

AKBAR NAWAB, M.D.

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13151 Magisterial Drive Suite 200, Louisville, KY 40223

BOARD CERTIFIED ORTHOPAEDIC SURGEON

Dr. Nawab has practiced at Ellis & Badenhausein since 2003 and has twice received recognition as "Top Doc" in Orthopaedics by Louisville Magazine during his tenure. He also consults with companies throughout the US and Europe due to his invention of knee implants in use today that are less invasive with faster patient recovery time. He is currently involved in several multicenter research studies and he lectures regularly, both nationally and internationally, on knee surgery techniques including new ACL surgery techniques, cartilage replacement, and outpatient partial and total knee replacement. Dr. Nawab is frequently invited by medical institutions to train other surgeons on partial knee replacement techniques, and is a clinical instructor for the University of Louisville Department of Orthopaedics. He has also served as a team physician for the Louisville Bats, the University of Louisville, Bellarmine University, and Jefferson County High School.

Ellis & Badenhausein Orthopaedics
Orthopaedic Surgeon-Partner

August 2011-Present
Louisville, KY

TRAINING

University of Louisville Department of Orthopedic Surgery
Sports Medicine and Arthroscopy Fellowship, Division of Sports Medicine

August 2002-July 2003
Nashville, TN

University of Louisville Department of Orthopedic Surgery
Orthopedic Surgery Residency

July 1997-June 2002
Louisville, KY

University of Louisville Department of Orthopedic Surgery
Orthopedic Bioengineering Research Fellowship, Orthopedic Bioengineering Lab

July 1997-June 1998
Louisville, KY

University of Louisville Department of Surgery
Surgery Internship, General Surgery

July 1996-June 1997
Louisville, KY

EDUCATION

University of Louisville School of Medicine
Doctor of Medicine

August 1992-May 1996
Louisville, KY

Emory University
Bachelor of Science

September 1987-May 1991
Atlanta, GA

MEMBERSHIPS AND ORGANIZATIONS

Kentucky Medical Association
American Academy of Orthopedic Surgeons
International Society of Arthroscopic Knee Surgery and Orthopedic Sports Medicine

APPOINTMENTS

President- Ellis and Badenhause Orthopaedics PSC	2025 Louisville, KY
Vice President- Ellis and Badenhause Orthopaedics PSC	2024 Louisville, KY
Medical Director- Metro Specialty Surgery Center	2024-Present Jeffersonville, IN
Metro Specialty Surgical Center Board Member	2021-2024 Jeffersonville, IN
Tesa Medical Medical Advisor	2021-2023
Assumption High School Capital Campaign Committee Board	2020-2021 Louisville, KY
Medacta Moto Educational Board	2018-Present
Gratis Faculty- Department of Orthopaedic Surgery, University of Louisville	2006-Present Jeffersonville, IN

AWARDS AND RECOGNITION

Community's Choice Award Winner - Louisville Best Orthopedic Center	2024
Community's Choice Award Winner - Louisville Best Orthopedic Center	2023
Kuntscher Best Teaching Chief Resident Award	2002
Louisville Orthopedic Society Research Award – Second Place	2002
University of Louisville Department of Orthopedic Surgery Research Award	2001
Louisville Orthopedic Society Research Award – Third Place	2001
K. Armand Fischer Award	2000
Kentucky Orthopedic Society Research Award – Second Place	2000
Phi Sigma Tau Philosophy Honor Society	1990
United States Army Student Athlete Award	1987
Headmasters Award St. Francis High School	1987
Edward Y. Mason Student Athlete Award	1981

GRANTS

Nawab A, Voor MJ, Malkani AL, Wang M. A Biomechanical Analysis Of Angulated Femoral Neck Fractures. Fisher-Owen Orthopedic Trust Fund, Nortons Hospital, Louisville, KY 1997- \$3,700

Nawab A, Nyland J, Caborn DNM, Kocabey Y. The Effects of Monopolar Thermal Energy on the Anterior Cruciate Ligament. Fisher-Owen Orthopedic Trust Fund, Nortons Hospital, Louisville, KY 2002 - \$19,895.

Nawab A, Nyland J, Caborn DNM, Kocabey Y, Antekieier S. Biomechanical Analysis of Opening vs. Closing Wedge High Tibial Osteotomies. Fisher-Owen Orthopedic Trust Fund, Nortons Hospital, Louisville, KY 2002- \$6,500.

Nawab A, Nyland J, Caborn DNM, Kocabey Y, Antekieier S. Cryo-clamping for the Testing of Soft Tissue Tendon Grafts. Fisher-Owen Orthopedic Trust Fund, Nortons Hospital, Louisville, KY 2002- \$16,000.

PUBLICATIONS

BOOK CHAPTERS

Meniscal Repair. **Nawab A**, Hester PW, Caborn DNM. In: Miller MD, Cole BJ (eds), Chapter 51, Textbook of Arthroscopy, 2003.

MANUSCRIPTS

Seligson D, Mehta S, Mishra AK, Fitzgerald TJ, Castleman DW, James AH, Voor MJ, Been J, **Nawab A**: In Vivo Study Of Stainless Steel And Ti-13Nb-13Zr Bone Plates In A Sheep Model. Clinical Orthopedics and Related Research, 343:213-223, 1997.

Alt V, **Nawab A**, Seligson D: Bone Grafting From The Proximal Tibia. Journal of Trauma. 47(3):555-557, 1999.

Voor MJ, **Nawab A**, Malkani A, Ulrich CR: Mechanical Properties Of Compacted Morselized Cancellous Bone Graft Using One-Dimensional Consolidation Testing. Journal of Biomechanics. 33(12):1683-1688, 2000.

