2024 Poster Abstracts

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APMA ANNUAL SCIENTIFIC MEETING Washington, DC | August 8–11, 2024



Abstract Competition

APMA is pleased to announce the abstract competition for the APMA 2024 Annual Scientific Meeting (The National). All non-industry-sponsored oral and poster abstracts presented at The National are eligible for the APMA Abstract Competition. A panel of judges will select the top three abstracts in each of the categories below.

First-place winners will receive \$500, second-place winners will receive \$250, and third-place winners will receive \$100. The awards will be given to the primary author only.

Winners will be announced at the conclusion of the Seventh APMA Podiatry School Student Quiz Bowl on Saturday, August 10.

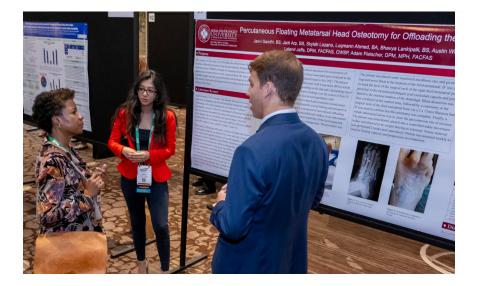
THE SIX APMA AWARD CATEGORIES ARE AS FOLLOWS:

- 1. Outstanding Oral Abstract Presentation
- 2. Outstanding American Public Health Association (APHA) Foot and Ankle Health (FAH Section) Poster Abstract*
- 3. Outstanding Large Case Study/Series Poster Abstract
- 4. Outstanding Resident Poster Abstract
- 5. Outstanding Single Case or Small Case Study/Series Poster Abstract
- 6. Outstanding Student Poster Abstract

*The Outstanding APHA Foot and Ankle Health Section Poster Abstract category recognizes one poster abstract related to public health or disparities. The primary author on the public health abstract must be a member of the APHA Foot and Ankle Health Section as well as an APMA member. Only one winner will be selected to receive \$250 and the Arthur E. Helfand, DPM, award.

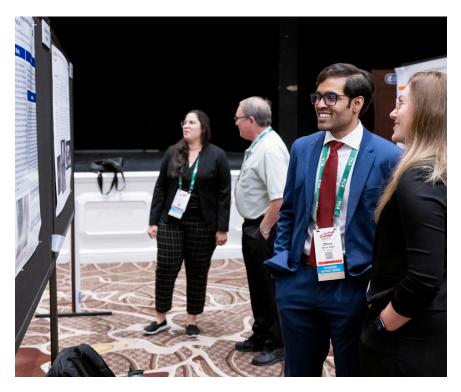
Award Criteria

The judges will consider the visual design and impact of the poster as well as the significance of the study, including its importance to the advancement of the practice of podiatric medicine and surgery. Other factors the judges will evaluate include: the study's content and clarity; specific number of cases or specimens studied; clinical or research data to support study conclusions; minimum follow-up of one year per patient for results describing reconstructive procedures; and new or modified techniques as they relate to diagnosis, surgery, complications, or other phases of podiatric medical and surgical problems.



All information is current as of July 23, 2024. Images from previous meetings by Lisa Helfert Photography.

2024 Oral and Poster Abstracts



Poster abstracts will be on display in the Walter E. Washington Convention Center from Thursday, August 8, to Saturday, August 10. On Saturday, during the Poster Abstracts Symposium from 1:30–2:30 p.m., poster abstract authors will be on hand to discuss their research findings.

Abstracts selected for oral presentation will be presented on Saturday, August 10, from 10:30 a.m.-12:00 p.m.

