship in adult joint reconstruction and trauma.

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Marc J. Philippon, MD (The Steadman Clinic, Vail, Colo.). Dr. Philippon is managing partner of The Steadman Clinic and a leader within the Steadman Philippon Research Institute. He has an expertise in performing joint preservation techniques using arthroscopic hip surgery. Throughout his career, Dr. Philippon has performed surgery on several professional athletes and serves as a consultant to the NHL Players Association. He has published several articles in professional journals and presents at national and international sports medicine meetings. He previously served as director of sports related hip disorders at the University of Pittsburgh Medical Center. He earned his medical degree from McMaster University Medical School in Ontario, Canada, and completed his residency at the University of Miami and Jackson Memorial Hospital.

Chitranjan Ranawat, MD (Hospital for Special Surgery, New York City). Dr. Ranawat is the director of the Ranawat Orthopaedic Center at Lenox Hill Hospital and the Hospital for Special Surgery. He is also a clinical professor of orthopedic surgery at Weill Medical College in New York City. Throughout his career, Dr. Ranawat has served as president of several distinguished societies, including the American Association of Hip and Knee Surgeons and the orthopedic section of the New York Academy of Medicine. He is also a member of The Hip Society and the American Academy of Orthopaedic Surgeons. His clinical focus is on primary and revision total hip and knee replacement. In addition to his practice, Dr. Ranawat has conducted research that resulted in more than 92 publications on hip surgery as well as patents for total hip, knee, wrist and elbow systems. He has been awarded the Lifetime Achievement Award from the NYC Chapter of the Arthritis Foundation. Dr. Ranawat earned his Master of Surgery at Vikram University in India and completed a residency at St. Peter's Hospital and Albany (N.Y.) Medical Center. He has also completed fellowships in hand surgery and orthopedic reconstructive surgery at HSS.

Eduardo A. Salvati, MD (Hospital for Special Surgery, New York City). Dr. Salvati is a past president of The Hip Society and a past secretary treasurer for the International Hip Society. He is also a member of the American Academy of Orthopaedic Surgeons and the American Association of Hip and Knee Surgeons. As a hip and knee surgeon at the Hospital for Special Surgery, Dr. Salvati has been committed to providing care and conducting research into solutions for hip conditions. HSS has established a Chair in his name to recognize his work. He has also been recognized by The Hip Society for his research and received the Lifetime Achievement Award from the Arthritis Foundation. His current research involves perioperative factors following total hip replacement and prosthetic design following THR. Dr. Salvati earned his medical degree at La Plata Medical School in Buenos Aires, Argentina, and completed residencies in Buenos Aires and Italy. His additional training includes a hip and knee fellowship at HSS.

Thomas Sampson, MD (Post Street Orthopaedics & Sports Medicine, San Francisco). Dr. Sampson is the medical director of the Total Joint Center of Saint Francis Memorial Hospital, senior partner with Post Street Orthopaedics and Sports Medicine and medical director of hip arthroscopy at the Post Street Surgery Center. He is also the president elect of the International Society for Hip Arthroscopy. During his career, he co-developed the lateral approach to hip arthroscopy and participated in the development of other procedures dealing with femoroacetabular impingement. Dr. Sampson's interest in hip surgery also led him to the development of instrumentation and equipment. His professional affiliations include the American Academy of Orthopaedic Surgeons, Arthroscopy Association of North America and the California Orthopaedic Association. He earned his medical degree at Georgetown University Medical School and completed his residency at the University of California, San Francisco.

Richard Santore, MD (Sharp Memorial Hospital, San Diego). Dr. Santore is the chief of staff-elect at Sharp Memorial Hospital and a clinical professor of orthopedic surgery at the University of California in San Diego. He has expertise in osteotomy and joint-preserving hip and knee surgery, as well as total hip and knee replacement. During his career, Dr. Santore has served as the president of the American Association of Hip and Knee Surgeons and the California Orthopaedic Association. He has spoken across the world on hip and knee surgeries, and has served as local co-chairman of an American Orthopaedic Association annual meeting. Dr. Santore graduated from the University of Pennsylvania School of Medicine in Philadelphia and continued his education at Massachusetts General Hospital. He also completed fellowships in total hip and knee replacements and osteotomy surgery from Harvard University in Boston with the Orthopaedic Medical Group of San Diego.

Thomas P. Sculco, MD (Hospital for Special Surgery, New York City). Dr. Sculco is currently the surgeon-in-chief at the Hospital for Special Surgery. He also serves as chairman of the orthopedic surgery department and professor of orthopedic surgery at Weill Cornell Medical College in New York City. Dr. Sculco has a professional interest in minimally invasive hip and knee replacement, implant wear and osteolysis. In addition to his clinical work, Dr. Sculco has conducted research on implant design for hip and knee replacement, blood management and failure mechanisms in joint replacement. He has earned several awards for his research, including recognition from The Hip Society and the Arthritis Foundation Lifetime Achievement Award. Dr. Sculco earned his medical degree from Columbia University in New York City and completed his residency in orthopedic surgery at HSS.

