

JEFFREY H. DECLAIRE

EDUCATION

Undergraduate

- University of Michigan Ann Arbor, MI 1973-1977
- Bachelor's Degree; Microbiology 1977
- Highest Distinction

Medical School

- University of Michigan Medical School Ann Arbor, MI 1977-1981
- Medical Degree; 1981

General Surgery Residency

- Wayne State University Hospitals Detroit, MI 1981-1983
- General Surgery Residency Program

Orthopaedic Surgery Residency

- University of Michigan Orthopaedic Surgery Ann Arbor, MI 1983-1986
- Orthopaedic Surgery Residency Program

FELLOWSHIP

- Penn State University Hospital
- The Hershey Medical Center Hershey, PA 1986-1987
- Sports Medicine/Arthroscopic & Reconstructive Surgery of the Knee

CERTIFICATIONS

- National Board of Medical Examiners of the United States 1981
- Diplomat: America Board of Orthopaedic Surgery 1990
- Recertification: 2000
- Recertification 2012
- Fellow: American Association of Orthopedic Surgeons

MEDICAL LICENSURE

- Department of Community Health Board of Medicine State of Michigan 1987 #4301045096

HONORS AND AWARDS

Undergraduate: University of Michigan 1969-1973

- Michigan Competitive Scholarship Award, 1973
- William J. Brandstrom Freshman Prize, 1974
(GPA 4.0 Awarded to top 5%)
- Academic Recognition from Sigma Alpha Epsilon; 1975-1976
- James B. Angel Scholar Award; 1975, 1976
- Class Honors; 1974,1975,1976,1977

Medical School: University of Michigan Hospitals 1973-1977

- Academic Honors General Surgery, 1979
- Orthopedic Surgery, 1980
- Urology, 1980
- Plastic Surgery, 1980
- General Surgery Sub internship, Orthopaedic Surgery Sub internship, 1980
General
- Outstanding Physician of The Year 1997 (Awarded by Governor John Engler)
- Top Doc Recognition, Hour Magazine 2006
- Top Doc Hall of Fame, Hour Magazine 2012
- Outstanding Physician of the Year Award 2011
- Outstanding International Physician of the Year Award 2014
- Healthcare Professional of the Year 2015
- Innovator Of the year 2015
- Top Doc Hall of Fame, Hour Magazine 2016
- Top Doc Recognition, Hour Magazine 2018

ACCADEMIC APPOINTMENTS

Clinical Assistant Professor

- Oakland University of Michigan Rochester Hills, MI 48307
- Grand Valley State University Grand Valley, MI 49401

Board Member

- Crittenton Hospital Medical Center 1100 W. University Drive
Rochester, MI 40307

PROFESSIONAL APPOINTMENTS

Chief, Department of Orthopaedic Surgery 2006-2014

- Crittenton Hospital Medical Center 1100 W. University Drive
Rochester, MI 48307

PROFFESIONAL
APPOINTENTS
(CONTINUED)

Chief, Department of Surgery 2010-2014

- Ascension Ctittenton Hospital Medical Center 1100 W. University Drive Rochester MI, 48307

Chief, Department of Orthopaedic Surgery 2006-Present

- Ascension Crittenton Hospital Medical Center 1100 W. University Drive
- Rochester, MI 48307

Ascension Crittenton Hospital Medical Center: Attending Staff
1987-Present

1100 W. University Drive Rochester, MI 48307

Michigan Institute for Advanced Surgery: Attending Staff 2007-
Present

1375 S. Lapeer Road Suite 109 Lake Orion, MI 48360

Ascension Crittenton Medical Center: Director, Adult Reconstruction
& Joint Replacement Program

1100 W. University Drive Rochester, MI 48307

Ascension Crittenton Medical Center: Medical Director, Department
of Surgery

1100 W. University Drive Rochester, MI 48307

Gift of Life Transplantation Society of Michigan Board Member
Tissue Committee

Ascension Crittenton Hospital Medical Center

Special Task Force

COMMITTEES

Medical Records Committee

Ascension Critttenton Hospital Medical Center

Surgery Review Committee

Ascension Crittenton Hospital Medical Center

Outpatient Surgery Subcommittee-Planning

Ascension Crittenton Hospital Medical Center

COMMITTEES
(CONTINUED)

