

PAUL D. DAYTON, DPM, MS, FACFAS

1200 NW 36TH ST. 100, ANKENY, IA 50023

EMPLOYMENT/EXPERIENCE

- 04/2018 - Present **Foot & Ankle Surgeon, CEO**
Foot & Ankle Center of Iowa, Ankeny IA
Bunion Surgery Specialists, Ankeny IA
- 05/2014 -Present **Consultant, Product Design Team Surgeon, Training Course Faculty.** Treace Medical
Concepts Inc. Ponte Vedra Beach FL
- 06/2016 – 12/2020 **Staff Physician, UnityPoint Health, Trinity Regional Wound Healing Center**
Fort Dodge, IA
- 07/2014 – 02/2018 **Assistant Professor**
College of Podiatric Medicine & Surgery, Des Moines University
Des Moines, IA (0.25 FTE)
- 12/2000 – 03/2018 **Foot & Ankle Surgeon**
Unity Point Clinic, Fort Dodge, IA
Division of Foot and Ankle Surgery
Active Medical Staff, Surgery Section, Trinity Regional Medical Center
- 12/1996 – 03/2018 **Director of Podiatric Medical Education/Surgical Residency**
UnityPoint Health, Trinity Regional Medical Center
Fort Dodge, IA
- 12/1997 – 01/2000 **Foot & Ankle Surgeon**
Private Practice, Iowa Foot & Ankle Center, P.C.
Fort Dodge, IA
- 07/1990 – 11/1997 **Foot & Ankle Surgeon**
Department of Orthopedics, The Permanente Medical Group
San Jose, CA

EDUCATION

- 1988 - 1990 **Podiatric Surgical Residency**
Department of Orthopedics, Podiatry and Sports Medicine
Chief Resident, 1989-1990
Kaiser Permanente Hospital, Santa Clara, CA
- 1988-1990 **California College of Podiatric Medicine, San Francisco, CA**
MS, Podiatric Medical Education, 1990
- 1984 - 1988 **California College of Podiatric Medicine, San Francisco, CA**
DPM, 1988, Class Valedictorian

- April 2010 **SBI/Ilizarov External Fixation Traveling Fellowship**
Ilizarov Scientific Center, Kurgan, Russia
- May 2009 **Salto Talaris Anatomic Ankle Replacement/Cadaver Lab**
Dallas, TX
- September 2007 **National Healing Institute, Principles of Wound Healing and Hyperbaric Medicine**
Ohio State University, Columbus, OH
- May 2007 **Principles of Locking Fixation Cadaver Workshop**
Wright Medical Corporate Offices & Surgical Lab, Memphis, TN
- December 2006 **Second Annual International External Fixation Symposium**
San Antonio, TX
- April 2001 **Ponseti Technique for Clubfoot Casting/Clinical Rotation Hospital Based Observership**
University of Iowa, Dr. Ignacio Ponseti

ACADEMIC AND ADMINISTRATIVE SERVICE

- 2023 **Case Reviewer**, ABFAS Certification
- Committee Member**, ACFAS Surgical Skills Committee
- Section Editor**, Journal of Foot & Ankle Surgery
- 2022 **Case Reviewer**, ABFAS Certification
- Committee Member**, ACFAS Surgical Skills Committee
- Section Editor**, Journal of Foot & Ankle Surgery
- 2021 **Case Reviewer**, ABFAS Certification
- Committee Member**, ACFAS Surgical Skills Committee
- Section Editor**, Journal of Foot & Ankle Surgery
- 2020 **Case Reviewer**, ABFAS Certification
- Committee Member**, ACFAS Surgical Skills Committee
- Section Editor**, Journal of Foot & Ankle Surgery
- 2019 **Case Reviewer**, ABFAS Certification, April 2019 Denver Co
- Chairman, Education and Scientific Affairs Committee**, American College of Foot & Ankle Surgeons
- Section Editor**, Journal of Foot & Ankle Surgery

- 2018 **Chairman, Education and Scientific Affairs Committee**, American College of Foot & Ankle Surgeons
- Section Editor**, Journal of Foot & Ankle Surgery
- Faculty Advisor**, Student Chapter ACFAS, College of Podiatric Medicine & Surgery, Des Moines University, Des Moines IA
- 2016 -17 **President of Medical Staff**, UnityPoint Health, Trinity Regional Medical Center, Fort Dodge, IA
- Chairman**, Medical Executive Committee, UnityPoint Health, Trinity Regional Medical Center, Fort Dodge, IA
- Vice Chairman**, Regional Physician Oversight Committee (Operating Committee), UnityPoint Clinic, Fort Dodge, IA
- Physician Champion**, Physician Effectiveness Project, UnityPoint Clinic Fort Dodge, IA
- Co-Coordinator**, Biomechanics Course, College of Podiatric Medicine & Surgery, Des Moines University, Des Moines IA
- Committee Member**, Admissions Committee, College of Podiatric Medicine & Surgery, Des Moines University, Des Moines IA
- Faculty Advisor**, Student Chapter ACFAS, College of Podiatric Medicine & Surgery, Des Moines University, Des Moines IA
- Committee Member**, American College of Foot & Ankle Surgeons, Education and Scientific Affairs Committee
- Member**, American College of Foot & Ankle Surgeons, Gap Analysis Task Force
- Committee Member**, Network Management Committee, UnityPoint Clinic, Fort Dodge, IA
- Editorial Board Member**, Podiatric Surgery Section, Clinics in Surgery
- Section Editor**, Journal of Foot & Ankle Surgery
- Lecturer**, Department of Podiatric Surgery and applied Biomechanics, Rosalind Franklin University of Medicine and Science, Chicago, IL
- 2015 **President Elect of Medical Staff**, UnityPoint Health, Trinity Regional Medical Center, Fort Dodge, IA
- Committee Member**, Medical Executive Committee, UnityPoint Health, Trinity Regional Medical Center, Fort Dodge, IA

Committee Member, Regional Physician Oversight Committee (Operating Committee), UnityPoint Clinic, Fort Dodge, IA

Physician Champion, Physician Effectiveness Project, UnityPoint Clinic Fort Dodge, IA

Committee Member, American College of Foot & Ankle Surgeons, Education and Scientific Affairs Committee

Committee Member, Network Management Committee, UnityPoint Clinic, Fort Dodge, IA

Committee Member, Examinations Committee, Computer Based Patient Simulation, American Board of Foot & Ankle Surgery

Section Editor, Journal of Foot & Ankle Surgery

Lecturer, Department of Podiatric Surgery and applied Biomechanics, Rosalind Franklin University of Medicine and Science, Chicago, IL

2014

Committee Member, Director Search Committee, Center for Teaching & Learning, Des Moines University

Panel Member, American College of Foot & Ankle Surgeons Clinical Consensus Statement on Antibiotic Prophylaxis for Foot and Ankle Surgery

Physician Champion, Physician Effectiveness Project, UnityPoint Clinic Fort Dodge, IA

Committee Member, American Podiatric Medical Students Association, Research Review Panel

Committee Member, American College of Foot & Ankle Surgeons, Education and Scientific Affairs Committee

Committee Member, American Podiatric Medical Association, Clinical Practice Advisory Committee

Committee Member, Network Management Committee, UnityPoint Clinic, Fort Dodge, IA

Committee Member, Examinations Committee, Computer Based Patient Simulation, American Board of Foot & Ankle Surgery

Committee Member, Diabetes Disease Management Committee, Unity Point Health, Trinity Regional medical Center

Committee Member, Heartland Foot and Ankle Conference, Des Moines, IA

Section Editor, Journal of Foot & Ankle Surgery

2013

Committee Member, American College of Foot & Ankle Surgeons, Education and Scientific Affairs Committee

Committee Member, American Podiatric Medical Association, Clinical Practice Advisory Committee

Committee Member, Network Management Committee, UnityPoint Clinic, Fort Dodge, IA

Committee Member, UnityPoint Health Specialty Physician Compensation Committee

Committee Member, EPIC EMR Validation Committee, UnityPoint Clinic, Des Moines, IA