Oral Abstracts

Metformin Improves Outcome in Digit Amputation

Subin Siby, DPM ● Hau T. Pham, DPM Alyssa Miyasato, DPM Daniel Roh, MD

Anatomic Lateral Ankle Reconstruction with Tendon Allograft After Failed Brostrom: A Case Series and Surgical Technique Guide Madison Leyk, DPM ● Scott F. Jorgensen, DPM

How Does Total Ankle Arthroplasty Affect Fall Risk? A Nationwide Database Study of 130,982 Older Adults with Ankle Osteoarthritis Ishani Jetty, DPM ● Adam E. Fleischer, DPM, MPH Rachel H. Albright, DPM, MPH Lowell S. Weil Jr., DPM, MBA Dyane E. Tower, DPM, MPH, MS, CAE

Vitamin C Prophylaxis for Complex Regional Pain Syndrome: A Systematic Review and Meta-Analysis

Robin Judge ● Christina Pratt, DPM Kevin Miller, DPM Chuck J. Starrett, DPM

Interpositional Arthroplasty of the Fourth and Fifth Tarsometatarsal Joint with an Autologous Gastrocnemius Aponeurosis Graft: A Surgical Technique Guide and Case Series Madison Leyk, DPM ● Scott F. Jorgensen, DPM

Effects of Bunion Surgery on Fall Risk: A Nationwide Database Study of 127,990 Older Adults with Hallux Valgus

Neveen Abuali, DPM ● Adam E. Fleischer, DPM, MPH Rachel H. Albright, DPM, MPH Lowell S. Weil Jr., DPM, MBA Erin E. Klein, DPM, MS Dyane E. Tower, DPM, MPH, MS, CAE Zalak Bhatt

Functional Comparison of Controversial Levels of Midfoot Amputation Relative to the Below-Knee Amputation: Does Length Preservation Always Equate to Function Maximization? Craig J. Verdin, DPM •

Guillotine Transmetatarsal Amputations with Staged Closure Promote Early Ambulation and Limb Salvage in Patients with Advanced Chronic Limb-Threatening Ischemia Brian D. Lepow, DPM • Jeffrey A. Ross, DPM, MD Alejandro Zulbaran-Rojas, MD

Poster Abstracts

AMERICAN PUBLIC HEALTH ASSOCIATION (APHA) PODIATRIC HEALTH FOOT AND ANKLE HEALTH (FAH SECTION) POSTER ABSTRACT

1. Preoperative Patient Expectations for Hallux Valgus Surgery

> Jack Arp • Rachel H. Albright, DPM, MPH Erin E. Klein, DPM, MS Zalak Bhatt Lowell S. Weil Jr., DPM, MBA Meghan Longacre, PhD Adam E. Fleischer, DPM, MPH

LARGE CASE STUDY/SERIES

 Bullying in Podiatric Medicine and Surgery Residency Programs
 Camille P. Ryans, DPM, MPH •

Brandon M. Brooks, DPM, MPH Shenitta Moore, MD

3. Correlation Between Hemoglobin A1c and Outcomes of Elective Foot and Ankle Surgery

Jennifer A. Skolnik, DPM • Nour Nassour, MD Nicole Sciotti Mohammad Shigri Shauna-Kay Rhooms

4. Digit Amputation for Diabetic Foot Ulcer in a Safety Net Institution

Hau T. Pham, DPM • Elizabeth A. Sanders, DPM Wei M. Tseng, DPM Ewald R. Mendeszoon Jr., DPM Justin C. Ogbonna, DPM 5. The Effect of Provider Type on Fall Risk in Older Adults with Foot Pain and Disability

> Rachel H. Albright, DPM, MPH • Adam E. Fleischer, DPM, MPH Tarlan Sharifi Regan Bond, DPM Dyane E. Tower, DPM, MPH, MS, CAE

- Patient-Reported Outcomes and Functional Consequences of Ray Amputations: An Evidence-Based and PROM-Driven Approach for Functional Limb Salvage Within the Forefoot Craig J. Verdin, DPM •
- 7. Transarticular Nailing in the Traumatic Ankle Fracture Nicholas J. Laco, DPM • Thomas S. Poynter, DPM Garrett P. Wireman, DPM Alex J. Schultz, DPM Michael R. Sweeney, DPM Craig Ziegler, PhD
- 8. The Treatment of Charcot Neuroarthropathy Deformities with Flipper Foot and Ankle Arthrodesis Technique

Jeffrey D. Loveland, DPM • Aaron Mates, MD Brandon Denton, MBA

 What Matters in Total Ankle Arthroplasty Incision Management: A Systematic Review Ramez S. Sakkab, DPM • Jeffrey E. McAlister, DPM