Michigan State Medical Society

Sports Medicine Committee

Ascension Crittenton Fitness Institute

Advisory Board

University of Michigan

Clinical Services Evaluation Committee

Surgical Services Committee

Ascension Crittenton Hospital Medical Center

Oakland University Athletic Program: Orthopaedic Athletic Teams

Consultant

RECENT CONSULTING
ACTIVITY

Smith + Nephew Orthopaedics

Harmony/Sync Instrumentation Project
2018-2019

Zimmer Biomet

Rosa Clinical Outcome Study
2020 – present

Corin Omni Orthopedics

Active Tensioning Robotic Total Knee Arthroplasty
2019-present

VOLUNTEER SERVICES

Cranbrook High School: Team Physician

Andover High School: Team Physician

Lasher High School: Team Physician

Troy High School: Team Physician

Pennsylvania State: Assistant Team Physician

Hershey Bears Hockey Team: Team Physician

VOLUNTEER SERVICES
(CONTINUED)

Wayne Memorial High School: Team Physician

Oakland University: Team Physician

Detroit Junior Red Wings: Team Physician

PROFESSIONAL
AFFILIATIONS

University of Michigan Alumni Society
Michigan State Medical Society
American Medical Association
Michigan Orthopaedic Alumni Association
Oakland County Medical Society
American Academy of Orthopaedic Surgeons
Arthroscopy Association of North America
American Orthopaedic Society for Sports Medicine
American College of Sports Medicine
Mid-America Orthopaedic Association
American Association of Hip and Knee Surgeons International Society
for Technology in Arthroplasty

PUBLICATIONS

JH DeClaire, T Savich, A Montgomery, O Warritay; Significant Weight Loss May Delay or Eliminate the need for Total Knee Replacement: International Journal of Preventative Medicine, vol 5, May 2014

JH DeClaire, A Lombardi, K Berend; Improved Accuracy of Alignment with Patient-Specific Positioning Guides Compared with Manual Instrumentation in TKA: Bone Joint 2013 vol 95-B no. SUPP 34 282

JH DeClaire, K Rasmaseshan, M Wood, S Anderson; Pre-Operative Selection Criteria for Simulation Bilateral Total Knee Arthroplasty (TKA): Bone Joint 2013 vol.95 B no. Supp 34 44

Vincent Y. Ng MD, **Jeffrey H. DeClaire MD**, Keith R. Berend MD, Bethany C. Gukick RT ®, Adolph V. Lombardi Jr MD; Improved Accuracy of Alignment with Patient-specific Positioning Guides Compared with Manual Instrumentation in TKA"; Clin Orthop Relat Res; 2011

JH DeClaire and W Roeser; Early Operative Treatment of Grade III Acromioclavicular Separations, American Journal of Sport Medicine; 1989

JH DeClaire, H Kaufer and S Stuhl; "long Term Follow-up of Total ip Arthroplasty in Patients under Age 35": Journal of Bone and Joint Surgery: 1987

Hanks, **JH DeClaire**, JA Handal, WJ Sebastinelli and A Kalenak; "Arthroscopic Partial Meniscectomy for a Discoid Lateral Meniscus Tear in a Child: Case Report and Literature: 1990

TEXTBOOK CHAPTERS
PUBLISHED

Jeffrey H. DeClaire, MD, "Patellofemoral Arthroplasty: Indications and Outcomes", Partial Knee Arthroplasty: Techniques for Optimal Outcomes: Chapter 20. Pp 145-162

Jeffrey H DeClaire, MD, "The Failed Uni"; Partial Knee Arthroplasty: Techniques for Optimal Outcomes; Chapter 25. pp 195-214

Sweden International Training Program

Japan International Training Program x2

Chile International Training Program

PRESENTATIONS/FACULTY
APPOINTMENTS

Effectiveness of Bupivacain Liposome Injectable Suspension for Postoperative Pain Control in Total Knee Arthroplasty: A Prospective, Randomized, Double Blind, Controlled Study. AAHKS 26th Annual Meeting

Dallas, TX November 13, 2016

Presenter: Jeffrey H DeClaire, M.D.