Roberts CR, **Nawab A**, Voor MJ, Wang M, Seligson D: Second Generation Nailing Of Complex Subtrochanteric Femur Fractures: A Study Of Fracture Site Motion. Journal of Orthopaedic Trauma. 16(4):231-238, 2002.

Roberts CR, **Nawab A**, Voor MJ, Wang M, Seligson D: Second Generation Nailing Of Complex Subtrochanteric Femur Fractures: A Study Of Fracture Site Motion. Journal of Orthopaedic Trauma. 17(Suppl 8):s57-64, 2003.

Klein SA, Nyland J, Kocabey Y, Wozniak T, **Nawab A**, Caborn DNM: Tendon graft fixation in ACL Reconstruction: In Vitro Evaluation of Bioabsorbable Tenodesis Screw. Acta Orthop Scandinavia. 75(1):84-88, 2004.

Kocabey Y, **Nawab A**, Caborn DNM, Nyland J: Posterolateral Corner Reconstruction Using a Hamstring Allograft and a Bioabsorbable Tenodesis Screw: Description of a New Surgical Technique. *Arthroscopy*. 20(Suppl 2):159-163, 2004.

Kocabey Y, **Nawab A**, Caborn DNM, Nyland J: EndoPearl Augmentation of Bioabsorbable Interference Screw Fixation of a Soft Tissue Tendon Graft in a Tibial Tunnel. *Arthroscopy*. 20(6):658-661, 2004.

Kocabey Y, **Nawab A**, Nyland J, Isikan UE, Caborn DNM: Soft Tissue Tendon Graft Fixation in the Tibial Tunnel with a Bioabsorbable Screw-EndoPearl Combination in Tibiae of Low Bone Mineral Density: A Biomechanical Study. *Acta Orthop Traumatol Turc*. 38(4):282-287, 2004.

Nawab A, Nyland J, Kocabey Y, Caborn DNM: Salvage Rotator Cuff Repair Using a Biotenodesis Screw. *Arthroscopy*. 21(1):122-124, 2005

Chang HC, Nyland J, **Nawab A**, Burden R, Caborn DNM: Biomechanical Comparison of the Bioabsorbable RetroScrew System, BioScrew XtraLok With Stress Equalization Tensioner, and 35-mm Delta Screws for Tibialis Anterior Graft-Tibial Tunnel Fixation in Porcine Tibiae. *Am J Sports Med*. 33(7):1057-1064, 2005.

Klein SA, Nyland J, Caborn DNM, Kocabey Y, **Nawab A**: Comparison of volumetric bone mineral density in the tibial region of interest for ACL reconstruction.. *Surg Radiol Anat*. 27(5):372-376, 2005.

Kocabey Y, Nyland J, **Nawab A**, Caborn DNM: Reconstruction of Neglected Achilles Tendon Defect with Peroneus Brevis Tendon Allograft: A Case Report. *J Foot and Ankle Surg*. 45(1):42-16, 2006.

Kocabey Y, Chang HC, Brand J, **Nawab A**, Nyland J, Caborn DNM: A Biomechanical Comparison of the FasT-Fix Meniscal Repair Suture System and RapidLoc Device in Cadaver Meniscus. *Arthroscopy*. 22(4):406-413, 2006.

Duffee AR, Brunelli JA, Nyland J, Burden R, **Nawab A**, Caborn D: Bioabsorbable Screw Divergence Angle, not Tunnel Preparation Method Influences Soft Tissue Tendon Graft-Bone Tunnel Fixation in Healthy Bone. *Knee Surg Sports Traumatol Arthrosc*. 15(1):17-25, 2007.

Crawford C, Nyland J, Landes S, Jackson R, Chang HC, **Nawab A**, Caborn DN: Anatomic Double Bundle ACL Reconstruction: A Literature Review. *Knee Surg Sports Traumatol Arthrosc*. 15(8):946-64, 2007.

Krupp R, Nyland J, Smith C, **Nawab A**, Burden R, Caborn DN: Biomechanical Comparison Between CentraLoc and Intrafix Fixation of Quadrupled Semitendinosus-Gracilis Allografts in Cadaveric Tibiae with Low Bone Mineral Density. *Knee*. 14(4):306-13, 2007.

Sparks BS, Nyland J, **Nawab A**, Blackburn E, Krupp R, Burden R: Cyclic Loading Comparison of Bio-SutureTak-#2 FiberWire and Bio Mini-Revo-#2 Hi-Fi suture Anchor-Sutures in Cadaveric Scapulae. *Knee Surg Sports Traumatol Arthrosc*. 16(3):317-25, 2008.

Nyland J, Chang H, Kocabey Y, **Nawab A**, Brand J, Caborn DN: A Cyclic Testing Comparison of FasT-Fix and RapidLoc Devices in Human Cadaveric Meniscus. *Arch Orthop Trauma Surg*. 128(5):489-94, 2008.

Sparks B, Nyland J, **Nawab A**, Blackburn E, Krupp R, Caborn DN: Biomechanical Comparison of Screw-In Suture Anchor-Suture Combinations Used for Bankart Repair. *Arch Orthop Trauma Surg*. 130(3):321-7, 2010.

Walz B, Nyland J, Fisher B, Krupp R, **Nawab A**: Supplemental Bio-Tenodesis Improves Tibialis Anterior Allograft Yield Load in Extremely Low Density Tibiae. Arch Orthop Trauma Surg Aug 10, 2011.

Han DL, Nyland J, Kendzior M, **Nawab A**, Caborn DN: Intratunnel versus extratunnel fixation of hamstring autograft for anterior cruciate ligament reconstruction. Arthroscopy. 28(10):1555-66, 2012.