RESIDENT

- Abscess Following Plantar Fasciitis Steroid Injection: A Case Report Preeti Kumrah, DPM, MS • Eric D. Deig, DPM Kayli A. Hurst, DPM, MS Patrick A. DeHeer, DPM
- Acute Compartment Syndrome in a Pediatric Patient Onset by Motor Vehicle Trauma Janki A. Patel, DPM •
- 12. Acute Simultaneous Correction of 4th and 5th Brachymetatarsia: A Case Report

Janki A. Patel, DPM • Taimur M. Hasan, DPM Mehgan Susek, DPM

13. Allergic-Type Reaction Following the Use of Silver Nitrate During Routine Chemical Matrixectomy

> Remmy S. Owor, DPM • Sarah Taslima, DPM Fatoumata Seydi, DPM Ahsana Islam, DPM Ayushi Deshwal, DPM

- 14. Association of Polycythemia with Increased Risk of Osseous Abnormalities and Treatment Recommendations: A Case Report Dhruv Patel, DPM ●
- 15. At-Risk Structures with Medial Malleolar Takedown: A Cadaveric Study

David M. Siegel, DPM ● Kyle D. Miller, DPM Olivia K. Hammond, DPM Gabrielle M. Uptegraph, DPM Corine L. Creech, DPM 16. An Atypical Presentation of Necrotizing Soft Tissue Infection: A Case Report

> Harvinder S. Saggi, DPM • Thomas Shannon Jr., DPM Sruti S. Kalatoor, DPM

- 17. Avascular Osteonecrosis in the Foot and Ankle Among Renal Transplant Recipients Niral A. Patel, DPM, MS ● Patrick A. DeHeer, DPM
- A Case of Cavus: Tackling Postoperative Recurrence
 Dhavel D. Chauhan, DPM ●
 Nehal Modha, DPM
- 19. A Case Series with Interpositional Arthroplasties, A Joint-Sparing Treatment of Hallux Rigidus: Functional and Patient Satisfaction Scores

Andrew Ferguson, DPM • Shalvi Prasad, DPM Zachary Haas, DPM Matthew Cobb, DPM

20. A Case Study: Necrotizing Fasciitis and Myonecrosis in an Uncontrolled Diabetic Patient Healed with Decellularized Fish Skin Morsels

> Andrew Ferguson, DPM ● Roshni Patel, DPM Madelin Ramil, DPM Meredith Sappington, DPM

- 21. Case Study of a Closed Comminuted Calcaneal Fracture Associated with Delayed Compartment Syndrome Dainelle L. Morris, DPM ● Norman Li, DPM Krishna N. Trambadia, DPM Raymond Lee, DPM
- 22. Case Study: Severe Motor Vehicle Injury Involving Open Fracture Dislocations and Subsequent Management of Postoperative Complications of Acute Compartment Syndrome and Skin Necrosis Zhisheng Shao, DPM •
- 23. Chlorhexidine Gluconate Irrigation in Limb Preservation Surgery Reduces Postoperative Dehiscence Stephanie Behme, DPM ● Kanika Kochhar, DPM
 Brian M. Schmidt, DPM
 Alton R. Johnson Jr., DPM
- 24. Comparison of Akin Osteotomy Prevalence Performed Between Lapidus Arthrodesis and Minimally Invasive Osteotomy and Fixation Techniques Shaun Novoshelski, DPM ● Isana Fils-Aime, DPM Andrew J. Meyr, DPM
- 25. Compartment Syndrome in the Foot Induced by Hematogenous Spread of Abscess

Zachary W. Hulst, DPM • Niral A. Patel, DPM, MS Patrick A. DeHeer, DPM 26. Complex Surgical Treatment in the Setting of Charcot Neuroarthropathy Preston Carr, DPM ●

Anthony J. Schwab, DPM, MS

- 27. Core Decompression for Treatment of Atraumatic Avascular Necrosis in Bilateral Ankles: A Case Report Ilham H. Syed, DPM ● Chelsae Snyder, DPM Tresa L. Wize, DPM
- 28. Description and Concordance of Intraoperative Sesamoid Axial Fluoroscopic Imaging: A Case Report and Proof of Concept Investigation