Innovative Techniques: The Knee Course 2016

Las Vegas, NV October 22, 2016

Presenter: Jeffrey H. DeClaire, M.D.

Presenter: Blood Management and VTE Prophylaxis

Presenter: Jeffrey H. DeClaire, M.D.

Presenter: Mobile Baring Medial UKA

PRESENTATIONS/FACULTY
APPOINTMENTS
(CONTINUED)

NAAHKS Presenter 2019

Bi-Cruciate Sparing Total Knee Arthroplasty
Scottsdale, Arizona

NAAHKS Presenter 2018

Bi-Cruciate Sparing Total Knee Arthroplasty
Miami, Florida

Moderator: Jeffrey H. DeClaire, M.D.

Presenter: Mechanical Allignment for Primary TKA

Moderator: Jeffrey H. DeClaire, M.D.

Presenter: Kinematic Allignment for Primary TKA

Panel: Jeffrey H. DeClaire, M.D., Steven B. Haas, M.D., MPH; William A. Jiranek M.D., Denis Nam, M.D., MSC.

Moderator: David J. Mayman, M.D.

Presenter: Revision TKA: A case Based Panel

Panel: Jeffrey H. DeClaire, M.D., Steven B. Haas, M.D., MPH; David J. Mayman, M.D., Denis Nam, M.D., MSC.

Moderator: Craig J. Della Valle, M.D.

Presenter: Managing Complications in TKA: A case Based Panel

International Society for Technology in Arthroplasty: ISTA 2016

Boston, USA October 6, 2016

Presenter: Jeffrey H. DeClaire, M.D. (Paige Aiello, D. Carl Freeman)

Presenter: Preoperative Indicators of Anterior Cruciate Ligament (ACL) Integrity in Patients Receiving TKA

International Society for Technology in Arthroplasty: ISTA 2016

Boston, USA October 7, 2016

Presenter: Jeffrey H. DeClaire, M.D. (Paige Aiello, D. Carl Freeman)

Presenter: Effectiveness of Exparel, A Bupivacaine Liposome Injectable Suspension for Postoperative Pain Control in Total Knee Arthroplasty: A Prospective, Randomized, Double Blind Study.

Henry Ford Lab-Henry Ford Hospital Detroit, MI April 22, 2016

Presenter: XP Biruciate TKA Surgical Technique

Live Surgeon Demonstration: Jeffrey H. DeClaire M.D.

Older Persons Commission Community Lecture Rochester Hills, MI
January 22, 2016

Presenter: Minimally Invasive Signature Total Knee Replacement

PRESENTATIONS/FACULTY
APPOINTMENTS
(CONTINUED)

Japan International Training Program Rochester Hills, MI
December 17, 2015

Presenter: Minimally Invasive Signature Total Knee Replacement

VuMedi San Francisco, CA November 20-21, 2015

Presenter: Balancing Severe Valgus Knee

Surgeon: Jeffrey H. DeClaire, M.D.

Moderator: Michael Taunton

Presenter: Difficult Primaries/Revision TKA Cases Submitted Case
Discussions

Moderator: Brian Parsley

Vanguard AP ACL Preserving TKA Training Program Miami, FL
November 12-13, 2015

Presenter: The Role of ACL

Presenter: XP-B-Cruciate TKA Surgical Technique

Live Surgeon Demonstration: Jeffrey H. DeClaire M.D.

American Association of Knee and Hip Surgeons (AAHKS) Dallas,
TX November 5-6, 2015

Poster Presentation: Early Clinical Experience of Bi-Cruciate TKA
**Orthopedic Surgery Educational Conference/MSU Management
Education Center** Troy, MI August 12-2015

Presenter: Adult Joint

Vanguard XP ACL Preserving TKA International Training Program
Kobe, Japan May 23, 2015

Program Chairman: Jeffrey H. DeClaire, M.D.