Committee Member, CPMS Collaboration Committee, Des Moines University

Section Editor, Journal of Foot & Ankle Surgery

Committee Member, Examinations Committee, Computer Based Patient Simulation, American Board of Foot & Ankle Surgery

Oral Examiner, American Board of Podiatric Surgery, Foot and RRA Exams

Lecturer, Department of Podiatric Surgery and applied Biomechanics, Rosalind Franklin University of Medicine and Science, Chicago, IL

Association Representative, for the American College of Foot & Ankle Surgeons, Training Guidelines Working Group, American Institute of Ultrasound Medicine, Baltimore MD

2009 - Present **Section Editor**, Journal of Foot & Ankle Surgery

2009 - Present **Physician Editor**, Trinity Regional Medical Center Physicians Newsletter, Fort Dodge, IA

2003 - 2015 **Board of Directors**, Iowa Podiatric Medical Society
Co-Chair, Legislative Committee (2003 - 2005)

2011-2014 **Committee Member**, American College of Foot & Ankle Surgeons, Manuscript Competition, Annual Scientific Conference

2011 - 2013 **President**, Iowa Podiatric Medical Society

2000 – 2013 **Adjunct Professor**, Des Moines University, College of Podiatric Medicine

2009 **President Elect of Medical Staff**, Trinity Regional Medical Center, Fort Dodge, IA

2008 – 2011 **Board Member and Vice Chairman**, Iowa State Board of Podiatry

2006 - 2011 **Scientific Chair**, Heartland Podiatry Conference
Committee Member (2003-2005, 2012-2014)

2006 - 2010 **Chairman Peer Review Committee**, Trinity Regional Medical Center, Fort Dodge, IA

Medical Director, Rehabilitation Services, Highland Park Center, Fort Dodge, IA

Credentials Committee Member, Trinity Regional Medical Center

Standing Orders Committee Member, Trinity Regional Medical Center

- 2004 - 2010 **Board of Directors & Board Representative**, Finance Committee
Trimark Physicians Group, Fort Dodge, IA
- 2001 - 2012 **Medical Representative and Vice Chair — Clinical Practice Committee**
Trimark Physicians Group, Fort Dodge, IA
- 2006 **President of Medical Staff**, Trinity Regional Medical Center, Fort Dodge, IA
- 2005 **President Elect of Medical Staff**, Trinity Regional Medical Center, Fort Dodge, IA
- 2000 - 2003 **Chairperson of Utilization Management Committee**
Trinity Regional Medical Center, Fort Dodge, Iowa
- 1996 - 2006 **Medical Director**, North Central Iowa Center for Wound Healing, Fort Dodge, IA
- 1993 - 2002 **Oral Examiner**, American Board of Podiatric Surgery
- 2001 **Secretary of Medical Staff**
Medical Executive Committee Member
Trinity Regional Medical Center, Fort Dodge, IA
- 2000 **Pharmacy and Therapeutics Committee Member**, Trinity Regional Medical Center, Fort
Dodge, IA
- 1996 - 1999 **Constitutional, Bylaws, and Education Committee member**
Trinity Regional Medical Center, Fort Dodge, Iowa
- 1994 - 1996 **Clinical Assistant Professor**
Department of Functional Restoration, Stanford University School of Medicine
Palo Alto, California
- Examiner**, California State Board of Podiatric Medicine
- 1992 - 1996 **Clinical Assistant Professor**, California College of Podiatric Medicine, San Francisco, CA

HONORS AND AWARDS

- 2013** **Visiting Lecturer of the Year**
Des Moines University, College of Podiatric Medicine & Surgery
- 2004** **Manuscript Award of Excellence, Honorable Mention American College of Foot and Ankle Surgeons
Annual Meeting**
**Dayton P, LoPiccolo J, Kiley J. Reduction in the intermetatarsal angle after first metatarsophalangeal
joint arthrodesis in patients with moderate and severe metatarsus primus adductus. J Foot Ankle Surg
41(5):316-9, 2002**
- 1988** **California College of Podiatric Medicine, San Francisco, California**
- Valedictorian Class of 1988, American Association of Hospital Podiatrists Award, Outstanding Student
in Orthopedics Award, Pi Delta Honor Society

PEER REVIEWED SCIENTIFIC PUBLICATIONS

- Dayton, P. Dayton, M., Hatch, D., et al.: **What do Patients Report Regarding their Real-World Function Following Concurrent Arthrodesis of the First Tarsometatarsal and First Metatarsal Phalangeal Joints.** JFAS 2023
- Liu, G., Chhabra, A., **Dayton, P.**, Dayton, M. et al.: **One- and Two-Year Analysis of a Five-Year Prospective Multicenter Study Assessing Radiographic and Patient-Reported Outcomes Following Triplanar First Tarsometatarsal Arthrodesis with Early Weightbearing for Symptomatic Hallux Valgus.** JFAS 2022
- Dayton, M., **Dayton, P.**, Topher, C., Thompson, J.: **What do Patients Report Regarding their Real-World Function Following First Metatarsophalangeal Arthrodesis for Hallux Valgus.** JFAS 2022
- DeCarbo, W., **Dayton, P.**, Smith, B., et al.: **Triplanar Correction for First Metatarsophalangeal Arthrodesis.** JFAS 2021
- McAleer, J., **Dayton, P.**, DeCarbo, W., et al.: **A systematic Approach to Correction of Combined Metatarsus adductus and Hallux Valgus.** JFAS 2021
- Naldo, J., Agnew, P., Brucato, M., **Dayton, P.**, Shane, A.: **ACFAS Clinical Consensus on Acute Achilles Tendon Rupture.** JFAS 2020
- Hatch, D., **Dayton, P.**, Decarbo, W., McAleer, J., Ray, J., Santrock, B., Smith, B.: **Analysis of shortening and elevation of the first ray with instrumented tarsometatarsal arthrodesis.** Foot & Ankle Orthopedics vol 5(4) 2020
- Hatch, D., **Dayton P: The Lapidus Procedure.** In McGlamry's Comprehensive Textbook of Foot and Ankle Surgery. Lippincott Williams & Wilkens 2020
- Dayton, P.**, Carvalho, S., Egdorf R., Dayton, M., **Radiographic outcomes after triplane tarsometatarsal arthrodesis for hallux valgus.** JFAS March-April 2020
- Ray, J., K, Friedman, A. Hanselman, A., Vaida, J. **Dayton, P.**, Hatch, D., Smith, B., Santrock, R., **Hallux Valgus.** Foot and Ankle Orthopedics, Vol 4(15) 2019
- Ray, J., Koay, J., **Dayton, P.**, Hatch, D., Smith, B., Santrock, R., **Multicenter Early Radiographic Outcomes of Triplanar Tarsometatarsal Arthrodesis with Early Weightbearing,** FAI 2019
- Dayton, P.**, Santrock, B., Kauwe, M., Gansen G., Harper S., Cifaldi, A., Egdorf R., Eisenschink J., **Progression of healing on serial radiographs following first ray arthrodesis in the foot using a biplanar plating technique without compression.** JFAS 2018
- Santrock B, Smith B, Hatch D, Weil L jr., **Dayton P: Anatomic Triplane Hallux Valgus Classification.** JFAS 2018
- Dayton P.**, Hatch D., Santrock, B., Smith B.: **Biomechanical Characteristics of Biplane Locked Plating: Anatomic Multiplanar Tension-Side Fixation for Lapidus Fusion.** J. Foot & Ankle Surgery, 2018
- Schneider H, Baca J, Carpenter B, **Dayton P**, Fleischer A, Sachs B.: **American College of Foot and Ankle Surgeons Clinical Consensus Statement: Diagnosis and Treatment of Adult Acquired Infracalcaneal Heel pain.** JFAS 2018
- Smith B, **Dayton P**, Santrock B, Hatch D, **Understanding Frontal Plane Correction in Hallux Valgus Repair.** Clinics in Podiatric Medicine and Surgery (35) 27-36, 2018

Smith B, Santrock B, Hatch D, **Dayton P.** *Intra operative Multiplanar Alignment System to Guide Triplanar Correction of Hallux Valgus Deformity.* Techniques in Foot and Ankle Surgery (00) 1-8, 2017