Salvatore Fazio, DPM ● Austin J. Solomon, DPM Andrew J. Meyr, DPM

29. Double Calcaneal Osteotomy in the Treatment of Pediatric Flexible Pes Planovalgus

> Nicholas D. Meek, DPM • Ellianne M. Nasser, DPM

- 30. Double, Double: Use of Double Fixation Approach to Medial Column Reconstruction in a Bilateral Charcot Reconstruction Thomas J. Yanushefski, DPM ● Ellianne M. Nasser, DPM
- 31. Dystrophic Calcinosis Cutis Treated with Sodium Thiosulfate Infusions: A Case Study Khrizma K. Stubbs, DPM ● Nicole M. Branning, DPM

- 32. The Effect of Hemodialysis on People with Diabetes
 Stephanie Behme, DPM ●
 Brian M. Schmidt, DPM
 Christopher P. Girgis, DPM
- 33. The Effect of Minimally Invasive Hallux Valgus Osteotomy and Fixation Techniques on Proximal First Metatarsal Position Following Surgical Correction Isana Fils-Aime, DPM ● Shaun Novoshelski, DPM Salvatore Fazio, DPM

Kwasi Kwaadu, DPM Andrew J. Meyr, DPM

- 34. Efficacies of Partial Plantar Fasciotomy for Treatment of Medial Interphalangeal Hallux Ulcers Alisha P. Joshi, DPM ● Raymond Lee, DPM
- 35. Examining Initial Results of a Novel Approach to Proximal Interphalangeal Joint Arthrodesis: A Case Study

Justin M. Frazier, DPM ● Robert C. Schulte, DPM Kayla V. Doughty, MA Michelle K. Yoakim, DPM

36. Give It A Brake: Open Tongue Type Calcaneal Fracture After Zip-Lining Accident

> Amelia B. Maguire, DPM • Nicole M. Branning, DPM Victoria Garcia, PhD, MPH

 37. H2 Receptor Antagonist for Treatment of Plantar Warts: A Meta-Analysis
 Porscha Dort, DPM •

Ellianne M. Nasser, DPM Mehgan Susek, DPM

38. Intramedullary Delivery of Antibiotic Coated Resorbable Calcium Sulfate Delivery to Treat Infectious Hindfoot Charcot Neuroarthropathy

> Anthony J. Schwab, DPM, MS • Lauren J. Weisel, DPM Corine L. Creech, DPM

39. Isolated Intermediate Cuneiform Fracture and Dislocation Causing Acute Vascular Compromise to the Dorsalis Pedis Artery

> Sara Kubick, DPM ● Cara Fontana, DPM Kyle D. Swanson, DPM

40. Kaposi's Sarcoma Presenting on the Foot in Non-HIV Patients: A Case Study

> Amira A. Abihaidar, DPM • Jeremy A. Britto, DPM

 Limb Preservation Utilizing Tibiotalar Calcaneal Fusion After Open Ankle Fracture with Tibial Osteomyelitis: A Case Report to Demonstrate Use in Non-Diabetic Patient Population Madison Leyk, DPM ● Kimberly L. Bobbitt, DPM Michelle L. Winder, DPM

- 42. Long-Term Follow-Up of Talar Custom Implant with Tibiotalocalcaneal Arthrodesis for Charcot Reconstruction Emily R. Merriman, DPM ● Emily C. Cleary, DPM Chelsae Snyder, DPM Tresa L. Wize, DPM
- 43. Misdiagnosed Complex Regional Pain Syndrome: A Case Report Sara Kubick, DPM ● Brandon R. Gumbiner, DPM Cara Fontana, DPM
- 44. Multidisciplinary Operative Management of a Complex Diabetic Ankle Fracture: A Comprehensive Case Report Emma R. Kayal, DPM ● Meredith Sappington, DPM Nishit Vora, DPM
- 45. An Overview of Capacity
 Evaluation in Clinical Practice
 Ralph Joseph, DPM ●
 Isana Fils-Aime, DPM
 Andrew J. Meyr, DPM
- 46. Peroneus Longus Tendon Transfer Following Rupture of Flexor Hallucis Longus Tendon Transfer: A Case Report Emily R. Merriman, DPM ● Alexandra R. Anain, DPM Tresa L. Wize, DPM