Presenter: The XP Knee

Presenter: XP Bicruciate TKA Surgical Technique

Live Surgeon Demonstration: Jeffrey H. DeClaire, M.D.

Mid-America Orthopaedic Association 2015 Hilton Head Island, SC
April 23-25, 2015

Symposium Presentation: Medial Uni Update 2015

Podium Presentation: Early Experience with Bi-Cruciate Retaining
TKA

PRESENTATIONS/FACULTY
APPOINTMENTS
(CONTINUED)

World Arthroplasty Congress 2012 Paris, France April 14-16, 2015

Podium Presentation: Early Clinical Experience with Bi-Cruciate-Retaining TKA

Poster Presentation: Patient Specific Instrumentation Fixed-Bearing Uni-Compartmental Knee Arthroplasty: Early Clinical Results

Total Knee Arthroplasty in the Morbidly Obese Patient: Early Clinical Results Using a Rapid Recovery Program

American Academy of Orthopaedic Surgeons 2015 Las Vegas, NV
March 14-21, 2015

Poster Presentation: Early Experience of Bi-Cruciate Total Knee Arthroplasty

Vanguard XP ACL Preserving TKA International Training Program
Mulheim, Germany February 21-26, 2015

Program Chairman: Jeffrey H. DeClaire, M.D.

Presenter: The Role of the ACL

Presenter: XP Bicruciate TKA Surgical Technique

Live Surgeon Demonstration: Jeffrey H. DeClaire, M.D.

Moderator: William Jackson, M.D.

Moderator: Andrew Price, M.D.

Vanguard XP ACL Preserving TKA Training Program Chicago, IL
January 29-30, 2015

Presenter: The Role of the ACL

Presenter: XP Bi-Cruciate TKA Surgical Technique

Live Surgeon Demonstration: Jeffrey H. DeClaire M.D.

Moderator: Chris Cannova, M.D.

International Congress for Joint Reconstruction Live Surgery

Presentation Palm Springs, CA December 4, 2014

Surgery Performed: Vanguard XP Bi-Cruciate Total Knee Arthroplasty

Surgeon: Jeffrey H. DeClaire M.D.

Moderator: John Barrington, M.D.

American Association of Knee and Hip Surgeons (AAHKA) Dallas,
TX November 6-8, 2014

Poster Presentation: Early Clinical Experience of Bi-Cruciate TKA

AAOS Instructional Course: Total Knee Arthroplasty Chicago, IL
October 9-11, 2014

Podium Presentation: Bi-Cruciate Total Knee Arthroplasty

ISK-International Congress in Total Joint Arthroplasty New York City, NY October 4-5, 2014

Presenter: Lateral UKA is Different Than Medial UKA

Presenter: Patella-femoral Joint Replacement: Indications and Outcomes

Presenter: Patient Specific Instrumentation in UKA

Presenter: Bilateral TKA: What is the Current Indication

Vanguard XP ACL Preserving TKA International raining Program

Vienna Austria August 31-September 3, 2014

Program Chairman: Jeffrey H. DeClaire M.D.

Presenter: The Role of the ACL

Presenter: XP Bi-Cruciate TKA Surgical Technique

Live Surgeon Demonstration: Jeffrey H. DeClaire, M.D.

Moderator: William Jackson, M.D.

Vanguard XP ACL preserving TKA Surgeon Training Program

Faculty for Cadaver Surgeon Training Program Las Vegas, NV

August 21-22, 2014

Podium Presentation: XP Bi-Cruciate TKA: Surgical Technique

Live Demonstration: Jeffrey H. DeClaire, M.D.