POSTERS

Weeks J, Hogue T, Bolli JA, **Nawab A**: A Comparison Of Racial Differences In Amniotic Fluid Fetal Lung Maturity Studies. Society of Perinatal Obstetricians, Anaheim, California, January 1997.

Nawab A, Voor MJ, Malkani AL, Wang M: A Biomechanical Analysis Of Angulated Femoral Neck Fractures. American Academy of Orthopedic Surgeons, Anaheim, California, February 1999.

Finlayson T, Voor MJ, **Nawab A**, Seligson D: Supracondylar Femur Fracture Site Motion With Five Different Methods Of Internal Fixation. Orthopedic Trauma Association, 1999.

Roberts CR, **Nawab A**, Voor MJ, Wang M, Seligson D: Second Generation Nailing of Complex Subtrochanteric Femur Fractures: A Study of Fracture Site Motion.
Southern Orthopedic Society, September 2000.
Orthopedic Research Society, February 2001.

Nawab A, Malkani AL, Baker DL: The Results of Hemiresurfacing Arthroplasty for Femoral Head Disorders. American Academy of Orthopedic Surgeons, New Orleans, Louisiana, February 2003.

WHITE PAPERS

Nawab A, The Use of Sterling Wedges in High Tibial Osteotomies. Regeneration Technologies 2008.

ABSTRACTS

Nawab A, Voor MJ, Malkani AL, Wang M: A Biomechanical Analysis Of Angulated Femoral Neck Fractures. Orthopedic Transactions, Vol 23: 149 American Academy of Orthopedic Surgeons, 1999.

Nawab A, Malkani AL, Baker DL: The Results of Hemiresurfacing Arthroplasty for Femoral Head Disorders. Orthopedic Transactions, Vol 27: American Academy of Orthopedic Surgeons, 2003.

SURGICAL TECHNIQUE MANUALS

Nawab A: Osteochondral Allograft. RTI Biologics, Alachua, FL 2008

Farr J, Cole B, **Nawab A**: T3 Tibial Tuberosity Transfer System. Arthrex, Naples, FL 2009.

Nawab A, et al: I-Balance HTO System. Arthrex, Naples, FL 2010

Caborn DNM, **Nawab A**: Sequent Meniscal Repair. Linvatec, Largo, FL 2011

Kerina JM, **Nawab A**, Robins T, Moll RG: Medacta Moto Medial Unicompartmental Knee Replacement. Medacta, Castel San Pietro, Switzerland 2016

Robins T, **Nawab A**, Kerina JM, Moll RG: Medacta Moto Lateral Unicompartmental Knee Replacement. Medacta, Castel San Pietro, Switzerland 2020

Robins T, **Nawab A**, Kerina JM, Moll RG: Medacta Moto Patellofemoral Knee Replacement. Medacta, Castel San Pietro, Switzerland 2022

CASE STUDIES

Nawab, A: Chondral Lesion of the Medial Femoral Condyle. Genzyme. 2007.

Nawab, A: DeNovo Cartilage Graft. Zimmer. 2011

Nawab, A: Moto Medial Unicompartmental Knee Replacement. Medacta. 2018

PRESENTATIONS

NATIONAL

Nawab A: Wilm's Tumor: Diagnosis and Treatment. Pediatric Surgery Grand Rounds, Kosair Children's Hospital, Louisville, Kentucky, July 1996.

Nawab A: Diagnosis and Treatment of Isthmic Spondylolysis. University of Louisville Neurosurgery and Spine Conference, Louisville, Kentucky, November 1998.

Roberts CR, **Nawab A**, Voor MJ, Wang M, Seligson D: Second Generation Nailing Of Complex Subtrochanteric Femur Fractures: A Study Of Fracture Site Motion. Louisville Orthopedic Society, Louisville, Kentucky, June 2000.

Nawab A: Treatment of Tibial Plateau Fractures. Louisville, Kentucky, University of Louisville Residents Conference, May 2001.

Nawab A, Maurer L, Neuhaus M, Voor M: Hallux Valgus: The Strength Of First Metatarsal Base Osteotomies. Louisville Orthopedic Society, Louisville, KY, June 2001.

Nawab A, Malkani AL, Baker DL: The Results of Hemiresurfacing Arthroplasty for Femoral Head Disorders. Louisville Orthopedic Society, Louisville, Kentucky, June 2002.

Nawab A, Nawab CD: Cox-2 Specific Inhibitors: Acute and Chronic Indications. Bowling Green, Kentucky, April 2003.

Caborn DNM, **Nawab A**, Kocabey Y: Lower Extremity Case Presentations. Spring AANA Meeting, Scottsdale, Arizona, April 2003.

Nawab A, Kocabey Y, Nyland J, Caborn DNM: Combined EndoPearl and Bioabsorbable Interference Screw Fixation Prevents Graft Slippage. Linvatec Resident and Fellows Meeting, Useppa Island, Florida, May 2003.

Nawab A: Concepts and Rehabilitation in Anterior Cruciate Ligament Reconstruction. Physical Medicine and Rehabilitation Conference, Louisville, Kentucky, June 2003.

Nawab A: Rehabilitation in Anterior Cruciate Ligament Reconstruction. Caritas Hospital Physical Therapy Journal Club, Louisville, Kentucky, June 2003.

Nawab A: Adjuvant Uses of Cox-2 Inhibitors in Pain Management. Louisville, Kentucky, June 2003.

Nawab A: ACL Reconstruction. Louisville, Kentucky, July 2003.

Nawab A: Alternatives for the Arthritic Knee. University of Louisville Residents Conference, Louisville, Kentucky, March 2004.