47. Pes Planus Reconstruction and Subsequent Total Ankle Replacement: A Case Study Cara Fontana, DPM ●

Roshni Patel, DPM Alexis Martinez, DPM Kyle Pearson, DPM

- 48. A Podiatric Surgeon's Role in the Interdisciplinary Management of Acral Lentiginous Melanoma
 Steven L. Smith, DPM ● Dylan Patel, DPM
 Darshan Nagesh, DPM, MS
 Trevor Smolinski, DPM
- 49. Post-Traumatic Soft Tissue Mass Causing Sural Neuritis: A Case Study Sri H. Ayyar, DPM ●
- 50. Preoperative Block Induced Tibial Neuropathy Prior to Uncomplicated Rearfoot Procedure

Gabrielle M. Uptegraph, DPM ● Corine L. Creech, DPM David M. Siegel, DPM

- 51. A Rare Case of Malignant Mesenchymal Neoplasm with YAP1-FOX01 Fusion in the Foot Shalvi Prasad, DPM ● Sarah L. Mele, DPM
- 52. A Rare Case of Unilateral Intrarticular Subtalar Joint Osteochondromatosis

Anthony J. Schwab, DPM, MS● Jugal Dharia, DPM 53. Rare Incident of Eckert and Davis Class 3 Fracture Without Peroneal Subluxation

> Jake Loitz, DPM ● Jae Yoon Kim, DPM

54. Reconstructing the First Ray: Revisional Lapidus Procedure with Calcaneal Autograft Following Complications of MIS Bunion Surgery Hannah Herring, DPM ● Liset Perez, DPM Sarah Bushnag, MS

Carolina Vigo, MS

55. Retrospective Review of Postoperative Incidence of Deep Venous Thrombosis Following Ankle Arthrodesis with Achilles Tenotomy Versus Total Ankle Replacement with Gastrocnemius Recession

> Emily R. Merriman, DPM • Leah E. Grossman, DPM Tresa L. Wize, DPM

56. Revisional Open Reduction and Internal Fixation of a Nonunion Ankle Fracture in a Smoker— A Case Report

Emily R. Merriman, DPM • Saumil F. Mehta, DPM Kimberlee B. Hobizal, DPM Tresa L. Wize, DPM 57. Salvage of Traumatic Degloving Digital Injury Using Medicinal Leeches for Venous Congestion: A Case Report Alisha P. Joshi, DPM ●

Krishna Trambadia, DPM Mirielle Blanchette, DPM

- 58. Soft Tissue Procedures for Hallux Rigidus: A Cadaveric Study Devon J. Niewohner, DPM ● Brennan K. Reardon, DPM Paula Gangopadhyay, DPM John Bonvillian, DPM
- 59. Squamous Cell Carcinoma Presenting as a Non-Healing Wound: A Case Report Damini Patel, DPM ● Wendy D. Culp, DPM Judy A. Kleman, DPM
- 60. Surgical and Conservative Management of a Non-Compliant Patient with 11.0cm Achilles Tendon Deficit Following Rupture: A Case Review to Demonstrate Surgical Pearls and Postoperative Protocol Madison Leyk, DPM ● Kimberly L. Bobbitt, DPM
- 61. Surgical Approach and Techniques for Bilateral Cuboid Navicular Coalitions: A Case Study Georgia T. Xenophontos, DPM •

62. Synovial Chondromatosis: A Rare Case Report of Dorsal Dislocation of Hallux Interphalangeal Joint Andrew E. Silman, DPM ● Kelly E. Fahey, DPM Darshan Nagesh, DPM, MS Eyad Xoubi, DPM

Daniel Stewart, DPM

63. Systemic Manifestation of Chronic Tophaceous Gout in a Patient with Uric Acid Nephropathy

> Soran Azizi, DPM • Diana T. Park, DPM Sarah L. Mele, DPM

- 64. Tetracycline-Induced Black Bone Disease: An Incidental Finding of a Podiatric Surgery Patient
 Aurora G. Oliva, DPM ●
 Alicia A. Canzanese, DPM, ATC
- 65. Tibiotalocalcaneal Fusion with Custom Talar Cage and Intramedullary Nail to Address Complicated Progressive Charcot Deformity

