

CURRICULUM VITAE

Joseph Michael Schwab MD

Assistant Professor
Department of Orthopaedic Surgery

HOME ADDRESS:

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EDUCATION:

09/01/1995 - 06/01/1999 BA, Northwestern University, Evanston, IL
08/01/2002 - 06/01/2006 MD, Medical College of Wisconsin, Milwaukee, WI

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/01/2006 - 06/30/2011 Residency, Department of Orthopaedic Surgery, Medical College of Wisconsin
Affiliated Hospitals, 8701 Watertown Plank Road, Milwaukee, WI 53226
08/01/2011 - 07/31/2012 Fellowship in Hip Preservation and Reconstruction, Department of Orthopaedic
Surgery, Inselspital, University of Bern, Inselspital, Freiburgstrasse, 3010 Bern, Switzerland
09/01/2013 - 06/01/2015 Clinical Research Scholars Program, Clinical & Translational Science Institute of
Southeastern Wisconsin, Medical College of Wisconsin, 8701 Watertown Plank Road, Suite H2800,
Milwaukee, WI 53226
2017 - 2018 Medical College of Wisconsin Leadership Academy, Medical College of Wisconsin &
University of Wisconsin-Milwaukee (UWM) Sheldon B. Lubar School of Business, Milwaukee, WI
2019 Participant - Inaugural Cohort, AOA-APEX Leadership Course, American Orthopaedic Association

FACULTY APPOINTMENTS:

09/01/2012 - Present Assistant Professor, Department of Orthopaedic Surgery, Hip Preservation and
Reconstruction, Medical College of Wisconsin

ADMINISTRATIVE APPOINTMENTS:

02/2019 - Present Community Vice Chair, Department of Orthopaedic Surgery, Froedtert & the Medical
College of Wisconsin
10/19/2020 - Present Interim Senior Medical Director of Ambulatory Services, Froedtert Hospital

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

04/2017 - Present Community Memorial Hospital Site Medical Director, Musculoskeletal Service Line,
Froedtert Health, Milwaukee, WI 53226
04/2017 - Present Medical Director, Fragility Fracture Program, Musculoskeletal Service Line, Froedtert
Health, Milwaukee, WI 53226
04/2017 - Present Lead Medical Director of MSK Service Line Programs, Musculoskeletal Service Line,
Froedtert Health, Milwaukee, WI 53226

04/2017 - Present Director of Clinical Innovation, Musculoskeletal Service Line, Froedtert Health, Milwaukee, WI 53226
01/01/2019 - Present Neuro-Musculoskeletal Clinical Services Unit Medical Director, Community Memorial Hospital, Menomonee Falls, WI

HOSPITAL STAFF PRIVILEGES:

09/01/2012 - Present Staff Surgeon, Orthopaedic Surgery, Children's Hospital of Wisconsin, 9000 W. Wisconsin Avenue, Milwaukee, WI 53226
09/01/2012 - Present Staff Surgeon, Orthopaedic Surgery, Froedtert Hospital, 9200 W. Wisconsin Ave, Milwaukee, WI 53226
09/01/2012 - Present Staff Surgeon, Orthopaedic Surgery, Froedtert Surgery Center, 840 N 87th St, Milwaukee, WI 53226
02/01/2014 - Present Staff Surgeon, Orthopaedic Surgery, Community Memorial Hospital, W180 N8085 Town Hall Rd, Menomonee Falls, WI 53051
07/01/2018 - Present Active Staff, St. Joseph's Hospital, 3200 Pleasant Valley Road, West Bend, WI 53095

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
Diplomate of the American Board of Orthopaedic Surgery	07/24/2014	12/31/2024

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Wisconsin	50681-20	07/23/2007	10/31/2023

AWARDS AND HONORS:

2005 Joseph F. Kuzma Award for Student Leadership
2009 Best Orthopaedic Teaching Resident, Journal of Orthopaedic Trauma
2010 - 2011 Administrative Chief Resident, Department of Orthopaedic Surgery, Medical College of Wisconsin
08/01/2011 - 07/31/2012 European Fellowship in Hip Reconstruction, Maurice E. Müller Foundation of North America
08/29/2016 - 09/16/2016 British Traveling Fellowship, The Hip Society
2017 - 2020 Best Doctors in America, Best Doctors, Inc.
2017 Thomas L. Smallwood Award for Patient Care Excellence (Nominee), Froedtert & the Medical College of Wisconsin

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

2006 - Present Wisconsin Orthopaedic Society (Member)
2006 - Present American Academy of Orthopaedic Surgeons (Fellow)
01/01/2013 - 09/01/2018 Milwaukee Orthopaedic Society (President)
06/25/2014 - Present Orthopaedic Research Society
07/01/2014 - Present American Association of Hip & Knee Surgeons
06/28/2016 - 07/01/2021 American Orthopaedic Association (Emerging Leaders Program)
06/2017 - Present Anterior Hip Foundation (Board Member; Annual Meeting Program Chair (2018, 2019))
09/01/2018 - Present Milwaukee Orthopaedic Society (Past President)
07/01/2021 - Present American Orthopaedic Association (Fellow)

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Journal Review
07/15/2013 - Present Journal of Surgical Education
11/01/2015 - Present The Journal of Arthroplasty
09/16/2016 - Present The Bone & Joint Journal (Formerly JBJS-Br)

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

06/2017 - 06/2018 Member, Appropriate Use Criteria Voting Panel for Management of Osteoarthritis of the Hip, American Academy of Orthopaedic Surgeons
06/2017 - Present Member, Annual Meeting Committee, Anterior Hip Foundation
03/2018 - 04/2018 2nd Annual Meeting Co-Chair, Annual Meeting Committee, Anterior Hip Foundation
04/2018 - 04/2019 3rd Annual Meeting Co-Chair, Annual Meeting Committee, Anterior Hip Foundation
10/19/2018 - Present Board Member, Anterior Approach Faculty Advisory Board, DePuySynthes - Johnson & Johnson

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Schwab JM, Open Treatment of Adult Hip Disease, Milwaukee Orthopaedic Society, 11/27/2012
Schwab JM, The Acetabular Labrum: What do we REALLY know?, Grand Rounds, Department of Orthopaedic Surgery, 05/22/2013

Regional

Course Faculty, Table Instructor, Operating Room Personnel Advanced AO Trauma Course, 10/26/2012 - 10/27/2012
Schwab JM, Indications for Open Hip Preservation Surgery, Wisconsin Orthopedic Society - Annual Meeting, Milwaukee, WI, 10/09/2015
Schwab JM, Introduction to Hip Preservation, 22nd Annual Orthopaedic Nursing Conference Northeast Wisconsin Chapter of NAON, Green Bay, WI, 02/11/2016
Schwab JM, Anterior Approach Total Hip Replacement, Wisconsin Orthopaedic Society Annual Meeting, Milwaukee, WI, 10/20/2017