Nawab A: Unicompartmental Knee Arthroplasty. National Association of Orthopedic Nurses, Kentucky Chapter. Louisville, Kentucky, April 2004

Nawab A: Sports Injuries of the Foot and Ankle. Kentucky Podiatry Association Meeting. Elizabeth, Indiana, May 2004.

Nawab A: Nonarthroplasty Reconstruction of the Knee. Norton Hospital Annual Staff Meeting. Louisville, Kentucky, June 2004.

Nawab A: Pain Management in ACL Reconstruction with Cox-2 Inhibitors. Louisville, Kentucky, August 2004.

Nawab A: Orthopedic 3T Procedures and Codes. National Association of Orthopedic Nurses, Kentucky Chapter. Louisville, Kentucky, October 2004.

Nawab A: Unicompartmental Knee Arthroplasty. Orthopaedics and Rehabilitation Grand Rounds, Vanderbilt University. Nashville, Tennessee, January 2005.

Nyland J, Kocabey Y, Chang HC, **Nawab A**, Brand J, Caborn DNM: A Cyclic Testing Comparison of the FasT-Fix and RapidLoc Devices in Cadaver Meniscus. AAOS, Washington, DC, February, 2005.

Nyland J, Chang HC, **Nawab A**, Caborn DNM: Retroscrew System Biomechanical Fixation Characteristics Differ in Submaximal Cyclic and Load to Failure in Porcine Tibia. ISAKOS Hollywood, Florida, April 2005.

Chang HC, Nyland J, **Nawab A**, Caborn DNM: Biomechanical Comparison of the Bioabsorbable RetroScrew System, Delta Screw, and BioScrew XtraLok for Tibialis Anterior Graft-Tibial Tunnel Fixation. ISAKOS Hollywood, Florida, April 2005.

Nawab A: Early Treatment for the Arthritic Knee. Knoxville Knee Reconstruction Meeting. Knoxville, Tennessee, October 2005.

Nawab A: Knee Reconstruction: Arthroscopy to Arthroplasty. Zimmer Sales Training Meeting. Warsaw, Indiana, October 2005.

Nawab A: Techniques and Tips for ACL Graft Fixation with the Arthrex RetroScrew. Arthrex Sales Meeting. Louisville, Kentucky, April 2006.

Nawab A: Innovations in ACL Reconstruction. Functional Fitness & The Science of Joint Preservation. Louisville, Kentucky, April 2006.

Nawab A: Sports Injuries of the Knee. Kentucky Orthopedic Society, Louisville, Kentucky, September 2006.

Nawab A: Sports Conditions of the Lower Extremity. University of Louisville Residents Conference, Louisville, Kentucky, March 2007.

Nawab A: Autologous Chondrocyte Implantation of the Knee. Louisville, Kentucky, September 2007.

Nawab A: Pre-TKA Treatment for the Arthritic Knee. Zimmer Knee Kinematics Lecture. Louisville, Kentucky, November 2007.

Nawab A: Osteochondral Allografting and Biologic Arthroplasty. RTI National Sales Meeting, Hollywood, Florida, January 2008.

Nawab A: High Tibial Osteotomy. Arthrex East Coast Instructors Meeting, Naples, Florida, July 2008.

Nawab A: Tibial Tubercle Transfer. Arthrex East Coast Instructors Meeting, Naples, Florida, July 2008.

Nawab A: Osteochondral Allografts in the Treatment of Chondral Defects of the Knee. Grand Rounds University of Louisville, Louisville, Kentucky, October 2008.

Nawab A: Osteochondral Allografts for Knee Reconstruction. RTI National Sales Meeting, Ponte Vedra, Florida, January 2009.

Nawab A: Treatment of Cartilage Lesions with Denovo Cartilage. Atlanta, Georgia, March 2009.

Nawab A: Denovo Cartilage Options. Nashville, Tennessee, May 2009.

Nawab A: Distal Patellar Realignment Tibial Tubercle Osteotomy: Indications and Technical Pearls. Arthrex Surgical Skills Knee Symposium, Naples, Florida, June 2009.

Nawab A: Pearls for the Single Socket Double Bundle ACL. Arthrex Surgical Skills Knee Symposium, Naples, Florida, June 2009.

Nawab A: Biologic Arthroplasty of the Knee. Arthrex Surgical Skills Knee Symposium, Naples, Florida, June 2009.

Nawab A: DeNovo NT Natural Tissue Graft Overview. Pre-TKA Solutions Meeting, Dallas, Texas, August 2009.

Nawab A: Zimmer Denovo Cartilage. Hershey, Pennsylvania, September 2009.

Nawab A: Zimmer DeNovo Cartilage and Case Studies, Allentown, Pennsylvania 2009.

Nawab A: Biologic Options for the Early Arthritic Knee. Zimmer Residents Reconstruction Course, Indianapolis, Indiana, September 2009.

Nawab, A: Tips and Pearls of Cartilage Surgery. RTI National Sales Meeting, Ponte Vedra, Florida, January 2010.

Nawab A, Caborn DNM: Denovo Cartilage Basic Science and Surgical Applications. AAOS, New Orleans, Louisiana, March 2010.

Nawab A: Zimmer Unicompartmental Knee Replacement, Dallas, Texas, June 2010.

Nawab A: Denovo Cartilage. Zimmer Pre-TKA Meeting, Denver, Colorado, August 2010.

Nawab A: Denovo Cartilage. Zimmer Uni Days, Henderson, Nevada, October 2010.

Nawab A: Meniscus Repair to Reconstruction. Linvatec European Surgeons Meeting, Largo, Florida, October 2010.

Nawab A: Meniscus Repair. Linvatec Train the Trainer Meeting, Largo, Florida, January 2011.

