

## Curriculum Vitae: Thomas M. Matelic, M.D.

### Specialty

Sports Medicine  
Reconstructive Surgery  
Arthroscopy

### Education

#### Undergraduate:

Princeton University, Princeton, NJ B.A., 1985

#### Medical:

Wayne State University Medical School, Detroit, MI M.D., 1989

### Training

#### Internship:

Wayne State University, Detroit, MI General Surgery Internship  
1989 – 1990

#### Residency:

Wayne State University, Detroit, MI Orthopaedic Surgery Residency 1990-1994

#### Fellowship:

Wayne State University/ Detroit Medical Center, Detroit, MI  
Orthopaedic Sports Medicine Fellowship 1994-1995

**Private Practice of Orthopaedic Surgery** 8/1995 - present  
Orthopaedic Associates of Michigan, P.C.

### Board Certification

National Board of Medical Examiners  
American Board of Orthopaedic Surgeons, July 1997 Recertified January 2008, 2018  
American Board of Orthopaedic Surgery  
Subspecialty-Certificate in Orthopaedic Sports Medicine, November 2007, Recertified 2017

### Academic Positions

Program Director, University of Michigan Health-West Orthopaedic Surgery Residency, 2017 – present  
Clinical Faculty, University of Michigan Health-West Orthopaedic Surgery Residency Program,  
2014 – present  
Clinical Assistant Professor, MSU College of Osteopathic Medicine, August 2015 - present  
Assistant Clinic Professor, MSU College of Human Medicine, April 1998 – present  
Clinical Instructor, Orthopaedic Surgery WSU School of Medicine, July 1, 1994 – 1997  
Clinical Instructor, MSU College of Human Medicine, 1996 – 1998  
Clinical Instructor/Lecturer, GVSU P.A. Program, Fall 1996 - Fall 2002  
Guest Professor, Aquinas College, Grand Rapids, Lecturer on Sports Medicine injuries, 2005-2018  
Director of Sports Medicine Residency Curriculum for the GRMEP Orthopaedic Surgery, 2008-2013



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### **Honors and Awards**

Program Director – Orthopaedic Surgery Residency – University of Michigan Health-West, 2017  
Herbert E. Pedersen – Outstanding Orthopaedic Resident Award, 1993-1994  
Cornerstone University Athletics Hall of Honor Inductee, 2013-2014  
Grand Rapids Magazine Top Doc’s Award Winner, 2019, 2020, 2021, 2022  
American Orthopedic Society for Sports Medicine Council of Delegates, Michigan Representative

### **Memberships**

Michigan Orthopaedic Society  
Kent County Medical Society  
Michigan State Medical Society  
Wayne State University Medical Alumni Association  
Princeton University Alumni Association  
American Academy of Orthopaedic Surgeons  
American Orthopaedic Society for Sports Medicine  
Mid America Orthopaedic Association

### **Hospital Affiliations**

University of Michigan Health-West – Wyoming, Michigan  
Spectrum Health Hospitals – Grand Rapids, Michigan  
Mercy Health St. Mary’s - Grand Rapids, Michigan  
Mary Free Bed Rehabilitation Hospital – Grand Rapids, Michigan

### **Research Experience**

Research Assistant, WSU Dept. of Occupational Medicine  
Asbestos Exposure in Industrial Occupations 1989  
Research Assistant, WSU Dept. of Bioengineering 1989

### **Team Physician**

Grand Rapids Griffins (AHL), 1996 - present  
Cornerstone University, 1995 - present  
Davenport University, 2002 - 2015  
Forest Hills Central High School, 2005 – present  
Northview High School, 1995 – 2005, 2019 - present  
Caledonia High School, 2019 - present  
Grand Rapids Catholic Central High School, 2011 – 2015  
Grand Rapids Drive (NBA Development League), 2014 - 2021  
Grand Rapids Rampage (AFL), 1998-2008

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### Publications

Matelic, T.M., Manoli II, A.: Closed Degloving Injury of the Fifth Toe: A Case Report. *The Journal of Orthopaedic Trauma*, 8(3):265-266, 1994.

Matelic, T.M., Stanitski, C.L.: Operative Treatment of Osteochondritis Dissecans In Situ By Retrograde Pinning, a Preliminary Report. *Journal of Orthopaedic Techniques*, 3(1):17-24, 1995.

Matelic, T.M., Aronsson, D.D., Boyd, D.W., Jr., LaMont, R.L.: Acute Hemarthrosis of the Knee in Children. *The American Journal of Sports Medicine*, 23(6):668-671, 1995.