National

Schwab JM, Preoperative Preparation, Anterior Approach Total Hip Arthroplasty for Traumatologists - DePuy Synthes, Seattle, WA, 08/19/2016
Schwab JM, Preoperative Preparation, Anterior Approach Total Hip Arthroplasty - DePuy Synthes, Park Ridge, IL, 05/18/2017 - 05/19/2017
Schwab JM, Preoperative Preparation, Anterior Approach Total Hip Arthroplasty - DePuy Synthes, Atlanta, GA, 08/18/2017
Schwab JM, Preoperative Preparation; Anterior Approach Applications & Multi-Center Study Results, Anterior Approach Total Hip Arthroplasty - DePuy Synthes, Park Ridge, IL, 09/28/2017 - 09/29/2017
Schwab JM, Optimizing Femoral Exposure, Anterior Approach Total Hip Arthroplasty - DePuy Synthes, Park Ridge, IL, 11/17/2017
Schwab JM, Preoperative Preparation, Anterior Approach Total Hip Arthroplasty - DePuy Synthes, Palm Beach Gardens, FL, 01/26/2018
Schwab JM, Preoperative Preparation; Optimizing Femoral Exposure, Anterior Approach Total Hip Arthroplasty-DePuy Synthes, Aurora, CO, 08/23/2018 - 08/24/2018
Schwab JM, Why the Anterior Approach is my Preferred Surgical Technique, Anterior Approach Total Hip Arthroplasty-DePuy Synthes, Houston, TX, 10/19/2018
Schwab JM, Optimizing Femoral Exposure, Total Hip Arthroplasty, Palm Beach Gardens, FL, 02/01/2019
Schwab JM, The Fairly-Odd Couple: Perspectives from an "Unconventional" Mentor/Mentee Relationship, ACGME Annual Conference, Orlando, FL, 03/09/2019
Schwab JM, Soft Tissue Exposure/Dissection, Total Hip Arthroplasty, Atlanta, GA, 06/13/2019 - 06/14/2019
Schwab JM, Acetabular Retroversion, AANA/ISHA Combined Meeting, Rosemont, IL, 06/23/2019
Schwab JM, Femoral Neck Cut & Head Removal, Anterior Total Hip Arthroplasty, Aurora, CO, 08/23/2019 - 08/24/2019
Schwab JM, Femoral Releases & Position for Acetabular Exposure, Anterior Total Hip Arthroplasty, Austin, TX, 02/28/2020

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

National

Moritz Tannast MD, Joseph M. Schwab MD, Joel M. Matta MD, Acetabular Fractures in the Elderly: 20-year Survivorship and Predictive Factors (Poster Presentation), American Academy of Orthopaedic Surgeons 2013 Annual Meeting, Chicago, IL, 03/19/2013 - 03/23/2013

Christoph E. Albers MD, Joseph M. Schwab MD, Simon D Steppacher MD, Moritz Tannast MD, Klaus Siebenrock MD, Relative Neck Lengthening in Complex Proximal Femoral Deformities: Technique, Complications and 5-year Results (Poster Presentation), American Academy of Orthopaedic Surgeons 2014 Annual Meeting, New Orleans, LA, 03/11/2014 - 03/14/2014

Lorenz Buchler MD, Joseph M. Schwab MD, Patrick Whitlock MD, Martin Beck MD, Moritz Tannast MD, Intraoperative Fluoroscopic Imaging in Hip Arthroscopy: Implications for Evaluation of Acetabular Morphology (Poster Presentation), American Academy of Orthopaedic Surgeons 2014 Annual Meeting, New Orleans, LA, 03/11/2014 - 03/14/2014

International

Christoph E. Albers MD, Joseph M. Schwab MD, Simon D Steppacher MD, Moritz Tannast MD, Klaus Siebenrock MD, Relative Neck Lengthening In Complex Proximal Femoral Deformities: Technique, Complications, And 5-Year Results (Oral Presentation), 15th EFORT Congress 2014, London, UK, 06/04/2014 - 06/06/2014

COMMITTEE SERVICE:

Medical College of Wisconsin

09/01/2012 - Present Research Committee, Department of Orthopaedic Surgery, Medical College of Wisconsin

09/01/2012 - Present Program Evaluation Committee, Department of Orthopaedic Surgery, Medical College of Wisconsin

03/2013 - Present Clinical Competency Committee, Department of Orthopaedic Surgery, Medical College of Wisconsin

08/22/2013 - 09/01/2016 Department Representative, Faculty Council, Medical College of Wisconsin

03/2017 - Present Chair, Orthopaedic IT Committee, Department of Orthopaedic Surgery, Medical College of Wisconsin