Nawab A, Caborn DNM: Sequent Meniscus Repair, AAOS, San Diego, California, March 2011.

Nawab A, Caborn DNM: A Revolution in Meniscus Repair, Spring AANA, San Francisco, California, April 2011.

Nawab A: Physical Examination of the Knee/Osteochondral Defects and Management, Norton Sports Health and KORT Sports Medicine Symposium, Louisville, Kentucky, August 2011.

Nawab A: Activity Level After UKA. Zimmer Masters UKA Meeting, Miami, Florida, September 2011.

Nawab A: Meniscus, Resection to Repair, Linvatec National Sales Meeting, Largo, Florida January 2012.

Nawab A, Caborn DNM: Early Intervention in Cartilage Repair. AAOS, San Francisco, California, February 2012.

Nawab A, Wood J: Pre-TKA: Joint Restoration to Partial Arthroplasty. AAOS, San Francisco, California, February 2012.

Nawab A: Innovations in Joint Preservation. Center Valley, Pennsylvania, April 2012.

Nawab A: Innovations in Joint Preservation. State College, Pennsylvania, April 2012.

Nawab A: Knee Reconstruction and Joint Preservation, Linvatec Brazilian Knee Reconstruction Course, Largo, Florida, April 2012.

Nawab A: Cartilage Preservation and Joint Restoration, Nashville, Tennessee, May 2012

Nawab A: Complex Knee Reconstruction Options, Linvatec Nordic International Workshop, Largo, Florida, October 2012.

Nawab A: Indications for Unicompartmental Knee Reconstruction, Las Vegas, Nevada, November 2012.

Nawab A: Technique of Patellofemoral Arthroplasty, Zimmer Joint Preservation Course, Phoenix, Arizona, January 2013.

Nawab A: Unicompartmental Knee Arthroplasty: The Other Joint Replacement, Zimmer National Sales Meeting, San Antonio, Texas, February 2013.

Nawab A: Clinical Experience Update – Denovo NT Natural Tissue Graft and Chondrofix Osteochondral Allograft, Chicago, Illinois, March 2013.

Nawab A: Biologics and Unicompartmental Knee Replacement, Miami Masters Course, Miami , Florida, May 2013.

Nawab A: Lateral Unicompartmental Knee Replacement Spotlight, Miami Masters Course, Miami, Florida, May 2013.

Nawab A: Patellofemoral Joint Replacement Case Presentation and Activity Level Function, Miami Masters Course, Miami, Florida, May 2013.

Nawab A: Joint Preservation: Fill the Pothole or Replace the Road, Getting it Right the First Time, Detroit Orthopedic Society Grand Rounds, Detroit, Michigan, 2013.

Nawab A: ACL Tears in the Adult Athlete, Norton Sports Health Symposium, Louisville, Kentucky, June 2015.

Nawab A: Moto Medial Unicompartmental Knee Replacement: Results and Goals, Medacta Early Evaluators Meeting, Orlando, Florida, February 2017.

Nawab A: UKA Patient Indications Past and Present, Medacta Learning Center, Tampa, Florida, March 2018.

Nawab A: Partial Knee Replacement and Case Studies. Louisville, Kentucky, May 2018.

Nawab A: Pitfalls to Partial Knee Replacement, Medacta Learning Center, Atlanta, Georgia, May 2018.

Nawab A: Medial Unicompartmental Knee Replacement - Increasing Utilization and Decreasing Failure Rates, National Medical Association Meeting, Orlando, Florida, August 2018.

Nawab A: Ribbon ACL, Unwrapping the Mystery, Orthopedic Summit and Emerging Technology Meeting, Las Vegas, Nevada, December 2018.

Nawab A: UKA Indications Past and Present, Medacta National Sales Meeting, Scottsdale, Arizona, January 2019.

Nawab A: Moto Medial Partial Knee Replacement Surgical Technique, Atlanta, Georgia, February 2019.

Nawab A: Moto Medial Partial Knee Replacement - Design Rationale, Franklin, Tennessee, July 2019.

Nawab A: Partial Knee Replacement Case Studies, Howard University, Washington, DC, October 2019.

Nawab A: Moto Medial Unicompartmental Knee Replacement, Patient Selection and Surgical Technique, Las Vegas, December 2019.

Nawab A: Why Should I Do a Partial Knee Replacement, Winter Current Concepts in Joint Replacement, Orlando, Florida, December 2019.

Nawab A: Value Based Arthroplasty Partial Knee Replacement - Indications and Benefits, University of Louisville Grand Rounds, Louisville, Kentucky, March 2020.

Nawab A: Cartilage Restoration Rehabilitation, Louisville, KY August 2020

Nawab A: Ribbon ACL - Unwrapping the Mystery. American Osteopathic Academy of Orthopedics National Meeting, Salt Lake City, Utah, March 2021.

INTERNATIONAL

Caborn DNM, **Nawab A:** Meniscal Repair, Combined Meeting: Singapore Orthopaedic Assoc, Asia Pacific Orthopaedic Assoc and ASEAN Orthopaedic Assoc, Singapore, October 2002.

Caborn DNM, **Nawab A:** ACL Reconstruction, Combined Meeting: Singapore Orthopaedic Assoc, Asia Pacific Orthopaedic Assoc and ASEAN Orthopaedic Assoc, Singapore, October 2002.

Caborn DNM, **Nawab A,** Kocabey Y: Posterior Cruciate Ligament Reconstruction. Seoul, Korea, June 2003.

Nawab A: UKA Pitfalls: 12 Steps to Increasing Utilization and Avoiding Complications, M.O.R.E. Americas Symposium, Montreal, Canada, April 2018.