Dayton P, Feilmeier M, Parker K, Otti R, Reimer R, Kauwe M, Eisenschink J, Wolfe J. *Experimental Comparison of the Clinical Measurement of Ankle Dorsiflexion and Radiographic Tibiotalar Position.* J. Foot and Ankle Surgery (56) 1036-1040, 2017

Dayton P, Feilmeier M.: *Comparison of Tibial Sesamoid Position on Anterior Posterior and Axial Radiographs Before and After Tri-Plane Tarsal Metatarsal Joint Arthrodesis.* J. Foot and Ankle Surgery (56) 1041-1046, 2017

Dayton P. (Guest Editor) **Achilles Tendon Disorders.** Clinics in Podiatric Medicine and Surgery April 2017

Dayton P. Weslosky J. **Anatomy and Blood Supply.** In Achilles Tendon Disorders, Clinics in Podiatric Medicine and Surgery April 2017, 1-7

Dayton P. **Letter Regarding: Radiographic Evaluation of Intermetatarsal Angle Correction Following First MTP Joint Arthrodesis for Severe Hallux Valgus.** Foot & Ankle International 2016, Vol. 37(11) 1187

Dayton P, Feilmeier M, Cifaldi A, Kauwe M, Johnk H, Roberts B, Reimers R.: *Comparison of Transverse and Coronal Plane Stability at the First Tarsal-Metatarsal Joint with Multiple Screw Orientations* Foot & Ankle Specialist 2016

Dayton P., Hatch D. Scanlan, S, Ferguson, J., Smith B, Santrock, B.: **Comparison of the Mechanical Characteristics of Small Bi-Planar Plating Technique to Single Plate and Screw Models.** J. Foot & Ankle Surgery, March 2016

Dayton, P, Kauwe, M, Didominico L, Feilmeier M, Reimers R.: *Quantification of First Metatarsal Rotation in Metarsus Primus Adducto Valgus.* J. Foot and Ankle Surgery November 2015

Dayton P, Feilmeier M., Thompson, M., Whitehouse, P., Reimers, R: *Comparison of Internal and External Fixation for Charcot Reconstruction: A Systematic Review.* J. Foot and Ankle Surgery June 2015

Dayton P, DeVries, J., Landsman, A., Meyr, A., Schweinberger, M.: **ACFAS clinical Consensus Statement: Perioperative Prophylactic Antibiotic Use in Clean Elective Foot Surgery.** J Foot and Ankle Surgery, 2015

Dayton P, Feilmeier M, Sedberry S. **Complications of Suture Techniques for Bunion Correction: A systematic review.** JFAS 2015

Dayton P, Feilmeier M., Kauwe, M.: *Is Our Current Paradigm for Evaluation and Management of the Bunion Deformity Flawed?: A discussion of procedure philosophy relative to anatomy.* J Foot and Ankle Surgery 54(1), 2014

Rodriguez, E., Bowen, M., Cherkashin, A., Samchukov, M., Frania,S., **Dayton, P.,** Nelson, P. **Ilizarov method of fixation for the management of pilon and distal tibial fractures in the compromised diabetic patient: A technique guide.** The Foot and Ankle Online Journal 7 (2), 2014

Dayton P, Kauwe M, Holmes C, Feilmeier M, McArdle A, Coleman, N. *Observed Changes in Radiographic Measurements of the First Ray Following Valgus Rotation of the Hallux: A Cadaveric Study.* J Foot Ankle Surgery, 53(5), 2014

Dayton P, Feilmeier M, Hensley, N. **Minimally Invasive Repair of Calcaneal Fractures Using External Fixation: A technique guide and literature review.** J Foot Ankle Surgery 53(3), 2014

- Dayton P, Kauwe M, Kauwe J, Feilmeier M, Hirschi. *Radiographic Analysis of Frontal Plane Rotation of the First Metatarsal in a Cadaveric Model.* J Foot Ankle Surgery 53(3), 2014**
- Feilmeier M, **Dayton P**, Sedberry S, Reimer RA. **Incidence of Surgical Site Infection in the Foot and Ankle with Early Exposure and Showering of Surgical Sites: A Prospective Observation.** J Foot and Ankle Surgery 53(2), 2014
- Dayton P**, Feilmeier M, Hunziker B, Nielson, T, Reimer R. **Reduction of the Intermetatarsal Angle Following First Metatarsal Phalangeal Arthrodesis: A Systematic Review.** J. Foot Ankle Surgery 53(1), 2014
- Dayton P**, Kauwe M, Feilmeier M. **Clarification of the anatomic definition of the bunion.** J. Foot Ankle Surgery 53(2), 2013
- Feilmeier M, **Dayton P**, Wienke JC Jr. **Reduction of the Intermetatarsal Angle after First MTPJ Arthrodesis in Patients with Hallux Valgus.** J Foot and Ankle Surgery 53 (1), 2013
- Dayton P**, Kauwe M, Kauwe J, Feilmeier M, Hirschi J. **Observed Changes in the First Metatarsal and Medial Cuneiform Position Following First Metatarsal Phalangeal Joint Arthrodesis.** J Foot and Ankle Surgery 53(1), 2013
- Dayton P**, Prins D, Smith D, Feilmeier M. **Effectiveness of a locking plate in preserving midcalcaneal length and positional outcome after Evans calcaneal osteotomy: A retrospective Pilot Study.** J Foot and Ankle Surgery 52(6), 2013
- Dayton P**, Feilmeier M, Coleman N. **Principles of management of growth plate fractures in the foot and ankle.** Clinics in Podiatric Medicine and Surgery 30(4), 2013
- Dayton P**, Feilmeier M, Sedberry S. **Does getting sutures wet postoperatively increase the incidence of infection? A systematic review of the literature.** J Foot Ankle Surg 52(5), 2013
- Dayton P**, Feilmeier M, Kauwe M, Hirschi J. **Relationship of frontal plane rotation of the first metatarsal to proximal articular set angle and hallux alignment in patients having tarsal metatarsal arthrodesis for hallux abducto valgus: A case series and critical review of the literature.** J Foot Ankle Surg 52(3), 2013
- Dayton P**, Wienke JC Jr, Prins DB, Haulard JP, Feilmeier MJ, Wiarda C. **Measurement of mid-calcaneal length on plain radiographs: reliability of a new method.** Foot Ankle Spec 4(5): 280-3, 2011
- Dayton P**, Prins DB, Hensley N, Weinke J Jr. **A User Friendly Method of Pin Care For External Fixation.** Foot Ankle Spec 4(6): 370-2, 2011
- Dayton P**, Haulard JP. **Hallux Varus as a Complication of Foot Compartment Syndrome.** J Foot Ankle Surg 50(4): 504-6, 2011
- Dayton P**, Wienke J. **The extended knee hemilithotomy position for gastrocnemius recession.** J Foot Ankle Surg, 49(2): 214-6, 2010
- Dayton P**, Smith D. **Dorsal Suspension Stitch: an alternative stabilization for flexible hammer digit syndrome.** J Foot Ankle Surg 48(5): 602-5, 2009
- Dayton P**, McCall A. **Early weight bearing after first metatarsophalangeal joint arthrodesis: A retrospective observational case analysis.** J Foot Ankle Surg 43(3): 156-9, 2004

Dayton P, Glynn A, Rodgers W. *Use of the Z osteotomy for tailor bunionectomy*. J Foot Ankle Surg 42(3): 167-9, 2003

Dayton P, LoPiccolo J, Kiley J. *Reduction in the intermetatarsal angle after first metatarsophalangeal joint arthrodesis in patients with moderate and severe metatarsus primus adductus*. J Foot Ankle Surg 41(5): 316-9, 2002

Dayton P, Glynn A, LoPiccolo J. *Medial Incision Approach to the First Metatarsophalangeal Joint*. J Foot Ankle Surg 40(6): 414-7, 2001

Dayton PD, Griffiths T. *Biwinged Closure for Cutaneous Defects*. J Foot Ankle Surg 35(3): 244-9, 1996

Dayton PD, Risser J. *Handgun Injuries to the Foot: Treatment of Low-Velocity, High Energy Wound Types*. J Foot Surg 29(4): 309-17, 1990

Goldman F, Dayton P, Hansen, C. *Renal cell carcinoma metastasis to the foot. Case report and literature review*. J Am Podiatr Med Assoc 79(12): 618-25, 1989

Dayton PD, Goldman FD, Barton E. *Compartment Pressure in the Foot: Evaluation of Normal Values and Measurement Technique*. J Am Podiatr Med Assoc 80(10): 521-5, 1990

Goldman FD, **Dayton PD**, Hansen CJ. *Compartment Syndrome of the foot*. J Foot Surg 29(1): 37-43, 1990.