Hospital

10/2013 - Present Total Joint Replacement Steering Committee, Department of Orthopaedic Surgery, Froedtert Hospital

02/01/2014 - Present Orthopaedic Inpatient Experience Committee, Department of Orthopaedic Surgery, Froedtert Hospital

03/2017 - Present Pain Steering Committee, Froedtert Hospital

01/01/2019 - Present Chairman, OR Steering Committee, Community Memorial Hospital

01/01/2019 - Present Chairman, OR Steering Workgroup, Community Memorial Hospital

EXTRAMURAL TEACHING:

Community/Lay Public

09/19/2013 Froedtert Hospital, Presentation on Hip Dysplasia

09/08/2015 Froedtert Hospital, What to Expect from a Total Hip Replacement

05/08/2018 Froedtert Health, Anterior Approach Total Hip Replacement

02/20/2019 Froedtert Health, Anterior Approach Total Hip Replacement

09/17/2019 Froedtert Health, Anterior Approach Total Hip Replacement

01/29/2020 Froedtert Health, Anterior Approach Total Hip Replacement

Continuing Medical Education

10/08/2015 - 10/09/2015 Wisconsin Orthopedic Society, Organizer, Hip Preservation Curriculum, 2015 Annual Meeting

MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:

Medical Students

Gretchen Floan, Medical College of Wisconsin, 09/01/2015 - Present Pathway Advisor

Garrett Berger, Medical College of Wisconsin, 07/01/2019 - Present Faculty Mentor

Residents

Carla Bridges, MD, Medical College of Wisconsin, 07/01/2017 - Present Faculty Development Mentor, Fellowship placement

PROGRAMMATIC DEVELOPMENTS:

Clinical Programs

10/2013 - Present Froedtert Health Total Joint Replacement Program
06/2015 - Present Hip Fracture Clinical Pathway
07/2015 - Present Froedtert CJR Implementation Program
04/2016 - Present Froedtert Health Fracture Liaison Service
04/2016 - Present Metabolic Bone Health Clinic

COMMUNITY SERVICE ACTIVITIES:

01/01/2020 - Present F&MCW ACO Board of Managers
01/01/2020 - Present F&MCW Clinically Integrated Network Advisory Board Member
07/01/2020 - Present Board Member, Froedtert Menomonee Falls Hospital Foundation

ACTIVITIES AND INTERESTS:

Skiing, hiking, running, gardening, international travel, German (Swiss) language, music, guitar playing, spending time with my wife and children.

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Lerch TD, Eichelberger P, Baur H, Schmaranzer F, Liechti EF, **Schwab JM**, Siebenrock KA, Tannast M. Prevalence and diagnostic accuracy of in-toeing and out-toeing of the foot for patients with abnormal femoral torsion and femoroacetabular impingement: implications for hip arthroscopy and femoral derotation osteotomy. *Bone Joint J.* 2019 10;101-B(10):1218-1229.
2. Schmaranzer F, Todorski IAS, Lerch TD, **Schwab J**, Cullmann-Bastian J, Tannast M. Intra-articular Lesions: Imaging and Surgical Correlation. *Semin Musculoskelet Radiol.* 2017 Nov;21(5):487-506.
3. Albers CE, Hanke MS, Ecker TM, Haefeli PC, Siebenrock KA, Steppacher SD, Zurmühle CA, **Schwab JM**, Tannast M. Computer assisted diagnosis and treatment planning of femoroacetabular impingement (Fai) Lecture Notes in Computational Vision and Biomechanics. 2016;23:173-196.
4. Büchler L, **Schwab JM**, Whitlock PW, Beck M, Tannast M. Intraoperative Evaluation of Acetabular Morphology in Hip Arthroscopy Comparing Standard Radiography Versus Fluoroscopy: A Cadaver Study. *Arthroscopy.* 2016 06;32(6):1030-7.
5. Albers CE, Steppacher SD, **Schwab JM**, Tannast M, Siebenrock KA. Relative femoral neck lengthening improves pain and hip function in proximal femoral deformities with a high-riding trochanter. *Clin Orthop Relat Res.* 2015 Apr;473(4):1378-87. PMID: PMC4353530
6. Steppacher SD, Huemmer C, **Schwab JM**, Tannast M, Siebenrock KA. Erratum: Surgical hip dislocation for treatment of femoroacetabular impingement: Factors predicting 5-year survivorship *Clinical Orthopaedics and Related Research.* February 2014;472(2):773-774.
7. Steppacher SD, Huemmer C, **Schwab JM**, Tannast M, Siebenrock KA. Surgical hip dislocation for treatment of femoroacetabular impingement: factors predicting 5-year survivorship. *Clin Orthop Relat Res.* 2014 Jan;472(1):337-48. PMID: PMC3889443
8. Siebenrock KA, Steppacher SD, Haefeli PC, **Schwab JM**, Tannast M. Valgus hip with high antetorsion causes pain through posterior extraarticular FAI. *Clin Orthop Relat Res.* 2013 Dec;471(12):3774-80. PMID: PMC3825876
9. Siebenrock KA, Kaschka I, Frauchiger L, Werlen S, **Schwab JM**. Prevalence of cam-type deformity and hip pain in elite ice hockey players before and after the end of growth. *Am J Sports Med.* 2013 Oct;41(10):2308-13.