Gregory W. Rose, DPM, MPH ● Tara C. McElroy, DPM, MPH Miriam Niktash, DPM Rebecca L. Varney, DPM

 66. Total Ankle Arthroplasty in the Varus and Valgus Ankle: A Systematic Review of Current Concepts
 Dhavel D. Chauhan, DPM

 Ohm Raj
 Steven M. Spinner, DPM

- 67. Treatment of Medial Subtalar Joint Dislocation Without Osseous Injury in an Athlete: A Case Study Emma R. Kayal, DPM ● Fahad U. Rahman, DPM Alberto Herrada, DPM
- 68. Twin Spires: Dual Intramedullary Nail Fixation for the Treatment of Distal Tibia and Fibula Fractures Thomas S. Poynter, DPM ●

Benjamin C. McManus, DPM, MBA Blake E. Pritchett, DPM David Seligson, MD

- 69. A Typhus Among Us: An Introduction to a Rare Rickettsia Typhi Infection Alexandria A. Armstrong, DPM •
- 70. Use of Achilles Tendon-Bone Block Allograft in the Treatment of Calcaneal Osteomyelitis and Chronic Achilles Rupture: A Case Series Lily Nguyen, DPM ● Kairavi V. Vaishnav, DPM Richard E. Quint, DPM
- 71. Use of Custom Interpositional Talar Cage for Charcot Neuroarthropathy Following Failed Tibio-Calcaneal Arthrodesis Utilizing Femoral Head Allograft Harvinder S. Saggi, DPM ● Jeffery C. Zimmerman Jr., DPM Kaitlyn Krug, DPM
- 72. Use of Floating Metatarsal Osteotomies as an Effective Staged Treatment Option in Healing Plantar Ulcerations for Further Reconstructive Deformity Correction: A Case Study Evan R. Jason, DPM ● Ellianne M. Nasser, DPM
- 73. Utilization of Pinch Grafts for Wound Closure: A Case Study Shalvi Prasad, DPM ● Haywan Chiu, DPM
- 74. A Veteran's Limb Salvage Following a Life-Threatening Case of Necrotizing Fasciitis Hiba M. Mohiuddin, DPM ● Asma Jappar, DPM Hummira H. Abawi, DPM

 75. A Veteran's Limb Salvage Outcome Following a Chopart's Amputation Asma Jappar, DPM ● Hiba M. Mohiuddin, DPM Kiana R. Trent, DPM Hummira H. Abawi, DPM

SINGLE CASE STUDY OR SMALL CASE/SERIES

76. Achilles Bone-Tendon Allograft Replacement for Treatment of Chronic Insertional Tendon Rupture in the Setting of Chronic Tendinosis: A Small Case Series to Demonstrate Procedure Selection Criteria and Surgical Technique Pearls

> Danielle L. Nack, DPM ● Kyle W. Abben, DPM Kristen M. Brett, DPM

77. Biplanar Plating for Non-Union Jones Fracture with Significant Shortening and Varus Deformity: A Case Report with Two-Year Follow-Up

> Benjamin C. McManus, DPM, MBA● Michael R. Sweeney, DPM Andrew Bouwkamp, DPM

- 78. Case Report: Bilateral Achilles Tendon Partial Tear Treated Surgically with Tendon Lengthening and Application of Graft Leading to Unilateral Pain Secondary to Graft Size and Style Placement Sindhu Srinivas, DPM, MS •
- 79. Comparison of Ankle Fracture Fixation Using Intramedullary Fibular Nailing Versus Plate Fixation Calvin J. Rushing, DPM •

- 80. Conversion of Tibiotalocalcaneal Arthrodesis with Fibulectomy to Total Ankle Arthroplasty: A Case Study Ramez S. Sakkab, DPM • Zachary A. Flynn, DPM
- 81. Endoscopic Decompression of Leg Compartments for Management of Exertional Compartment Syndrome Benjamin L. Marder, DPM •