Vanguard XP ACL Preserving TKA Surgeon Training Program

Faculty for Cadaver Surgeon Training Program Chicago, IL July 10-

11, 2014

Podium Presentation: Modern Cementing Technique: Creating a Solid Foundation

Podium Presentation: XP Bi-Cruciate TKA: Surgical Technique

Vanguard XP ACL Preserving TKA Surgeon Training Program

Faculty for Cadaver Surgeon Training Program Tampa, FL June 26-

27, 2014

Podium Presentation: Modern Cementing Technique: Creating a solid foundation

Podium Presentation: XP Bi-Cruciate TKA: Surgical Technique

CCJR- Mastering Soft Tissue Balancing Techniques in TKA Las

Vegas, NV May 19-20, 2014

Faculty: Cadaver training: Soft tissue balancing techniques using Orthosensor technology

PRESENTATIONS/FACULTY
APPOINTMENTS
(CONTINUED)

Mid America Orthopaedic Association San Antonio, TX April 23-27, 2014

Moderator: Advances in Total Knee Arthroplasty

Podium Presentation: Pre-Operative in the 80-YearOld and Older Patient Population

Poster Presentation: Patient-Specific Instrumentation in Fixed-Bearing Uni-Compartmental Knee Arthroplasty: Early Clinical Result

International Society of Technology in Arthroplasty Palm Beach, FL October 17-19, 2013

Presenter: Pre-Operative Selection Criteria for Simultaneous Bilateral Total Knee Arthroplasty

Poster Presentation: Improved Accuracy of Alignment With Patient-Specific Positioning Guides Compared with Manual Instrumentation in TKA

Advances in Hip, Knee and Shoulder Arthroplasty Scottsdale, AZ September 26-27, 2013

Course Chairman: Jeffrey H. DeClaire, M.D.

Presenter: Mobile UKA: Tips and Techniques

Presenter: The Importance of Alignment in TKA

Presenter: Surgical Exposure and Component Removal in Revision TKA

ICJR, Modern Trends in Joint Replacement Palm Springs, CA September 19-21, 2013

Presenter: The Treatment of the Varus Knee: Total Knee Arthroplasty

Presenter: Knee DJD-The Valgus Knee

Presenter: Full Length Surgical Presentation: How to Balance the Valgus Knee

Presenter: Patient Management-Persistent Wound Drainage

Michigan Orthopedic Society Mackinac Island, MI June 21-22, 2013

Poster Presentation: TKA in the 80-Year-Old and Older Age Group

ICJR, Fukuoka, Japan April 12-13, 2013

Presenter: Cruciate Sacrifice TKA: The importance of Ligament Balance and Stability

Japan International Education Program, Tokyo University April 11-17, 2013

Presenter: Patient Specific TKA: Techniques and Outcomes

PRESENTATIONS/FACULTY
APPOINTMENTS
(CONTINUED)

American Academy of Orthopaedic Surgeons Chicago, IL March 19-23, 2013

Moderator/Presenter: Unicompartmental Knee Arthroscopy Utilizing Patient Specific Instrumentation

Korean Surgeon Visitation and Training Rochester, MI February 26-27, 2013

Presenter: Primary Total Knee Arthroplasty

Presenter: Revision Total Knee Arthroplasty

American Osteopathic Association Resident Education

Symposium Michigan State University Education Center Troy, MI December 12, 2012

Presenter: Total knee Arthroplasty Using Patient Specific Instrumentation

Controversies in Partial Knee Arthroplasty (CIPKA) Garden City, MI June 1-2, 2012

Moderator: Patellofemoral Arthroplasty

Presenter: Onlay Technique for Patellofemoral Arthroplasty: Only Way to Go

Mid-America Orthopaedic Association Bonita Spring, FL April 18-22, 2012

Presenter: Total Knee Arthroplasty in the Morbid Obese Patient: A Prospective Review of Early Clinical Outcomes Using a Rapid Recovery Program

Asia International Surgeon Visitation and training involving a lecture series on total knee arthroplasty, and performing live surgery in Korea, Malaysia and China. Countries visited: Seoul, Korea, China, Kuala Lumpur, Malaysia. March 24-30, 2012

Advances in Hip and Knee Arthroscopy Charlotte, NC March 15-16, 2012

Presenter: Patellofemoral Replacement: Indication and Technique

Presenter: Flexion Instability: Prevention, Diagnosis and Technique

Presenter: Modular Implants with a Microplasty Tray and Highly Cross-linked Antioxidant Polyethylene