Dayton P, Pallidino S. Electrical stimulation for the treatment of cutaneous ulcerations: A literature review. J Am Podiatr Med Assoc 79(7): 318-21, 1989

BOOK CHAPTERS & NON-PEER REVIEWED MANUSCRIPTS

Easley, M., **Dayton, P.**, et al: Correction of Hallux Valgus with and without Metatarsus Adductus. In Master Techniques in Foot & Ankle Surgery, 2023

Dayton, P., Hatch, D.: **Lapidus Arthrodesis**. in McGlamery's Comprehensive Textbook of Foot and Ankle Surgery 5th Edition, Wolters Kluwer, Philadelphia 2021

Dayton P, Harper S., Egdorf R, Cifaldi A: **Does The Evidence Support Traditional Concepts Of Achilles Tendon Rupture Etiology and Repair?** in Podiatry Today, vol 31 (5) May 2018

Dayton P, (Editor): *Bunion Surgery: An Evidence Based Approach*. Springer Science + Business Media, LLC, New York. 2017

Dayton P, Feilmeier M, Lenz R: *Clinical and Surgical Implications of Frontal Plane Rotation*. in Bunion Surgery: An Evidence Based Approach. Springer Science + Business Media, LLC, New York. 2017

Feilmeier M, **Dayton P**, Cifaldi A: *First MTPJ Arthrodesis*. in Bunion Surgery: An Evidence Based Approach. Springer Science + Business Media, LLC, New York. 2017

Dayton P, Xu D, Mahoney J: *Introduction and Overview of the Condition*. in Bunion Surgery: An Evidence Based Approach. Springer Science + Business Media, LLC, New York. 2017

Dayton P, Egdorf R, Dujela M: *Complications and Recurrence*. in Bunion Surgery: An Evidence Based Approach. Springer Science + Business Media, LLC, New York. 2017

Dayton P, Cifaldi A, Egdorf R. *Is Frontal Plane Correction Essential for Addressing Bunion Deformities*. Podiatry Today April 2017

Dayton P., Wolfe J, Croy z, Tocci S, Richter I: **Benefits of Minimally Invasive Calcaneal Fracture Reduction**
Podiatry Today, January 2017

Sorensen M, Cooper T, **Dayton P**, Smith B: *Round Table Discussion - Hallux Valgus, Are We Really Getting it Correct? Foot & Ankle Specialist, Volume 9 (2) 2016*

Dayton P, McGlamry M: *Postoperative Management Following Ankle Arthroscopy*. ACFAS E-Book 2016

Dayton P, Medonchino R, (Editors): *The Art and Science of Orthobiologics for the Foot & Ankle: A Critical Analysis and Practical Applications*. ACFAS E-book 2017

Dayton P, Kauwe M: *Biologic effects of fixation* in *The Art and Science of Orthobiologics for the Foot & Ankle: A Critical Analysis and Practical Applications*. ACFAS E-book 2017

Dayton P, Johnk H: *Non-Structural Calcium Grafts and Bioactive Glass* in *The Art and Science of Orthobiologics for the Foot & Ankle: A Critical Analysis and Practical Applications*. ACFAS E-book 2017

Dayton P, Kauwe M: **The Third Plane of the Bunion: Frontal Plane Rotation of the First Metatarsal**. Lower Extremity Review, May 2015

Feilmeier M, **Dayton P**: *Identifying Foot & Ankle Pathologies*. Today's Geriatric Medicine, vol 8, #3 2015

Daly N, **Dayton P**: *Vascular Emergencies in the Foot*. Foot and Ankle Trauma, 2nd edition, edited by Scurran B, 1996

Dayton P, Bouche R: *Compartment Syndromes in the Lower Extremity*. Musculoskeletal Disorders of the Lower Extremity, edited by Oloff L, Saunders 1994

Goldman F, **Dayton P**. *Complications of Clubfoot Treatment*: Foot and Ankle Disorders in Children, edited by DeValentine S, Churchill-Livingstone, London and New York 1992

Goldman F, **Dayton P**. *Common Foot Disorders*: Current Therapy in Emergency Medicine, edited by Callaham M, B.C. Decker Inc., Philadelphia, 1991

SCIENTIFIC RESEARCH GRANTS

"Objective Determination of the Effects of Foot Position on Clinical Measurement of Ankle Joint Dorsiflexion."
ACFAS Scientific Grant, November 2015. Funded \$2,805.

"Functional recovery after gastrocnemius recession in individuals with equinus-related disorders: A quasi-experimental study including a non-surgical, matched control group." Iowa Osteopathic Education Foundation, October 2013. Funded \$9,300.

"Functional recovery after gastrocnemius recession in individuals with equinus-related disorders: A quasi-experimental study including a non-surgical, matched control group." ACFAS Scientific Grant, September 2013; Not funded.

"Analysis of the relationship between first metatarsal frontal plane rotation and PASA in hallux abducto valgus

and metatarsus primus adductus.” Iowa Osteopathic Education Foundation, October 2012. Funded \$6,414

SCIENTIFIC POSTER PRESENTATIONS

ACFAS Annual Scientific Conference, Los Angeles CA February 2023

Dayton, P., Dayton, M. et al. Range of motion of the first MTP following triplane tarsometatarsal arthrodesis, 24-month results.

ACFAS Annual Scientific Conference, February 2020, San Antonio TX

Dayton, P. Carvalho, S, Egdorf R., Dayton, M., Radiographic review of MTP Fusion

AOFAS Annual Meeting, Podium Presentation, July 2018, Boston MA

Justin Ray, MD; Jennifer Koay, MD; Paul Dayton, DPM; Daniel Hatch, DPM; W. Bret Smith, DO; Robert Santrock, MD. **Multicenter Early Radiographic Outcomes of Triplanar Modified Lapidus Arthrodesis with Immediate Weight Bearing**

Kaiser Permanente Foot & Ankle Summit, May 2018, San Francisco CA

Dayton, P., Santrock, B., Kauwe, M., Gansen G., Harper S., Cifaldi, A., Egdorf R., Eisenschink J., Progression of healing on serial radiographs following first ray arthrodesis in the foot using a biplanar plating technique without compression. (First Place Winner)

ACFAS Annual Scientific Conference, March 2018, Nashville TN

Dayton, P., Santrock, B., Kauwe, M., Gansen G., Harper S., Cifaldi, A., Egdorf R., Eisenschink J., Progression of healing on serial radiographs following first ray arthrodesis in the foot using a biplanar plating technique without compression

Hatch D., Santrock B., Smith B., **Dayton., Triplane Hallux Valgus Classification**

Heartland Foot & Ankle Conference 2017, Des Moines IA

Dayton PD, Kauwe M, Gansen G, Harper S, Cifaldi AJ, Egdorf RE, Eisenschink J. Progression of radiographic healing following first ray arthrodesis in the foot using a biplanar plating technique without compression. **First Place Award**

APMA Annual Meeting, July 2017, Nashville TN

Egdorf RE, Cifaldi AJ, **Dayton PD**, Feilmeier MJ. **Hallux Abducto Valgus Recurrence Literature Analysis Indicates Need for a National Multicenter Registry of Surgical Correction Outcomes.** Unpublished data, 2017. **Second place award**

ACFAS Annual Scientific Conference, February 2016, Austin TX

Cifaldi, A., Roberts, B., Feilmeier, M., **Dayton, P.**, Johnk, H., Kauwe, M., Reimers, R., **Comparison of Transverse and Frontal Plane Stability at the First Tarsal-Metatarsal Joint with Multiple Screw**