Nawab A: Medial Unicompartmental Knee Replacement, Marrying Technique and Implant, M.O.R.E. Meeting, Lugano, Switzerland, April 2019.

Nawab A: Meniscus Case Studies - Repair to Reconstruction, M.O.R.E. Meeting, Lugano, Switzerland, April 2019.

Nawab A: Unicompartmental Knee Replacement, Literature Review and Historical Lessons with Focus on Decreasing Failure. Verona, Italy, April 2019.

Nawab A: Meniscus Root Repair, M.O.R.E. Meeting, Lugano, Switzerland, April 2024.

SURGICAL TRAINING AND DEMONSTRATION

WEBINAR FACULTY

Nawab A: Why MOTO: Advances in Unicompartmental Arthroplasty, Medacta MOTO East Coast Webinar, May 2018.

Nawab A: Why MOTO: Advances in Unicompartmental Arthroplasty, Medacta MOTO West Coast Webinar, May 2018.

Nawab A: Why Do Unis, Positioning Your Practice Post Covid 19 - Partial Knees as an Outpatient Procedure. Medacta Grand Rounds, May 2020.

SURGEON PROCTORING

Moto Medial Partial Knee Replacement - Anthony Carter MD, Newport, Virginia 2017
Moto Medial Partial Knee Replacement - Ron Auer MD, Madison, Indiana 2018
Moto Medial Partial Knee Replacement - Sean Griffin MD, Louisville, Kentucky 2018
Moto Medial Partial Knee Replacement - Tyler Kellar MD, Louisville, Kentucky 2018
Moto Medial Partial Knee Replacement - Sanjiv Mehta MD, Louisville, Kentucky 2018
Moto Medial Partial Knee Replacement - Travis Clegg MD, Louisville, Kentucky 2018
Moto Medial Partial Knee Replacement - David Spanyer MD, Cincinnati, Ohio 2019
Moto Medial Partial Knee Replacement - Lynn Rodgers MD, McKinney, Texas 2019
Moto Medial Partial Knee Replacement - Nathan Polly MD, Louisville, Kentucky 2019
Moto Medial Partial Knee Replacement - Sean Griffin MD, Louisville, Kentucky 2020
Moto Medial Partial Knee Replacement - Doug Schlierf MD, Louisville, Kentucky 2020
Moto Lateral Partial Knee Replacement - Rajeev Jain MD, Chicago, Illinois 2021
Moto Lateral Partial Knee Replacement - David Spanyer MD, Cincinnati, Ohio 2021
Moto Medial Partial Knee Replacement - Galen Weiss MD, Louisville, Kentucky 2021
Moto Patellofemoral Joint Replacement - Joseph Greene, Louisville, Kentucky 2022
Moto Patellofemoral Joint Replacement - Dragan Jeremic, Webinar Proctoring 2022
Moto Tibia My Knee PSI Cutting Blocks - Sam Bhimani, Louisville, KY 2024
Moto Medial Partial Knee Replacement - Mandume Kerina MD, Orlando, Florida 2024

RESIDENT TRAINING

Lauren Nelson 2022
Charles Long 2022
Shikha Sachdeva 2022
Adam Miller 2022
Michael Sirignano 2022
Jacob Markel 2022
Elive Likine 2023
Sarag Abhari 2023
James Gainer 2023, 2024
Jonathan Gardner 2023, 2024
Dallas Hagman 2023
Alex Joufflas 2023, 2024
Joseph Kitchen 2024
Ruben Bueno 2024
Johnathan Whitaker 2025

SURGICAL DEMONSTRATION

Nawab A: Double Bundle Single Socket ACL Reconstruction. Arthrex Surgeons Advanced Course, Naples, Florida, May 2007.
Nawab A: Osteochondral Allografts. RTI Executive OPO Meeting, Gainesville, Florida, November 2008.
Nawab A: Patellofemoral Arthroplasty. Zimmer Biologics and Pre TKA Solutions, Dallas, Texas, August 2009
Nawab A: Patellofemoral Arthroplasty. Zimmer Knee Reconstruction Residents Course Indianapolis, Indiana, September 2009.
Nawab A: Denovo Chondral Allograft Patellar Implantation with Tibial Tubercle Osteotomy and Lateral Retinacular Lengthening. Louisville, Kentucky, July 2012.

Nawab A: Patellofemoral Arthroplasty. Zimmer Pre-TKA Meeting, Denver, Colorado, August 2010.

Nawab A: Unicompartmental Knee Replacement. Zimmer Uni Days, Henderson, Nevada, October 2010.

Nawab A, Caborn DNM: Meniscus Repair-All Inside-Stay Inside. ISAKOS, Rio De Janeiro, Brazil, May 2011.

Nawab A, Caborn DNM: Meniscus Repair, Fall AANA, Palm Desert, California, November 2011.

Nawab A: Meniscus Repair, Linatec Brazilian Knee Reconstruction, Largo, Florida, April. 2012.

Nawab, A: Techniques of Meniscus Repair, Linatec Nordic International Workshop, Largo, Florida, October 2012.

Nawab A: Unicompartmental Knee Replacement, Zimmer Partial Knee Reconstruction Course, Las Vegas, Nevada, November 2012.

Nawab A: Patellofemoral Arthroplasty, Zimmer Partial Knee Reconstruction Course, Las Vegas, Nevada, November 2012.

Nawab A: Denovo Chondral Allograft, Zimmer Joint Preservation Course, Phoenix, Arizona, 2013.

Nawab A: Patellofemoral Arthroplasty, Zimmer Joint Preservation Course, Phoenix, Arizona, 2013.

Nawab A: Moto Medial Unicompartmental Knee Replacement, Medacta Early Evaluators Meeting, Orlando, Florida, 2017.