Presenter: Surgical Exposure Options in Revision TKA

Japan International Training Program Rochester, MI December 5, 2011

Presenter: Minimally Invasive Signature Total Knee Replacement

3rd Annual Modern Trends in Joint Replacement Palm Springs, CA
November 9-11, 2012

Presenter: A Lateral Uni is different

Presenter: 35- Year History of Mobile Bearing UKA

Presenter: Patellofemoral Joint Replacement

Chilean International Training Program Rochester, MI June 27,
2011

Presenter: Minimally Invasive Signature Total Knee Replacement

Michigan Orthopaedic Society 2011 Annual meeting Mackinac
Island, MI June 24-26, 2011

Presenter: Improved Accuracy of Alignment with Patient Specific
Positioning Guides Compared to Manual Instrumentation in TKA

Poster Presentation: Golfing, Skating and Motorcycling after
Unicompartmental and Total Knee Arthroplasty

**5th Annual Contemporary Issues in Partial Knee Arthroplasty
(CIPKA)** Dublin, OH June 3-5, 2011

Presenter: Onlay Technique for PFA: The Only way to Go!

Presenter: Conversion of PFA to TKA: Clinical Results and Techniques

Presenter: How to Perform Mobile Bearing UKA Without a Leg Holder

Presenter: Postop Rehabilitation Protocol for the Uni Patient and
Recommended Activity Level

**American Osteopathic Academy of Orthopedics 2011 Annual
Meeting** Scottsdale, AZ May 13-15, 2011

Presenter: Custom Guide for Primary Total Knee Arthroplasty

Japan International Training Program Tokyo, Japan February 21-25,
2011

Presenter: Minimally Invasive Total Knee Replacement

Japan International Training Program Rochester, MI August 2, 2010

Presenter: Minimally Invasive Total Knee Replacement

Michigan Orthopaedics Society 2010 Annual Meeting Mackinac Island, MI June 18-20, 2010

Presenter: Total Knee Arthroplasty and the Morbidly Obesity Patient: A Prospective Review of Early Clinical Outcomes Using a Rapid Recovery Program

4th Annual Contemporary Issues In Partial Knee Arthroplasty New Albany, OH June 4-6, 2010

Presenter: Patella-Femoral Arthroplasty-Onlay Technique & Results

Presenter: The Lateral UKA: Better than Medical

Presenter: Onlay-Patella-Femoral Arthroplasty

New Zealand and and Australian International Training Program Auckland, New Zealand and Sydney, Australia May 8-12, 2010

Presenter: Minimally Invasive Total Knee Replacement

Presenter: Recent Advances in PFR

Australia Orthopaedic Association Annual Meeting 2010 Sydney, Australia May 5-7, 2010

Presenter: Is there a Difference in Modern TKA Designs Relevant to Outcomes?

Presenter: The Role of Navigation/Patient Specific Guides in Revision TKA

Presenter: The Multiply Operated Knee: Algorithm for Management

Presenter: Design Rationale for Modern Patellofemoral Arthroplasty

Presenter: MIS-Quad Sparing TKA

Japan International Training Program Rochester, MI April 19, 2010

Presenter: Minimally Invasive Signature Total Knee Replacement

OR Live with Crittenton Hospital Medical Center Rochester, MI November 11, 2009

Simulcast presentation of a live surgical procedure of Minimally Invasive Signature Total Knee Replacement

Surgeon: Jeffrey H DeClaire M.D.

3rd Annual Contemporary Issues in Partial Knee Arthroplasty New Albany, OH October 16-18, 2009

PRESENTATIONS/FACULTY
APPOINTMENTS
(CONTINUED)

Presenter: Recent Advances in PFR

Presenter: Patella-Femoral Joint Arthroplasty

Japan International Training Program Rochester Hills, MI June 4,
2009

Presenter: Minimally Invasive Signature Total Knee Replacement

Older Persons Commission Community Lecture Rochester Hills, MI
May 20, 2009

Presenter: Minimally Invasive Signature Total Knee Replacement

Japan International Training Program Rochester Hills, MI April 6,
2009

Presenter: Minimally Invasive Signature Total Knee Replacement