Dayton, P., Kauwe, M, Feilmeier, M, Dual Measurements lead to reporting inaccuracies for Pre-operative and Post Operative Intermetatarsal Angle

DMU Research Symposium, December 2015, Des Moines IA

Cifaldi, A., Roberts, B., Feilmeier, M., **Dayton, P.**, Johnk, H., Kauwe, M., Reimers, R., ***Comparison of Transverse and Frontal Plane Stability at the First Tarsal-Metatarsal Joint with Multiple Screw (Oral Abstract)***

Heartland Foot & Ankle Conference 2015, Des Moines IA

Cifaldi, A., Roberts, B., Feilmeier, M., **Dayton, P.**, Johnk, H., Kauwe, M., Reimers, R., ***Comparison of Transverse and Frontal Plane Stability at the First Tarsal-Metatarsal Joint with Multiple Screw Orientations. (Winner first place)***

AOFAS Annual Scientific Conference, July 2015, Long Beach CA

Smith B, **Dayton P**, Santrock R, Hatch D, : ***Comparison of the Mechanical Characteristics of a Universal Small Bi-Planar Plating Technique to Single Anatomic Plate with Compression Screw***

ACFAS Annual Scientific Conference, February 2015, Phoenix AZ

Dayton, P., Kauwe, M., Didominico, L., Feilmeier, M. : ***Quantification Of The Amount Of Frontal Plane Rotation Needed To Align The First MTPJ During A Tarsal Metatarsal Arthrodesis.***
First Place Winner Scientific Format Poster, Selected for Video Presentation

Dayton, P., Kauwe, M, Rhodehouse, B., Tidwell, T., Penrose, B., Feilmeier, M.: ***Use of a Flexible Bi-Planar Locking Plates in First Metatarsal Phalangeal Joint and First Metatarsal Cuneiform Joint Arthrodesis: A Case Series and Preliminary Mechanical Trial***

Dayton, P., Coleman, N., Feilmeier, M., Ranum, R., Reimers, R.: ***Range of Motion After First Metatarsal Phalangeal Replacement Arthroplasty: A Systematic Review***

Mitchell, T., Whitehouse, P., **Dayton, P.**, Feilmeier, M.: ***Comparison of Outcomes and Complications for Internal and External Fixation for Charcot Reconstruction: A Systematic Review.***

Heartland Foot & Ankle Conference 2014, Des Moines IA

Mitchell, T., Whitehouse, P., **Dayton, P.**, Feilmeier, M.: ***Comparison of Outcomes and Complications for Internal and External Fixation for Charcot Reconstruction: A Systematic Review.***
1st Place Award Student Category

Dayton, P., Coleman, N., Feilmeier, M., Ranum, R., Reimers, R.: ***Range of Motion After First Metatarsal Phalangeal Replacement Arthroplasty: A Systematic Review. (Winner of general poster category)***

DMU Research Symposium, December 2014, Des Moines IA

Dayton, P., Kauwe, M., Feilmeier, M.: ***Measurement of Metatarsal Supination Required to Anatomically Align the First Metatarsal Phalangeal Joint in a Modified Lapidus Arthrodesis.***

Selected for Oral Presentation, Winner Top Resident Poster

Mitchell, T., Whitehouse, P., **Dayton, P.**, Feilmeier, M.: *Comparison of Outcomes and Complications for Internal and External Fixation for Charcot Reconstruction: A Systematic Review.*

APMA National Meeting, July 2014 Honolulu, HI

Dayton, P., Feilmeier, M., Kauwe, M., Holmes, C., McArdle, A., Coleman, N.: *Observed Changes in Radiographic Measurements of the First Ray Following Frontal and Transverse Plane Rotation of the Hallux: Does the Hallux Drive the Metatarsal in a Bunion Deformity.*
Second Place Award

ACFAS Annual Scientific Meeting, February 2014, Orlando FL

Feilmeier, M., **Dayton, P.**, Sedberry, S., Reimer, R. : *Does getting sutures wet postoperatively increase the incidence of infection? A Prospective Observation.*

APMA National Meeting, July 2013, Las Vegas NV

Feilmeier, M., **Dayton, P.**, Wienke, J. : *Reduction of the first intermetatarsal angle after first MTPJ arthrodesis in patients with hallux valgus.*
Kauwe, M., Hirschi, J., **Dayton, P.**, Feilmeier, M., Kauwe, J. : *Radiographic analysis of frontal plane rotation of the first metatarsal.*
Kauwe, M., Hirschi, J., **Dayton, P.**, Feilmeier, M., Kauwe, J. : *Observed changes in the first metatarsal and medial cuneiform position following first metatarsal phalangeal joint arthrodesis.*

ACFAS Annual Scientific Meeting, February 2013

DiDomenico, L., **Dayton, P.**, Fahim, R., Thomas, Z. *Objective Measurement of Frontal Plane Correction in the Modified Lapidus Arthrodesis.*

Des Moines University Research Symposium, December 2013

Gardner J, Kindred K, **Feilmeier M**, Dayton P, Reimer, RA. *Functional recovery after gastrocnemius recession in individuals with equinus-related disorders: Study protocol.*

Des Moines University Research Symposium, December 2012

Dayton, P., Feilmeier, M., Kauwe, M., Hirschi, J. : *Relationship of frontal plane rotation of the first metatarsal to proximal articular set angle and hallux alignment in patients having tarsal metatarsal arthrodesis for hallux abducto valgus: A case series and critical review of the literature.*
Most Outstanding Poster Presentation In Movement Science.

ACFAS Annual Scientific Meeting, February 2011

Edgardo Rodriguez, DPM[†]; Michael Bowen, DPM; Alex Cherkashin, MD; Mikhail Samchukov, MD; Stephen Frania, DPM; **Paul Dayton, DPM**; Gregorio Caban, DPM; Patrick Nelson, DPM. *Ilizarov Method for the Management of Pilon and Distal Tibial Fractures Fractures.*

INVITED ACADEMIC PRESENTATIONS

- 2023
- ACFAS Annual Scientific Meeting, February, Los Angeles CA
- **Industry Involvement in Innovation**
 - **Regenerative medicine for foot and ankle (Moderator)**
 - **Clinical Consensus Statement on Acute Achilles Tendon Rupture**
- Wisconsin Podiatric Medical Conference, Milwaukee WI
- **Application of Frontal Plane Rotation Technique for Bunion Correction**
 - **Foot and Ankle Surgery Myths**
- Harvard Foot and Ankle Grand Rounds, Webinar
- **Application of Frontal Plane Rotation Technique for Bunion Correction**
- Treace Medical Concepts Cadaver Training Course, Multiple National Labs
- **Application of Frontal Plane Rotation Technique for Bunion Correction**
- 2022
- Virginia Foot and Ankle Residency Grand Rounds, November 8
- **Application of Frontal Plane Rotation Technique for Bunion Correction**
- Orange County Podiatric Medical Association, October 29, Newport Beach CA
- **Application of Frontal Plane Rotation Technique for Bunion Correction**
 - **Foot and Ankle Surgery Myths**
- Harvard Foot and Ankle Virtual Conference, September 28
- **Application of Frontal Plane Rotation Technique for Bunion Correction**
- ACFAS Annual Scientific Meeting, February 23-26, Austin TX
- **Patient Reported Outcomes Following First MTP Arthrodesis for HV**
 - **Controversies in Forefoot Surgery**
 - **Everyday Pediatrics (Moderator)**
- Present Lectures Online Conference, February 5
- **Triplane Bunion Correction**
- Treace Medical Concepts Cadaver Training Course, Multiple National Labs
- **Application of Frontal Plane Rotation Technique for Bunion Correction**
- 2021
- Montana Podiatric Medical Association January, Virtual
- **Application of Frontal Plane Rotation Technique for Bunion Correction**
- ACFAS Annual Scientific Meeting, March 2021 Las Vegas NV
- **Patient Reported Outcomes Following First MTP Arthrodesis for HV**
 - **Bunions Gone Wild, Panelist**
 - **Latest in Forefoot surgery, Moderator**
 - **Complications of Hammertoe Surgery**
- Treace Medical Concepts Cadaver Training Course, Multiple National Labs
- **Application of Frontal Plane Rotation Technique for Bunion Correction**
- 2020
- University of Colorado Foot and Ankle Grand Rounds October 12, Virtual
- **Application of Frontal Plane Rotation Technique for Bunion Correction**