10. Siebenrock KA, **Schwab JM**. The cam-type deformity--what is it: SCFE, osteophyte, or a new disease? *J Pediatr Orthop*. 2013 Jul-Aug;33 Suppl 1:S121-5.
11. Siebenrock KA, Behning A, Mamisch TC, **Schwab JM**. Erratum: Growth plate alteration precedes cam-type deformity in elite basketball players (*Clinical Orthopaedics and Related Research* DOI: 10.1007/s11999-012-2740-6) *Clinical Orthopaedics and Related Research*. May 2013;471(5):1737.
12. Büchler L, Neumann M, **Schwab JM**, Iselin L, Tannast M, Beck M. Arthroscopic versus open cam resection in the treatment of femoroacetabular impingement. *Arthroscopy*. 2013 Apr;29(4):653-60.
13. Lyon R, Liu XC, Kubin M, **Schwab J**. Does extracorporeal shock wave therapy enhance healing of osteochondritis dissecans of the rabbit knee?: a pilot study. *Clin Orthop Relat Res*. 2013 Apr;471(4):1159-65. PMID: PMC3586044
14. Siebenrock KA, Behning A, Mamisch TC, **Schwab JM**. Growth plate alteration precedes cam-type deformity in elite basketball players. *Clin Orthop Relat Res*. 2013 Apr;471(4):1084-91. PMID: PMC3585998
15. Steppacher SD, **Schwab JM**, Siebenrock KA, Tannast M. Actual management of femoroacetabular impingement *Minerva Ortopedica e Traumatologica*. October 2012;63(5):365-378.
16. Tannast M, Pfannebecker P, **Schwab JM**, Albers CE, Siebenrock KA, Büchler L. Pelvic morphology differs in rotation and obliquity between developmental dysplasia of the hip and retroversion. *Clin Orthop Relat Res*. 2012 Dec;470(12):3297-305. PMID: PMC3492631
17. Siebenrock KA, Kistler L, **Schwab JM**, Büchler L, Tannast M. The acetabular wall index for assessing anteroposterior femoral head coverage in symptomatic patients. *Clin Orthop Relat Res*. 2012 Dec;470(12):3355-60. PMID: PMC3492620
18. **Schwab JM**, Zebrack J, Schmelting GJ, Johnson J. The use of cervical vertebrae plates for cortical substitution in posterior wall acetabular fractures. *J Orthop Trauma*. 2011 Sep;25(9):577-80.
19. **Schwab JM**, Jager Z, Grindel SI. Adequate mobilization of the inferior glenohumeral ligament-labrum complex during arthroscopic bankart repair: The "suction-reduction" sign *Techniques in Shoulder and Elbow Surgery*. December 2009;10(4):138-139.
20. Anighoro K, Bridges C, Graf A, Nielsen A, Court T, McKeon J, **Schwab JM**. From ER to OR: Results After Implementation of Multidisciplinary Pathway for Fragility Hip Fractures at a Level I Trauma Center. *Geriatr Orthop Surg Rehabil*. 2020;11:2151459320927383. PMID: PMC7249548
21. Stetzelberger VM, Moosmann AM, Zheng G, **Schwab JM**, Steppacher SD, Tannast M. Does the Rule of Thirds Adequately Detect Deficient and Excessive Acetabular Coverage? *Clin Orthop Relat Res*. 2021 05 01;479(5):974-987. PMID: PMC8052088
22. Stetzelberger VM, Leibold CS, Steppacher SD, **Schwab JM**, Siebenrock KA, Tannast M. The Acetabular Wall Index Is Associated with Long-term Conversion to THA after PAO. *Clin Orthop Relat Res*. 2021 05 01;479(5):1052-1065. PMID: PMC8052033
23. Yamamoto T, Zurmühle CA, Stetzelberger VM, **Schwab JM**, Steppacher SD, Tannast M. The New Bern Chondrolabral Classification Is Reliable and Reproducible. *Clin Orthop Relat Res*. 2021 05 01;479(5):1002-1013. PMID: PMC8083824
24. Stetzelberger VM, Brouze IF, Steppacher SD, Bastian JD, **Schwab JM**, Tannast M. Lower 1-Year Postoperative Mortality After Acetabular Versus Proximal Femoral Fractures in Elderly Patients. *J Bone Joint Surg Am*. 2021 Oct 06;103(19):1807-1816.