Janki A. Patel, DPM Jaipal Singh, DPM Anish Patel, DPM

82. Healing Pedal Fissures: SkinIntegra Versus Urea-40 Cream

> Rebecca A. Moellmer, DPM • Chandler P. Hubbard, DPM Faiza Zahid, DPM Reina Deogracias, DPM Abigail Ross Joel Periera

- 83. Iatrogenic Lower Extremity Wounds in a Patient with History of Bilateral Kidney Transplant Resulting in a Limb Salvage Case Sindhu Srinivas, DPM, MS •
- 84. Noctambulism Associated Traumatic Injury Following Surgical Intervention of a Hallux Valgus Deformity Requiring Complex Limb Salvage Procedures Sindhu Srinivas, DPM, MS
 Shahzad S. Ghori, DPM

- 85. Outcomes of Lisfranc and Chopart Amputations Hau T. Pham, DPM •
 - Ewald R. Mendeszoon Jr., DPM Justin C. Ogbonna, DPM Wei M. Tseng, DPM Elizabeth A. Sanders, DPM Anna-Kay K. Thompson, DPM Ashley D. Daniel, DPM Christian Costales, DPM
- 86. Podiatrists as Valuable Partners in Suicide Prevention: Feasible Suicide Risk Screening in Outpatient Podiatry

Adam K. Spector, DPM Patrick C. Ryan Annabelle M. Mournet Ritika Merai Deborah J. Snyder, MSW, LCSW-C Maryland Pao, MD Lisa M. Horowitz, PhD, MPH

 87. Prophylactic Sural Neurectomy with a Closed End Conduit
 Following Calcaneal Fractures: A Retrospective Case Study
 Gayana H. Wanniarachchi, DPM •

Roshni Patel, DPM Brandon R. Gumbiner, DPM

88. A Retrospective Review of Cases and Literature on the Benefits of Utilizing Pulsatile Insulin Therapy in Diabetes Management and its Clinical Outcomes

> Anastasios Manessis, MD • Ronald B. Delannoy Jean T. Chen-Vitulli, DPM Anthony R. Iorio, DPM, MPH Julia Reczek Tialk Patel Caroline Downs Mustapha Kobeyssi

- 89. Staged Surgical Treatment and Management for Chronic Charcot Arthropathy with Patient-Specific Custom Implant: A Novel Technique Sriya S. Babu, DPM • Patrick R. Burns, DPM
- 90. Talonavicular Fusion Rates with Augment: Comparing Dorsal Plate with Lag Screw Versus Nitinol Staple Constructs Kelly A. Kugach, DPM •

John R. Clements, DPM

91. A Unique Presentation of Necrobiosis Lipoidica in the Setting of Essential Hypertension in a Patient Having No Predictable Comorbidities Sindhu Srinivas DPM, MS ● Shahzad S. Ghori, DPM

Nichol L. Salvo, DPM

STUDENTS

- 92. An Anomaly of the Pes Anserinus and its Implications on Foot and Ankle Pathologies: A Case Study Using Cadaveric Dissection Samreen Mushtaheed ● Stephanie Belovich, PhD Ian Farnkopf, PhD Kathy J. Siesel, DPM
- 93. Applicant Perception and Content of the 2024 Podiatric Residency Interview Process

Jeneen Elagha • Andrew J. Meyr, DPM Isana Fils-Aime, DPM 94. Cannabis as a Treatment Option for Painful Diabetic Peripheral Neuropathy: A Systematic Review

> Tina Javanbakht, MPH ● Zane A. Myers Robin Judge Miko Fogarty Mary-Kate Kordash Chia-Ding Shih, DPM, MPH, MA Jasmine Magsino

95. The Effect of Antibiotic Treatment and Gene Expression of Mex B Efflux Transporters on the Resistance in Pseudomonas Aeruginosa Biofilms

> Evan E. Kello • Rochelle Greenberg Parth Parikh Joseph S. Palladino David Abgin Daniel Yaeger, DPM Paramita Basu, PhD