ACFAS Annual Scientific Meeting, February 2020 San Antonio TX

- **Frontal Plane Rotation Effects on Sesamoid Position**
- **Lapidus Cadaver lab**
- **Chairman, High Frequency procedures Lab**

IFAF Annual Sonoma Conference, June 2019, Sonoma CA

- **The Anatomy of Bunion Recurrence**
- **Medical Myths**
- **Graft Choices Beyond Allograft and DBM**

Treace Medical Concepts Cadaver Training Course, Multiple National Labs

- **Application of Frontal Plane Rotation Technique for Bunion Correction**

2019

ACFAS Annual Scientific Meeting March 2019 New Orleans LA

- **Frontal Plane Rotation Effects on Sesamoid Position**
- **Surgical Decision making in Bunion Surgery**
- **Chairman, Pre-conference lab**
- **Treatment of HIPJ disorders in Hallux Rigidus**
- **Graft Choices in Foot Surgery**

ACFAS on the Road Conference, November 2019, Torrance CA

- **Comprehensive Flatfoot Course**
- **Graft Choices for Evan's Osteotomy**

IFAF Annual Sonoma Conference, June 2019, Sonoma CA

- **The Anatomy of Bunion Recurrence**
- **Medical Myths**
- **Fixation Mechanics and Biology**

Heartland Foot and Ankle Conference, October 2017, Des Moines, IA

- **The Anatomy of Bunion Recurrence**

ACFAS Comprehensive Arthroscopy Course and Lab July, OLC, Chicago IL

- ***Establishing Portals***
- ***Treatment of soft Tissue Pathology***
- ***Wet and Dry Lab Faculty***

Treace Medical Concepts Cadaver Training Course, Multiple National Labs

- **Application of Frontal Plane Rotation Technique for Bunion Correction**

2018

ACFAS Annual Scientific Meeting March 2018, Nashville TN

- ***Frontal Plane Rotation Effects on Sesamoid Position***
- ***Hardware and Fixation Algorithm***
- ***Medial Column Instability***
- ***Graft Choice for Evan's Osteotomy***
- ***Achilles Tendon Rupture- Podcast Moderator***
- ***Jones Tenosuspension Indications and Technique***

Scripps San Diego Resident Scientific Meeting, February 2018, San Diego CA

- **Examination of the Triplane Anatomy and Mechanics of the First Ray**

- **Medical Myths**

Greenbrier Annual Scientific Meeting, June 2018, White Sulphur Springs WV

- **Examination of the Triplane Anatomy and Mechanics of the First Ray**

IPMA Annual Scientific Meeting, September 2018, Chicago IL

- **Examination of the Triplane Anatomy and Mechanics of the First Ray**

TPMA Annual Scientific Meeting, September 2018, Nashville TN

- **Examination of the Triplane Anatomy and Mechanics of the First Ray**

Heartland Foot and Ankle Conference, October 2017, Des Moines, IA

- **The Anatomy of Bunion Recurrence**
- **Do We need to Open The First MTP for Lapidus**
- **Modern Approach to Achilles Tendon Rupture**

Treace Medical Concepts Cadaver Training Course, Multiple National Labs

- **Application of Frontal Plane Rotation Technique for Bunion Correction**

2017

Heartland Foot and Ankle Conference, October 2017, Des Moines, IA

- **Examination of the Triplane Anatomy and Mechanics of the First Ray**
- **Podiatric Myths and Traditions**

KPMA Annual Scientific Meeting, September 2017, Kansas City MO

- **Examination of the Triplane Anatomy and Mechanics of the First Ray**

Texas Podiatric Medical Association Scientific Meeting, June, Austin TX

- **Examination of the Triplane Anatomy and Mechanics of the First Ray**
- **Sesamoid Alignment Considerations**
- **Evidence on Plantar Plate Repair**
- **Achilles Tendonopathy**

South Carolina Podiatric Medical Association Scientific Meeting, June, Hilton Head SC

- **Examination of the Triplane Anatomy and Mechanics of the First Ray**
- **Function after First MTPJ Fusion**
- **Mechanics and Biology of Bone Healing**

Oklahoma Podiatric Medical Association Scientific Meeting, May, Tulsa OK

- **Examination of the Triplane Anatomy and Mechanics of the First Ray**
- **First MTPJ Fusion**

Treace Medical Concepts Cadaver Training Course, Multiple National Labs

- **Application of Frontal Plane Rotation Technique for Bunion Correction**

Michigan Podiatric Medical Association Scientific Meeting, March, Traverse City MI

- **Examination of the Triplane Anatomy and Mechanics of the First Ray**
- **Lapiplasty Cadaver Training Lab**

ACFAS Annual Scientific Meeting February 2016, Austin TX

- ***Frontal Plane Rotation in the Bunion Deformity***

- ***The Importance of Sesamoid Alignment***
- ***Mechanics and Biology of Bone Healing***
- ***Functional instability of the First Ray***
- ***Moderator, Patient Experience Pod Cast***
- ***Manuscript Competition Presentations***
Dayton P, Feilmeier M, Parker K, Otti R, Reimer R, Kauwe M, Eisenschink J, Wolfe J.
Experimental Comparison of the Clinical Measurement of Ankle Dorsiflexion and Radiographic Tibiotalar Position. Winner Honorable Mention

Dayton P, Feilmeier M.: *Comparison of Tibial Sesamoid Position on Anterior Posterior and Axial Radiographs Before and After Tri-Plane Tarsal Metatarsal Joint Arthrodesis. Winner*

2016

Kent State University 8th Annual Southeast National Conference, December, Orlando FL

- **Effects of Frontal Plane Rotation on the Function and Appearance of First Ray**
- **Why We Need the Triplane TMTJ Arthrodesis**
- **First MTPJ Arthrodesis: Motion v Function**
- **Cotton Procedure Pearls**

ACFAS Complications Seminar, October, New York NY

- **First MTPJ Fusion**
- **Lisfranc's Dislocation**
- **Ankle Malunion**
- **Varus Forefoot**
- **Varus Hindfoot Fusion**
- **MTPJ Implant Failure Repair**

ACFAS on the Road, Refining High Frequency Foot Surgery, October, Bethlehem PA

- **Common Forefoot Complications and Solutions**
- **Plate and Screw Fixations ABCs**
- **Lapidus Arthrodesis**
- **First MTPJ Arthrodesis**
- **Z Osteotomy for Tailors Bunionectomy**
- **Lisfranc's Dislocation Repair**

Western Foot & Ankle Conference, June, Anaheim CA

- **The Failed Paradigm of Bunion Surgery**
- **Prevention of Surgical Site Infection**

Treace Medical Concepts Cadaver Training Course, June, Orlando FL

- **Application of Frontal Plane Rotation Technique for Bunion Correction**

DePuy/Synthes Advance Foot & Ankle Reconstruction Cadaver Lab, April, OLC Chicago IL

- ***Redefining the Three Dimensional Anatomy of the Bunion Deformity***
- **First MTPJ Function in Gait After Fusion**

ACFAS Comprehensive Arthroscopy Course and Lab April, OLC, Chicago IL

- ***Establishing Portals***
- ***Treatment of soft Tissue Pathology***
- ***Wet and Dry Lab Faculty***

DMU/ Arthrex Foot and Ankle Cadaver Workshop, March, Des Moines IA

- **Wet Lab Faculty**

28th Annual St. Louis Podiatry Seminar, March 2016, St. Louis MO

- ***Redefining the Three Dimensional Anatomy of the Bunion Deformity***
- ***First MTPJ Function in Gait After Fusion***

Stewart Memorial Hospital Medical Staff Education, March 2016, Lake City IA

- ***Connecting Communication, Patient Experience & Quality***

Treace Medical Concepts Cadaver Training Course, March 2016, Chicago IL

- ***Application of Frontal Plane Rotation Technique for Bunion Correction***

AORN Hawkeye Chapter Annual Meeting March 2016, Ames IA

- ***Medical Traditions vs. Evidence Based Medicine for Clinical Decision Support***