Teitge, R.A., Faerber, W., Des Madryl, P., Matelic, T.M.: Stress Radiographs of the Patellofemoral Joint. *The Journal of Bone and Joint Surgery*, 78A:1 93-203, 1996.

Matelic, T.M., Monroe, M.T., Mast, J.W.: The Use of Endosteal Substitution in the Treatment of Recalcitrant Nonunions of the Femur. *The Journal of Orthopaedic Trauma*, 10(1):1-6, 1996.

Brandenburg SR, Matelic T.M.: Loss of Internal Tibial Rotation After Anterior Cruciate Ligament Reconstruction Orthopedics. 2018 Jan 1;41(1):e22-e26. doi: 10.3928/01477447-20171106-03. Epub 2017 Nov 14.

O'Neil S, Danielson K, Johnson K, Matelic T. ON-Q Infusion Pump Linked to Increased Hospital Stay after Total Knee Arthroplasty. *J Orthop*. 2018;15(2):666-670. Published 2018 May 8. doi:10.1016/j.jor.2018.05.043

Hall T, Danielson K, Brandenburg S, Matelic T.: A Case Series of Recurrent Myotendinous Rotator Cuff Tears Repaired and Augmented with Dermal Allograft: Clinical Outcomes at Two Years. *Journal of Shoulder and Elbow Surgery*. 2020 Jun 9:S1058-2746 (20) 30281-0. doi: 10.1016/j.jse.2020.03.021

Perry S, Matelic T, Beyer S. Direct On-Lay Repair of Isolated Pediatric Lateral Collateral Ligament Knee Injury with Biceps Femoris Tendon Rotation Graft Augmentation: A Case Report. *The Journal of Bone and Joint Surgery Case Connect*, 2022 Jan, 26; 12(1).

### Abstracts

Teitge, R.A., Matelic, T.M., Faerber, W., Des Madryl, P.: Radiographic Analysis of Patellofemoral Instability. *Orthopaedic Transactions*, 17(3):606, 1993.

Dekutoski, M.B., Yang, K.A., Thomson, G., Matelic, T.M., Gross, M.L., DeSilva, S.: Biomechanical Evaluation of Distal Radius Fractures: A Dynamic Impact Model. *Orthopaedic Transactions*, 16(1):51, 1992.

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### **Presentations**

Acute Hemarthrosis of the Knee in Children. Matelic, T.M., Aronsson, D.D., Boyd, Jr., D.W., LaMont, R.L. Michigan Orthopaedic Society Annual Meeting, Shanty Creek, MI, June 1991.

Acute Hemarthrosis of the Knee in Children. Matelic, T.M., Aronsson, D.D., Boyd, D.W., Jr., LaMont, R.L.

Poster - American Academy of Orthopaedic Surgeons Meeting, Washington, D.C., February 1992.

Acute Hemarthrosis of the Knee in Children. Matelic, T.M., Aronsson, D.D., Boyd, D.W., Jr., LaMont, R.L. Mid-America Orthopaedic Society Meeting, Orlando, FL, April 1992.

Radiographic Analysis of Patellofemoral Instability: Teitge, R.A., Faerberg, W., Des Madryl, P., Matelic, T.M. Michigan Orthopaedic Society Meeting, Mackinac Island, MI, June 1992.

Radiographic Analysis of Patellofemoral Instability: Teitge, R.A., Faerberg, W., Des Madryl, P., Matelic, T.M. American Orthopaedic Association Residents' Conference, Seattle, WA, March 1993.

Radiographic Analysis of Patellofemoral Instability: Teitge, R.A., Faerberg, W., Des Madryl, P., Matelic, T.M. Mid-America Orthopaedic Society Meeting, Hilton Head Island, SC, May 1993.

The Use of Endosteal Substitution in the Treatment of Recalcitrant Nonunions of the Femur. Matelic, T.M., Monroe, M.T., Mast, J.W. Michigan Orthopaedic Society Meeting, Mackinac Island, MI, June, 1994.

The Use of Endosteal Substitution in the Treatment of Recalcitrant Nonunions of the Femur. Matelic, T.M., Monroe, M.T., Mast, J.W. Herbert E. Pedersen Memorial Lectureship, Detroit, MI, September 1994.

Retrograde Fixation of Osteochondritis Dissecans of the Knee, A Preliminary Report. Stanitski, C.L., Matelic, T.M. American Academy of Orthopaedic Surgeons Meeting, Orlando, FL, February 1995.

Anterior Knee Pain and Rotational Abnormalities of the Lower Limbs. Matelic, T.M., Chadha, H.S., Lee, F.S., Teitge, R.A. Michigan Orthopaedic Society Meeting, Traverse City, MI, June 1995.