Nawab A: Moto Medial Unicompartmental Knee Replacement, Franklin, Tennessee, 2019.

LAB INSTRUCTOR

National

Double Bundle ACL Reconstruction: Arthrex Surgeons Advanced Course, Naples, Florida, May 2007.

Osteochondral Allografting, Regeneration Technology Course, Alachua, Florida, September 2007.

Zimmer Pre TKA and Rotating Platform TKA, Orlando, Florida, March 2009.

Arthrex Surgical Skills Knee Symposium, Naples, Florida, June 2009.

Zimmer Pre-TKA Solutions Meeting, Dallas, Texas, August 2009.

Zimmer Residents Reconstruction Course, Indianapolis, Indiana, September 2009.

Zimmer Denovo Cartilage Surgical Applications, AAOS, New Orleans, Louisiana, March 2010.

Zimmer Pre-TKA Meeting, Dallas, Texas 2010.

Zimmer Biologics and Pre-TKA Meeting, Denver, Colorado 2010.

Zimmer Uni Days, Henderson, Nevada, October 2010.

Meniscus Repair, Linatec European Surgeons Meeting, Largo, Florida, October 2010.

Meniscus Repair, Linatec Train the Trainer Meeting, Largo, Florida, January 2011.

Meniscus Repair, Linatec Brazilian Knee Reconstruction, Largo, Florida, April 2012.

Meniscus Repair, Linatec Nordic International Knee Workshop, Largo, Florida 2012.

Zimmer Partial Knee Reconstruction Course, Las Vegas, Nevada 2012.

Zimmer Joint Preservation Course, Phoenix, Arizona 2013.

Medacta MOTO Medial Unicompartmental Knee Replacement, Orlando, Florida 2017.

Medacta MOTO Learning Center, Tampa, Florida 2018.

Medacta MOTO Learning Center, Atlanta, Georgia 2018.

Medial Unicompartmental Knee Replacement, NMA Meeting, Orlando, Florida 2018.

Medacta Learning Center, Atlanta, Georgia 2019.

Medacta MOTO Learning Center, Franklin, Tennessee 2019.

Medacta MOTO Medial Unicompartmental Knee Replacement, Howard University, Washington, DC 2020.

Medacta MOTO Learning Center, Las Vegas, Nevada 2019.

Medacta MOTO Lab, Louisville, Kentucky 2020.

Medacta MOTO Partial Knee Replacement Lab, Louisville, Kentucky 2021.

Residents Arthroplasty Lab, Cincinnati, Ohio 2022.

Medacta Learning Center, Atlanta, Georgia 2022.
Medacta Arthroplasty Lab, Louisville, Kentucky 2022.
Medacta Arthroplasty Lab, Louisville, Kentucky 2024.

International

Meniscal Repair Lab. Combined Meeting: Singapore Orthopaedic Assoc, Asia Pacific Orthopaedic Assoc and ASEAN Orthopaedic Assoc, Singapore, October 2002.
ACL Reconstruction Lab. Combined Meeting: Singapore Orthopaedic Assoc, Asia Pacific Orthopaedic Assoc and ASEAN Orthopaedic Assoc, Singapore, October 2002.
PCL Reconstruction Lab. Combined Meeting: Singapore Orthopaedic Assoc, Asia Pacific Orthopaedic Assoc and ASEAN Orthopaedic Assoc, Singapore, October 2002.
Meniscus Repair-All Inside-Stay Inside and ACL Reconstruction, ISAKOS, Rio De Janeiro, Brazil, May 2011.
Medacta 102nd MORE Knee Learning Center, Verona, Italy 2019.

MULTICENTER RESEARCH INVESTIGATOR

Nawab A: ZCRP for the Treatment of Large Rotator Cuff Repair. 2008-2009.

Nawab A: CR Plug Grafting for Load Bearing and Nonload Bearing Chondral Lesions of the Knee. 2008

Nawab A: Moto Medial Unicompartmental Knee Replacement Study. 2017-Present

MEETING FACULTY

Knoxville Knee Reconstruction Meeting, Knoxville, Tennessee 2005
Kentucky Orthopedic Society, Louisville, Kentucky 2006
Music City Reconstruction Meeting, Nashville, Tennessee 2006
Regeneration Technology Incorporated National Sales Meeting, Tampa, Florida 2007
Arthrex East Coast Instructors Meeting, Naples, Florida 2008
Zimmer Pre TKA and Rotating Platform TKA, Denver, Colorado 2008
Zimmer Pre TKA and Rotating Platform TKA, Newport, Rhode Island 2008
RTI Biologics National Sales Meeting, Ponte Vedre, Florida 2009
Zimmer Pre TKA and Rotating Platform TKA, Orlando, Florida 2009
Arthrex Knee Symposium, Naples, Florida 2009
Zimmer Biologics and Pre TKA Solutions, Dallas, Texas 2009
Zimmer Residents Course, Indianapolis, Indiana 2009
RTI Biologics National Sales Meeting, Ponte Vedre, Florida 2010
Zimmer Pre-TKA Meeting, Dallas, Texas 2010
Zimmer Biologics and Pre-TKA Meeting, Denver, Colorado 2010
Zimmer Uni Days, Henderson, Nevada 2010
AANA Fall Meeting, Phoenix, Arizona 2010
Linvatec European Surgeons Meeting, Largo, Florida 2010
Linvatec Train the Trainer Meeting, Largo, Florida 2011
Zimmer Masters UKA Meeting, Miami, Florida 2011
ISAKOS, Rio De Janeiro, Brazil 2011
AANA Fall Meeting, Palm Desert, California 2011
Linvatec Brazilian Knee Reconstruction, Largo, Florida 2012
Zimmer Uni Masters Course, Miami, Florida 2012
Nordic International Knee Workshop, Largo, Florida 2012