ACFAS Annual Scientific Meeting February 2016, Austin TX

- ***Redefining the Three Dimensional Anatomy of the Bunion Deformity***
- ***A New Perspective on Hallux Varus***
- ***Moderator, New Concepts in HAV***
- ***Moderator, Scientific Manuscript Presentation***
- ***Juvenile HAV Evaluation and Management***
- ***Cadaver Lab Faculty, High Frequency Foot Procedures***
- ***Pod Cast Moderator, Ponseti Technique for Clubfoot Treatment***

Treace Medical Concepts Cadaver Training Course, January 2016, Jacksonville FL

- ***Application of Frontal Plane Rotation Technique for Bunion Correction***

COTH Faculty Development Workshop, January 2016, Frisco TX

- ***A new way of looking at the interview process*** (Presenter, Facilitator)

2015

Treace Medical Concepts Cadaver Training Course, December 2015 Pocatello, ID

- ***Application of Frontal Plane Rotation Technique for Bunion Correction***

UnityPoint Health, Leadership Development Institute, December 2015, Fort Dodge IA

- ***Connecting Communication, Patient Experience & Quality***

Treace Medical Concepts Cadaver Training Course, November 2015, Atlanta GA

- ***Application of Frontal Plane Rotation Technique for Bunion Correction***

ACFAS Taking a Scalpel to the Evidence, (Co Chair) November 2015, Atlanta GA

- ***EBM and Quality of Care***
- ***Lisfranc's Fusion***
- ***Prevention of Surgical Infection***
- ***Minimally Invasive Calcaneal Fracture Reduction***
- ***Frontal Plane Rotation of the First Metatarsal***

Western Pennsylvania Hospital Alder Memorial Lecture Series, October 2015, Pittsburg PA

- ***Frontal Plane Rotation Association with MPAV Correction***
- ***Podiatric Surgery Myths and Traditions***

Treace Medical / Moore Orthopedics Cadaver Training Course, October 2015, Columbia SC

- **Application of Frontal Plane Rotation Technique for Bunion Correction**

AORN Meeting, Central Iowa Chapter, October 2015, Fort Dodge Iowa

- **Evidence Based Medicine vs. Medical Traditions**
- **New Paradigm of Bunion Surgery**

Heartland Foot and Ankle Conference, October 2015, Des Moines, IA

- **Patient Experience and Communication (2 Hours)**
- **Podiatric Surgery Myths and Traditions**
- **Basics of External Fixation**

Kansas Podiatric Medical Association Annual Scientific Meeting, September 2015, KC Kansas

- **Frontal Plane Rotation Association with MPAV Correction**
- **Podiatric Surgery Myths and Traditions**
- **Crossover Toe, Does the Plantar Plate Matter**

AOFAS Annual Scientific Conference, July 2015, Long Beach CA

- **Quantitative analysis of the degree of frontal rotation required to anatomically align the first metatarsal phalangeal joint during a modified tarsal-metatarsal arthrodesis**

ACFAS Arthroscopy Course/Lab June 2015, Orthopedic Learning Center, Chicago IL

- **Establishing Portals**
- **Treatment of soft Tissue Pathology**
- **Wet and Dry Lab Faculty**

Des Moines University Summer Mentored Research Program June 2015, Des Moines Iowa

- **Medical Traditions vs. Evidence Based Medicine**

ACFAS Regional Meeting May 2015, Portsmouth, NH

- **Overview Mechanics and Biology for Internal Fixation**
- **Fixation of Lapidus Procedure**
- **Fixation of First MTPJ Arthrodesis**
- **Lisfranc's Arthrodesis**

DMU Foot and Ankle Symposium, April 2015, Des Moines, Iowa

- **Co-Chair**
- **Clinical Application of Frontal Plane Rotation In HAV Surgery**
- **Overview of Evidence Based Medicine**
- **Introduction to Bi-plane Plating**
- **Cadaver Lab Faculty**

Des Moines University Best Practices in Orthotic Therapy April 2015, Des Moines, Iowa

- **Evidence Based Running Shoe Design**

ACFAS Annual Scientific Meeting February 2015, Phoenix, AZ

- **Redefining the Three Dimensional Anatomy of the Bunion Deformity**
- **Cross Over Second Toe**
- **Manuscript Reviewer**
- **Repair of Fibula Fractures**

- **Ankle Fracture Cadaver Workshop Faculty**
- **Fine Tuning with the Masters Cadaver Workshop Faculty**
- **Pod Cast Moderator: Calcaneal Fractures**

UnityPoint Clinic Regional Education Conference January 2015, Fort Dodge Iowa

- **The Role of Deformity in High Risk Foot Care**

2014

Des Moines University Research Series November 2014 , Des Moines, Iowa

- **Redefining the Three Dimensional Anatomy of the Bunion Deformity**

Indiana Podiatric Medical Association Annual Scientific Meeting October 2014, Indianapolis, IN

- **A New Direction for MPAV Treatment**
- **Timing for Getting Surgical Sites Wet**

Biomet Surgeon Training, Lecture and Cadaver Lab October 2014, Chicago, IL

- **Ankle Arthrodesis with IM Nail**
- **Biologics in Foot and Ankle Surgery**
- **Minimally Invasive Repair of Ankle Fractures**

Biomet Surgeon Training June 2014, Lecture and Cadaver Lab, Phoenix, AZ

- **Ankle Arthrodesis with IM Nail**
- **Lisfranc's Fusion**

DMU Foot and Ankle Symposium April 2014

- **Evans Calcaneal Osteotomy**
- **Dorsal Suspension Suture for Digital Surgery**
- **Application of Skin Grafts**
- **Lisfranc's Injury and Arthrodesis**
- **A new Direction for MPAV Treatment**

American College of Foot and Ankle Surgeons Annual Meeting **2014 Manuscript Competition**

Dayton P, Kauwe M, Kauwe J, Feilmeier M, Hirschi J. Observed Changes in the First Metatarsal and Medial Cuneiform Position Following First Metatarsal Phalangeal Joint Arthrodesis. Selected for podium presentation

Feilmeier M, **Dayton P, Wienke JC Jr. Reduction of the Intermetatarsal Angle after First MTPJ Arthrodesis in Patients with Hallux Valgus.** Selected for podium presentation

Dayton P, Kauwe M, Kauwe J, Feilmeier M, Hirschi. Radiographic analysis of frontal plane rotation of the first metatarsal. Selected for podium presentation

ACFAS Annual Scientific Meeting February 2014, Orlando, FL

- **Rotation or Release for MTPJ Alignment**
- **Evidence for External Fixation in Charcot**
- **Mapping out Deformities**
- **Diabetic Deformity Master Techniques Cadaver Lab**
- **Calcanectomy**
- **Manuscript Reviewer**
- **Pod Cast Participant – Hallux Varus, Lisfranc Fracture, Achilles Tendon**

Biomet Surgeon Training, Lecture and Cadaver Lab, January 2014, Tampa, FL

- ***Principles of Locked Plating***
- ***Minimally Invasive Treatment of Ankle Fractures***
- ***Posterior Calcaneal Repair***

DMU/ Orthofix Foot and Ankle Cadaver Workshop, Des Moines, IA

- **Circular External Fixation**

DMU/ Smith & Nephew Foot and Ankle Cadaver Workshop, Des Moines, IA

- **Metatarsal Fractures**

DMU/ Stryker Foot and Ankle Cadaver Workshop, Des Moines, IA

- **Evans Procedure**
- **Cotton Procedure**

2013

Learning in The Vineyards, Napa, CA

- **Critical Evaluation of HAV Management**
- **First MTPJ Function in Gait**

ACFAS Simple to Complex, Jacksonville, FL

- **Preparation for Fusion**
- **ABCs of plate fixation**

Heartland Podiatry Conference, Des Moines, IA

- **First Metatarsal Rotation in HAV**
- **Cotton Osteotomy**
- **Evan's Osteotomy**
- **Bone Graft Substitutes**