The Scapular Drawer Test for Diagnosing Chronic Acromioclavicular Instability. Matelic, T.M., Sylvain, G.M., Teitge, R.A., Herbert E. Pedersen Memorial Lectureship, Detroit, MI, October 1995.

Achilles Tendon Injuries. Matelic, T.M. Grand Rapids Residency Program Grand Rounds, Blodgett Memorial Medical Center, Grand Rapids, MI, November 1995.

The Shoulder: Anatomy, Physical Examination and Diagnosis of Common Disorders. Matelic, T.M. Grand Rapids Orthopaedic Residency Program Grand Rounds, St. Mary's Hospital, Grand Rapids, MI, July 1996.

Sports Medicine - Basic Science and Common Injuries. National Association of Orthopaedic Nurses, Grand Rapids MI, September 1996.

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### **Presentations (continued)**

Ankle Fractures. Matelic, T.M. Grand Rapids Orthopaedic Residency Program Grand Rounds, St. Mary's Hospital, Grand Rapids, MI, January 1997.

Evaluation of Head and Neck Injuries in Sports. Matelic, T.M., Butterworth Regional Sports Seminar, Grand Rapids, MI, April 1997.

Sports Medicine - Basic Science and Common Injuries. Matelic, T.M., National Association of Orthopaedic Nurses, Butterworth Hospital, Grand Rapids, MI, March 1998.

Achilles Tendon Injuries. Matelic, T.M., Grand Rapids Orthopaedic Residency Program, Grand Rounds, Butterworth Hospital, Grand Rapids, MI, April 1998.

Evaluation of the Acutely Injured Knee. Matelic, T.M., Butterworth Regional Sports Seminar. Grand Rapids, MI, April 1998.

Moderator; Sports Medicine Section of Michigan Orthopaedic Society Annual Meeting, Mackinac Island, MI, June 1998.

Scapulothoracic Dissociation: A Case Presentation. Theut, P., Matelic, T.M.: Poster - Michigan Orthopaedic Society Annual Meeting, Mackinac Island, MI, June 1998.

Injuries About The Elbow In Athletes. Matelic, T.M.: Grand Rapids Orthopaedic Residency Program, Spectrum Health, Grand Rapids, MI, November 1998.

Moderator; Spectrum 3rd Annual Regional Sports Medicine Seminar, Upper Extremity Injuries. Grand Rapids, MI, March 1999.

Impingement Syndrome and Rotator Cuff Disorders. Matelic, T.M.: Spectrum 3rd Annual Regional Sports Medicine Seminar, Grand Rapids, MI, March 1999.

Osteotomies for Gonarthrosis. Matelic, T.M., Grand Rapids Orthopaedic Residency Program, Spectrum Health, Grand Rapids, MI, April 1999, 2001, 2003.

Sleeve Fracture of the Superior Pole of the Patella. Matelic, T.M., Alfandre, J.: A case report poster, Michigan Orthopaedic Society Annual Meeting, Traverse City, MI, June 1999.

Faculty and Lab Instructor, Biomet Seminar, Meeting for ACL Reconstruction, AAOS Learning Center, Rosemont, IL, Fall 1999, Spring 2001, Spring 2003.

Evaluation of the Shoulder. Matelic, T.M., Statewide Campus System Division of Family Medicine, Annual Educational Conference, East Lansing, MI, February 2000.

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### **Presentations (continued)**

Evaluation of the Female Athlete. Matelic, T.M., Grand Rounds, Department of Pediatrics, Spectrum Health, Grand Rapids, MI, February 2000.

ACL Injuries in Female Athletes, Matelic, T.M., Spectrum 4th Annual Regional Sports Medicine Seminar, March 2000.

Faculty, American College of Sports Medicine, Midwest Regional Chapter, Annual Meeting, Grand Rapids, MI, October 2000.

The uses of an indwelling catheter to treat post operative pain after open shoulder surgery. Jabara, M., Matelic, T.M., Michigan Orthopaedic Society Annual Meeting, Traverse City, MI, June 2001.

Postoperative Pain Management in Major Shoulder Surgery Using an Indwelling Shoulder Catheter. Jabara, M., Matelic, T.M., 2002 MOS Summer Meeting, Mackinaw Island, MI.

Heterotopic Ossification of the Distal Clavicle after Traumatic Separation of the AC joint. Lenters, T., Matelic, T.M., 2003 MOS Summer Meeting, Traverse City, MI.

An Anatomic Approach to Surgical Repair for Lateral Instability of the Patella. Matelic, T.M., 2003 MOS Fall Meeting, Lansing, MI.

Advances in the Management of the Unstable Glenohumeral Joint; Implications for Rehabilitation. Hope College Distinguished Lecture Series in Sports Medicine, Grand Rapids, MI, February 2004.