Books, Chapters, and Reviews

1. **Schwab J.M.**, Beck C., Siebenrock K.A. (2019) Lateral Approach to the Pelvis and Hip. In: Büchler L., Keel M. (eds) *Fractures of the Hip. Fracture Management Joint by Joint*. Springer, Cham
2. **J.M. Schwab**, J.C. Clohisy. "Management of Femoroacetabular Impingement." In *Advanced Reconstruction Hip 2e*. Jay R. Lieberman, MD, and Daniel J. Berry, MD, Editors. AAOS Publications. 2017
3. Büchler L, Tannast M, Siebenrock KA, **Schwab JM**. Biomechanics of the hip Proximal Femur Fractures: An Evidence-Based Approach to Evaluation and Management. 1 January 2017:9-15.
4. Albers CE, Hanke MS, Ecker TM, Haefeli PC, Siebenrock KA, Steppacher SD, Zurmühle CA, **Schwab JM**, Tannast M. Computer Assisted Diagnosis and Treatment Planning of Femoroacetabular Impingement (FAI). In: *Computational Radiology for Orthopaedic Interventions*. Vol 23. Lecture Notes in Computational Vision and Biomechanics. Cham: Springer International Publishing; 2015:173–196.
5. **J.M. Schwab**, M. Khazzam, J.T. Long, R.M. Marks, G.F. Harris. "Analysis of gait in patients with Hallux Rigidus." In *Foot and Ankle Motion Analysis: Clinical Treatment and Technology*. G.F. Harris, R.M. Marks, P.A. Smith (editors). CRC Press. 2008.

6. Steppacher SD, Anwander H, **Schwab JM**, Siebenrock KA, Tannast M. Femoral dysplasia The Adult Hip: Hip Preservation Surgery. 7 July 2014.

Peer Reviewed Educational Products

1. American Academy of Orthopaedic Surgeons. Appropriate Use Criteria for the Management of Osteoarthritis of the Hip. www.aaos.org/oahipauc. Published December 8, 2017.