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Thomas Schmalzried, MD (Joint Replacement Institute, Los Angeles). Dr. Schmalzried is the medical director of the Joint Replacement Institute in Los Angeles. He is also a managing partner of California Orthopedic and Sports Medicine Associates, a specialty IPA and managed care consulting firm. During his career, Dr. Schmalzried has served on the board of directors of the American Academy of Orthopaedic Surgeons and the Association of Arthritic Hip and Knee Surgeons. In addition to his practice, Dr. Schmalzried has conducted research on total hip replacement, and earned the AOA-Zimmer Travel Award. He has given presentations on several topics, including wear issues in total hip arthroplasty and polyethylene issues in total hip replacement. Dr. Schmalzried earned his medical degree at the University of California, Los Angeles Medical School, where he also completed his residency in orthopedics. His additional training includes a hip and implant fellowship at Harvard University in Boston.

Ernest L. Sink, MD (Hospital for Special Surgery, New York City). Dr. Sink is the co-director of the Hospital for Special Surgery's Center for Hip Pain and Preservation. He has a professional interest in performing hip procedures in infants, adolescents and young adults, including periacetabular osteotomies and surgical hip dislocations. During his career, Dr. Sink has conducted research in pediatric hip disorders and trauma. He has authored more than 17 peer-reviewed articles and six book chapters. He is a member of the American Academy of Orthopaedic Surgeons and the Pediatric Orthopaedic Surgery of North America. Dr. Sink earned his medical degree at the University of Texas Southwestern Medical School in Dallas, where he also completed his residency. His additional training includes a pediatric orthopedic surgery fellowship at Rady Children's Hospital in San Diego and an AO Fellowship/Apprenticeship in hip surgery in Bern, Switzerland.

Peter F. Sharkey, MD (Rothman Institute, Philadelphia). Dr. Sharkey is the director of Rothman Institute at Riddle Hospital's Center of Orthopaedic Excellence and a professor at Thomas Jefferson University Hospital in Philadelphia. His practice focuses on adult hip and knee reconstruction. In addition to working with his patients, Dr. Sharkey serves on the editorial boards of three professional publications, including the *Journal of Arthroplasty*. He has also served as the treasurer for the American Association of Hip and Knee Surgeons and is a member of The Hip Society and the American Academy of Orthopaedic Surgeons. Dr. Sharkey earned his medical degree from SUNY College of Health Sciences in Syracuse, N.Y., and completed his residency at Thomas Jefferson Hospital. He also completed a fellowship in adult reconstruction at Rothman Institute.

Van P. Stamos, MD (Illinois Bone & Joint Institute, Morton Grove, Ill.). Dr. Stamos is a surgeon with the Illinois Bone & Joint Institute. He has a professional interest in joint replacement and reconstruction, minimally invasive surgery, computer assisted surgery and workers' compensation. He is a member of the American Association of Hip and Knee Surgeons and the American Academy of Orthopaedic Surgeons. He also serves as a clinical instructor in orthopedic surgery at Northwestern University Feinberg School of Medicine in Chicago. In addition to his clinical work, Dr. Stamos has conducted research on several topics, including total hip arthroplasty, acetabular revision surgery and hip implant design. Dr. Stamos earned his medical degree at Northwestern University and completed his residency in orthopedic surgery at Loyola University Medical Center in Maywood, Ill. He also completed a fellowship in adult reconstruction at New England Baptist Hospital in Boston.

Allston Stubbs, MD (Wake Forest University, Winston-Salem, N.C.). Dr. Stubbs has a professional interest in hip arthroscopy and has published several professional articles on the topic. He currently serves as an assistant professor in the sports medicine program and medical director of hip arthroscopy at Wake Forest University Health Sciences School of Medicine. In addition to his clinical practice, Dr. Stubbs has received FDA certification for the Birmingham Hip Resurfacing System. During his career, Dr. Stubbs has served as associate team physician for the Boston Ballet, Boston marathon, Denver Broncos, US Ski Team and Colorado Rockies. He currently serves as the media secretary for the International Society for Hip Arthroscopy. Dr. Stubbs graduated from Duke University School of Medicine in Durham, N.C., where he also completed his residency. His additional training includes fellowships in sports medicine and arthroscopic hip surgery at the Steadman Hawkins Clinic in Vail, Colo., and a pediatric sports medicine fellowship at Children's Hospital of Harvard Medical School in Boston.