Cavus Foot and A Radiographic Analysis of Jones' Fracture. Hammerstein, J., Matelic, T.M., 2004 MOS Annual Meeting, Mackinac Island, MI.

Heterotopic Ossification of the Distal Clavicle After Traumatic Separation of the AC Joint. J. Cornelius, Lenters, T., Matelic, T.M. -2006 Annual Meeting of the Mid-American Orthopaedic Society, San Antonio, Texas.

Rotator Cuff Injuries, symposium on Repair Techniques. Grand Rapids Area Orthopaedic Residency, Grand Rounds. March 19, 2008.

Moderator, Organizer, and Speaker. Grand Rapids Medical Education and Research Center. Orthopaedic Residency Grand Rounds. Sports Medicine Month. May, 2008.

Speaker. Spectrum Health Community Education Seminar. ACL Tears in Female Athletes. February 22, 2009.

Moderator and Organizer, Grand Rapids Medical Education and Research Center, Orthopaedic Residency, Grand Rounds. Sports Medicine Month. May, 2009.

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### **Presentations (continued)**

Speaker, Grand Rapids Medical Education and Research Center, Orthopaedic Residency Grand Rounds. The History of ACL Reconstructions. May, 2009.

Speaker. Grand Rapids Medical Education and Research Center. Orthopaedic Grand Rounds. Mini Open Rotator Cuff Repairs. September, 2009.

Speaker. Hope College Distinguished Lecture Series in Sports Medicine. Patellar Instability= Evaluation and Treatment. March, 1, 2010.

Speaker. Michigan Orthopaedic Society Annual Meeting. The Patellofemoral Joint-What's New?. Mackinac Island, MI. June 2010.

Speaker, West Michigan Regional Athletic Trainers Conference, Common Lacrosse Injuries, May 2013.

Speaker, Grand Rapids Medical Education and Research Center Orthopaedic Grand Rounds. Corrective Osteotomies About the Knee, May 2014.

Loss of Internal Rotation after "Anatomic" ACL Reconstruction. Brandenburg, S., Matelic, T.M., Poster Michigan Orthopaedic Society Annual Meeting Mackinac Island, MI. June, 2015.

Shoulder and Elbow Injuries in the Immature Athlete. Presentation. Adolescent Sports Medicine Symposium. Michigan Orthopaedic Society Annual Meeting. Mackinac Island, MI. June, 2015.

Moderator: Mid-America Orthopaedic Association Annual Meeting, Sports Medicine / Shoulder Educational Session, Bonita Springs, Florida: April 2016

Course Instructor, Arthrex Regional Knee Course; Grand Rapids, MI: May 7, 2016

Presentation: "Advances in Meniscus Repair"

Presentation: "Biologic Algorithm for Articular Cartilage Restoration"

A Case Series Review of Recurrent Medial Myotendinous Rotator Cuff Tears Repaired with Dermal Allograft Augmentation: Brandenburg, S., Danielson, K., Matelic, T.M., Vasilef, C., Nowatzke, R, Walker, L.; Michigan Orthopaedic Society 2017 Poster Presentation – Shoulder – Mackinac Island, MI June, 2017.

A Retrospective Review of Immediate Postoperative Pain Control with Total Knee Arthroplasty, Danielson, K., O'Neil, S., Brandenburg, S., Schwab, W., Johnson, K., Matelic, T.M. Michigan Orthopaedic Society 2017 Poster Presentation – Mackinac Island, MI, June, 2017.

Knee Dislocation and Limb Salvage – Presented at Metro Health University of Michigan Health Grand Rounds, Wyoming, MI, December 2019.

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### **Presentations (continued)**

Moderator, Michigan State Statewide Campus System, Orthopaedic Surgery Residencies Sports Medicine Month, Troy, MI, December 2019, December 2020.

Moderator, Mid-American Orthopaedic Association Annual Meeting, Sports Medicine/Knee Educational Seminar, Amelia Island, FL, September 2021.

Speaker, Open Bankart Repair: A Lost Art, Grand Rapids Medical Education Grand Rounds, Spectrum Health Blodgett Hospital, March 2022.

MSU Statewide Campus System Orthopedic Surgery Residencies, Lead Moderator, Sports Medicine Grand Rounds, December 2022

Meniscus Repair and Transplantation, Speaker, MSU Statewide Campus System Orthopedic Surgery Residencies, Sports Medicine Grand Rounds, December 2022

Shoulder Injuries in the Young Athlete, Speaker, Corewell Health Orthopaedic Grand Rounds, Grand Rapids, Michigan, May 3, 2023