Zimmer Partial Knee Reconstruction, Las Vegas, Nevada 2012
Zimmer Joint Preservation Course, Phoenix, Arizona 2013
Zimmer Uni Masters Course, Miami, Florida 2013
Nortons Sports Health Symposium, Louisville, Kentucky 2015
M.O.R.E. Meeting, Lugano, Switzerland 2016
Medacta Early Evaluators Meeting, Orlando, Florida 2017
Medacta MOTO Learning Center, Tampa, Florida 2018
M.O.R.E. Americas Symposium, Montreal, Canada 2018
Medacta MORE Learning Center, Atlanta, Georgia 2018
Medacta MORE Learning Center, Atlanta, Georgia 2019
M.O.R.E. Meeting, Lugano, Switzerland 2019
MORE 102nd Knee Learning Center, Verona, Italy 2019
MORE Learning Center, Franklin, Tennessee 2019
MORE Learning Center, Las Vegas, Nevada 2019
MORE Learning Center, Louisville, Kentucky 2020
AOAO Spring Meeting, Salt Lake City, Utah 2021
M.O.R.E. Meeting, Lugano, Switzerland 2024

MEDIA

TELEVISION INTERVIEW

Nawab A: Cartilage Regeneration. Medical Breakthroughs. Louisville, KY, 2010
Nawab A: Orthopaedics in Louisville, Great Day Live, Louisville, KY, 2022

VIDEO INTERVIEW

Nawab A: Orthopedic and Sports Rehabilitation. My Rehab Pro. Louisville, KY 2017
Nawab A: What Medacta Means to Me. Medacta TV. Nashville, TN 2019

VIDEO TECHNIQUES

Nawab A: High Tibial Osteotomy. Video Technique. I-Balance, 2006
Nawab A: Osteochondral Allografting. Regeneration Technology, 2007
Nawab A: Meniscus Repair with the Sequent Meniscus Repair Device. Linvatec, 2010
Nawab A: MOTO Medial Partial Knee - PKR Live Surgery, Vumedi, 2018.

PUBLICATIONS

Nawab A: Steroid Injections. Courier Journal, Louisville, Kentucky, 2004
Nawab A: Sports Docs. Business First. Louisville, Kentucky, July 2006

TELEVISION INTERVIEW

Nawab A: Cartilage Regeneration. Medical Breakthroughs. Louisville, KY, 2010
Nawab A: Orthopaedics in Louisville, Great Day Live, Louisville, KY, 2022

Magazines Articles and Interviews

RTI Announces Launch of Fresh Stored Osteochondral Allografts. RTI Inc, Alachua, Florida, 2008
Medical News Today.com
Reuters.com
Financial Content.com

Top Docs. Louisville Magazine, Louisville, Kentucky, 2010

Top Docs. Louisville Magazine, Louisville, Kentucky, 2014

Top Docs. Louisville Magazine, Louisville, Kentucky, 2016

Medacta Moves Into Partial Knees With The MOTO Medial Partial Knee. Becker's ASC Review, 2018. <https://www.beckersasc.com/orthopedics-tjr/medacta-moves-into-partial-knees-with-the-moto-medial-partial-knee.html>

Moto Partial Knee System Q&A. Medacta International, 2018

ELECTRONIC MEDIA

Dr. Akbar Nawab Performs First US Surgery With Medacta PEEK Screw. Medacta Corporate 2019. <https://www.medacta.com/EN/press?newsID=1847231>

Medact Announces Several First-time Surgeries and CE Marking for Multiple Products for its Sports Medicine Division. Medacta Corporate 2020. <https://www.medacta.com/EN/press?newsID=1893151>

First U.S. Anterior Cruciate Ligament Reconstruction with M-ARS ACL. Medacta Corporate 2021. <https://www.medacta.com/en/news-detail?id=14748>

First Surgery with Moto PFJ System. Medacta Corporate 2022. <https://www.medacta.com/en/news-detail?id=15578>

PRODUCT DEVELOPMENT

IBalance HTO System, I-Balance	2007-2010
Tibial Tuberosity Osteotomy Guide, Arthrex	2008
Meniscal Repair Device, Sequent	2009
LoopLoc All Suture Based Suture Anchor, Incumed	2011
AnatomACL Interference Screw, Jortek	2013
Moto Medial Unicompartmental Prosthesis, Medacta	2017
MARS ACL Ribbon and Standard ACL Reconstruction Set, Medacta	2018
ACL Interference Screws, Medacta	2018
PCL Reconstruction Set, Medacta	2018
Quadricep Tendon Harvesting System, Medacta	2018
Moto Lateral Unicompartmental Prosthesis, Medacta	2018
Moto Patellofemoral Prosthesis, Medacta	2018
Medacta Femoral MyKnee Cutting Guides	2024
Medacta Global Medial Unicompartmental Prosthesis, Medacta	2024
Medacta Root Repair System, Medacta	2024
Medacta All Inside Meniscus Repair System, Medacta	2024

PATENTS

David Caborn, Dennis McDevitt, Akbar Nawab, Vincent Novak: Method and apparatus for meniscal repair. February 2010: US 20100049212

David Caborn, Dennis McDevitt, Akbar Nawab, Vincent Novak: Method and apparatus for meniscal repair. March 2011: US 20110071549

CONSULTANT SERVICES

Zimmer Inc	2003-2013
I-Balance Inc	2006-2010
RTI Inc	2007-2012
Arthrex Inc	2007-2013
Genzyme Inc	2008-2010
Incumed	2009-2013
Linvatec	2010-2013
Medacta	2015-Present