DMU/ Stryker Foot and Ankle Cadaver Workshop, Des Moines, IA

- **Lapidus Procedure**
- **First MTPJ Arthrodesis**

Orthohelix Surgeon Training, Lecture and Cadaver Lab, Henderson, NV

- ***Cotton Osteotomy***
- ***Tarso-Metatarsal Fusions***
- ***Hindfoot Fusions***

Biomet Surgeon Training, Lecture and Cadaver Lab, Henderson, NV

- ***Principles of Locked Plating***
- ***Midfoot Fusions***

ACFAS Annual Scientific Meeting, Las Vegas, NV

- ***Review of CRPS***
- ***Manuscript Judge and Reviewer***
- ***Lapidus Panel Member***

2012

TruLok Masters Club Meeting, Dallas, TX

- ***Minimally Invasive Trauma Repair & Pilon Fractures***
- ***External Fixation for Calcaneal Fractures***

Chicago Lower extremity Surgical Symposium, Chicago, IL

- ***External Fixation for Calcaneal Fractures***
- ***Cadaver Lab Instructor***

Heartland Podiatry Conference, Des Moines, IA

- ***First Metatarsal Rotation in HAV***
- ***Function after First MPJ Fusion***
- ***Dorsal Suspension for Hammertoe Correction***
- ***Principles of Locked Plates, Biology & Mechanics***

ACFAS Annual Scientific Meeting, San Antonio, TX

- ***Correction of PASA Dogma***
- ***First MPJ Fusion***
- ***Manuscript Contest Reviewer***

New Mexico Podiatric Medical Society Annual Scientific Conference, Albuquerque, NM

- ***A different Perspective of the Lapidus***
- ***MIPO for Fibula Fractures***
- ***Rational for External Fixation***

2011

DR Travel Seminar at Sea, Alaska USA

- ***Course Chair***
- ***14 hours of lecture / Evidence Based Techniques for the Foot and Ankle Surgeon***

Chicago Lower extremity Surgical Symposium, Chicago, IL

- ***Indications for External Fixation***
- ***Overview of SBI Circular External Fixators***

ACFAS First MPJ A-Z, Manhattan Beach, CA

- ***Course Chair***

ACFAS Complex Applications of Circular External Fixation, Scottsdale, AZ

- ***Course Co Chair***
- ***Pin and Wire Management***
- ***Deformity Correction***

Heartland Podiatry Conference, Des Moines, IA (***Course Chair***)

- ***Surgical Infection Prevention***
- ***Lapidus Arthrodesis***
- ***Minimally Invasive Fracture Repair***
- ***Principles of Locking Plates***

ACFAS Annual Scientific Meeting, Fort Lauderdale, FL

- ***Biomechanics of the Evan's Osteotomy***
- ***Sports Medicine Cadaver Work Shop Faculty***
- ***Complications of Plantar Fascia Release***
- ***Manuscript Contest Reviewer***
- ***Are We Addicted to Steroids***

DePuy Signature Series Lecture and Cadaver Lab, Henderson, NV

- ***Principles of Locked Plating***
- ***Lateral column Lengthening, Lecture and Cadaver Demo***

2010

HeartLand Podiatry Conference

- ***Course Chair***

TruLok Masters Club Meeting, Dallas, TX

- ***Minimally Invasive Trauma Repair & Soft Tissue Considerations***
- ***Indications for External Fixation***

DePuy Signature Series Lecture and Cadaver Lab, Miami, FL

- ***Principles of Locked Plating***

ACFAS First MPJ A-Z, Minneapolis, MN

- ***Lapidus Arthrodesis a New Perspective***

ACFAS Annual Scientific Meeting, Las Vegas, NV

- ***Evidence of Bone Stimulation***
- ***Modern Treatment of Achilles Rupture***
- ***Strategies for Prevention of Surgical Infection***
- ***External Fixation for Calcaneal Fractures***
- ***Frieberg's Infracrion***

DMU Foot and Ankle Symposium Annual Meeting

- ***Composite Bone Grafts: B-TCP and Autogenous Bone Marrow***
- ***Minimally Invasive Calcaneal Fracture Repair***
- ***Medial Dissection of First MPJ***
- ***Principles of Locked Plates***

2009

Heartland Podiatry Conference, Des Moines, IA

- ***Course Chair***
- ***Damage Control Orthopedics***
- ***Why Use a Locked Plate***
- ***Thinking Beyond the Fascia***
- ***Overview of High Risk Foot Care***
- ***First MTPJ Fusion Workshop***

2008

Heartland Podiatry Conference, Des Moines, IA

- ***Course Chair***
- ***Evidence Based Pin Care Protocol***
- ***Physiology of Arthrodiastasis***
- ***Can Sutures Get Wet***
- ***Angular Stability Fixation***

2007

Trinity Regional Medical Center, Fort Dodge, Iowa

- ***Impulse Pumps, Efficacy in DVT Prophylaxis and Swelling Reduction***

Highland Park Rehabilitation Center, Fort Dodge, IA

- ***Benign vs. Pathologic Pronation***

Palo Alto County Hospital, Emmetsburg, Iowa, and Spencer Hospital, Spencer, Iowa

- ***Ulceration Identification and Treatment***

Heartland Podiatry Conference, Des Moines, IA

- ***Angular Stability Fixation***
- ***Rational and Mechanics of External Fixation***
- ***Peroneal Tendon Pathology***
- ***First MPJ Fusion for Complicated HAV***
- ***Dorsal Suspension Stitch***
- ***Foot Pumps for DVT, PAOD and Compartment Syndrome***

2006

Heartland Podiatry Conference, Des Moines, IA

- ***Contemporary Management of Achilles Tendon Rupture***
- ***Management of Peroneal Tendon Pathology***
- ***First MPJ Arthrodesis Research Review***

Midwest Podiatry Conference, Chicago, IL

- ***Flatfoot Reconstruction Techniques***
- ***Biomechanics of Evans Calcaneal Osteotomy***
- ***Scar Revision***
- ***Compartment Syndrome Workshop***

2005

Iowa Central Community College, Fort Dodge, IA

- ***An Overview of Reconstructive Foot and Ankle Practice***

Trimark Physicians Group, Fort Dodge, IA

- ***Evaluation and Management of Flat Foot***

ACFAS Annual Scientific Meeting, New Orleans, LA

- ***Failure of First Metatarsal Osteotomy***
- ***Distal Offset "V" Osteotomy Workshop***
- ***IM Nail Workshop***

Heartland Podiatry Conference, Des Moines, IA

- ***Fixation Failure of First Metatarsal Osteotomy***

2004

ACFAS Annual Scientific Meeting, San Diego, CA

- ***Early Weight-Bearing Following First MPJ Arthrodesis***

IPMS Annual Scientific Meeting, Des Moines, IA

- ***Biomechanics of the Evan's Calcaneal Osteotomy***
- ***Soft Tissue Coverage Following Infection***

Trimark Physicians Group Fall CME, Storm Lake, IA

- ***Acute Compartment Syndrome***

2003

IPMS Annual Scientific Meeting, Des Moines, IA

- ***Reduction Of Intermetatarsal Angle Following First MPJ Reduction***

Saint Edmund High School, Fort Dodge, IA

- ***Prevention of Lower Extremity Sports Injury***

Iowa Central Community College, Fort Dodge, IA

- ***Venous Ulceration of the Lower Extremity***

2002

IPMS Annual Scientific Meeting, Des Moines, IA

- ***Ponseti Technique for Club Foot Reduction***
- ***Medial Dissection of the First MPJ***

Trinity Regional Medical Center, Fort Dodge, IA

- ***Ulceration Identification***

2001

IPMS Annual Scientific Meeting, Des Moines, Iowa

- ***First MPJ Fusion for Complicated HAV***
- ***Basic Flaps and Grafting Technique***

1996

California College of Podiatric Medicine Super Seminar, Las Vegas, NV

- ***Digital Amputation***
- ***Contact Casting***

1992

Idaho Podiatric Medical Society Annual Meeting, Coeur da lane, ID

- ***First MPJ Arthrodesis***
- ***Compartment Syndromes, Acute and Chronic***

1990

ACFAS Annual Scientific Meeting, San Francisco, CA

- ***Compartment Syndrome, Normal Values and Measurement Technique***