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David Stulberg, MD (Northwestern Memorial Hospital, Chicago). Dr. Stulberg is the director and founder of the Joint Reconstruction and Implantation Service at Northwestern Memorial Hospital. He has an expertise in computer-assisted minimally invasive surgical techniques. In addition to his clinical practice, Dr. Stulberg is a researcher and biomedical inventor who has been recognized for his achievements by The Hip Society. He has also received the Maurice E. Muller Award for Excellence and Lifetime Achievement in Computer Assisted Surgery. Dr. Stulberg is the co-founder of the International Society for Technology in Arthroplasty and a founding member of the International Society for computer Assisted Orthopaedic Surgery. During his career, Dr. Stulberg has been active in Operation Walk Chicago, which provides total joint replacements to underserved communities around the world. Dr. Stulberg graduated from the University of Michigan Medical School in Ann Arbor and completed the Harvard Combined Orthopaedic Residency in Boston. He has extensive additional training, including fellowships in the relationship between developmental deformities and hip osteoarthritis at Harvard.

Bert Thomas, MD (UCLA Santa Monica Orthopedic Hospital, Los Angeles). Dr. Thomas is an orthopedic surgeon with UCLA Medical Center, where he previously served as the director of the joint replacement service. He has a professional interest in treating patients with hip and knee injuries and conditions. Dr. Thomas is also a professor of clinical orthopedic surgery at UCLA. In addition to his clinical work, Dr. Thomas is a member of The Hip Society and the Association for Arthritic Hip and Knee Surgery. He has published his research in professional journals on several topics, including total hip arthroplasty and polyethylene wear. Dr. Thomas earned his medical degree at the University of Pennsylvania in Philadelphia and completed his residency in orthopedic surgery at UCLA. He also completed a reconstructive hip surgery fellowship at the Hospital for Special Surgery in New York City and an additional fellowship in bioengineering and total joint reconstruction at UCLA.

Robert T. Trousdale, MD (Mayo Clinic, Rochester, Minn.). Dr. Trousdale is an orthopedic surgeon with Mayo Clinic's Young Hip Clinic. His professional interests include treating patients with hip dysplasia, trauma and musculoskeletal infections. In addition to his clinical work, Dr. Trousdale spends time researching hip and knee-related treatments and conditions. He has published professional articles on topics such as hip arthroplasty for Gorham disease and metal-on-metal hip arthroplasty. Dr. Trousdale earned his medical degree at St. Louis University School of Medicine, and completed his residency in orthopedics at Mayo. His additional training includes the M. Muller Foundation Fellowship in Berne, Switzerland.

Thomas P. Vail, MD (University of California, San Francisco). Dr. Vail is professor and chairman of the department of orthopedic surgery at the University of California, San Francisco. He also serves as vice president of the American Association of Hip and Knee Surgeons. He has a professional interest in the performance and outcomes of hip and knee surgical procedures and devices, adult reconstruction and cartilage repair strategies. During his career, Dr. Vail has published articles in professional journals on topics such as articular surface replacement, regional anesthesia in hip surgery and hip and knee arthroplasty. He is also a member of the American Academy of Orthopaedic Surgeons and the Society for Arthritic Joint Surgery. Dr. Vail earned his medical degree at Loyola Stritch School of Medicine in Chicago and completed his residency and fellowship in hip and knee surgery at Duke University Medical Center in Durham, N.C.

Erik N. Zeegen, MD (Valley Hip & Knee Institute, Tarzana, Calif.). Dr. Zeegen is the associate medical director of Valley Hip & Knee Institute in Tarzana, Calif., where he focuses on hip replacement surgery, including the revision of hip replacements that have failed. He is a member of numerous professional societies including the American Association of Hip and Knee Surgeons, the American Academy of Orthopaedic Surgeons and the American Medical Association. He received his medical degree from the University of California Los Angeles School of Medicine. He completed his residency in orthopedic surgery at the UCLA Medical Center. Dr. Zeegen completed a fellowship in orthopedic oncologic surgery at Massachusetts General Hospital and Boston Children's Hospital along with a fellowship in joint replacement at New England Baptist Hospital in Boston.

James M. Zurbach, MD (Premier Orthopaedic & Sports Medicine Associates, Philadelphia). Dr. Zurbach is an orthopedic surgeon with Premier Orthopaedic & Sports Medicine Associates in Philadelphia, where he focuses on treating the hip. He is a member of several professional societies, including the American Academy of Orthopaedic Surgeons and the Philadelphia Orthopaedic Society. He received his medical degree from Penn State University and completed his residency in orthopedics at the Naval Hospital in San Diego, Calif. He completed a fellowship in the internal fixation of fractures with the AO/ASIF in Bremen, Germany. Dr. Zurbach pursued further education and training in surgical preservation of the hip in Bern, Switzerland.