96. The Effect of Metformin with Vitamin B12 in Type II Diabetic Patients with Foot Ulcers Camellia Russell ● Joseph Park, DPM

97. Evaluating Commercially Available Artificial-Intelligence Chatbot Accuracy in Identifying Hallux Abducto Valgus Deformity and Providing Surgical Recommendations: A Comparative Study

Biao Zhang, MS ● Ronald B. Delannoy Mohammad Shigri Emil Gulman Nikolay Igdalov, MS Matrona Giakoumis, DPM

- 98. Health Literacy and Learning Preferences for Peripheral Arterial Disease in San Francisco Chinese-Speaking Communities Hoanganh Chau ● Sarah Hassan Tiffany Lee, MPH Brandon M. Brooks, DPM, MPH Chia-Ding Shih, DPM, MPH, MA
- 99. Inter-Rater Reliability of Diagnostic Ultrasound of the Plantar Fascia Samantha J. Gantenbein ● Mathew J. Johnstone, DPM
- 100. Is a Percutaneous Approach as Good as Open Reduction Internal Fixation for Intra-Articular Calcaneal Fractures? A Systematic Review and Meta-Analysis

Tina Javanbakht, MPH ● Vishnupriya Bodempudi, MS Claudia Melkonian, MS Gerard Coughlin, DPM Chia-Ding Shih, DPM, MPH, MA

101. Location of Subsensory Vibration and its Effects on Balance Control—A Pilot Study Monica Thokkudubiyyapu, MBA ●

Ceclina Cao Stephanie C.S. Wu, DPM Sai Yalla, PhD

 102. A Meta-Analysis of Regional Disparities in the Pathogens Abundance Patterns of Diabetic Foot Infections Globally Nicole R. Sciotti ● John R. Reveral Chris Richter, MPH Paramita Basu, PhD Daniel Yaeger, DPM

103. The Oblique Watermann Osteotomy for Joint Preservation in End-Stage Hallux Rigidus

Jack Arp ● Noora Hussain, MS Ashna Thaker, MS Aimen Khurram Katherine Roush Austin Wheatley Annika Waller Eric A. Arp, DPM

104. Polymicrobial Biofilms in Terbinafine-Resistant Onychomycosis

Akashpreet S. Riar ● Ramesh Seepersaud Parmita Basu, PhD Anthony R. Iorio, DPM, MPH

105. Potential Fall Risk of Control Ankle Motion Walker: A Balance Analysis

Tina Javanbakht, MPH ● Abdulla M. Ismail Chia-Ding Shih, DPM, MPH, MA

106. Racial Disparities in Diabetic Limb Amputation in Million Veteran Program Participants

Halle Krebs ● Talia M. Woody, MHA Austin M. Combs DeAsia Garrett James C. Connors, DPM

107. Reducing Lower Extremity Amputations via Peer Support Interventions: A Scoping Review

Sophia Sorrentino • Brittany M. Cook Sanam N. Jhaveri Mohammad S. Javed Tze-Woei Tan, MD, MPH David G. Armstrong, DPM, MD, PhD Ryan T. Crews, PhD, CCRP

108. Repair of a Spontaneous Rupture of the Tibialis Anterior Tendon with Retraction: A Case Report

Monica Thokkudubiyyapu, MBA • Eduardo A. Badillo Colberg, MS Maya Shaitrit Mia Thomson Gabriela Calderon Pooja Patel, MS Gurkiran Kaur Diego Alejandro Adriona Thomas, MS Selena Sanchez-Giancola Vincenzo Palmieri, DPM •

109. A Systematic Review of Autolytic Debridement of Diabetic Foot Ulcer Jasmine Shaikh ● Svetlana Lopata, DPM

110. Visual Feedback Program for Diabetic Populations to Reduce Tibial Acceleration

Ceclina Cao ● Sai Yalla, PhD Stephanie C.S. Wu, DPM Monica Thokkudubiyyapu, MBA

INDUSTRY-SPONSORED ABSTRACTS

111. A Case Study Evaluating the Use of Capsaicin 8% Topical System to Alleviate Alcohol-Induced Neuropathic Pain

> Jay L. Seidel, DPM • Krys Marotta, PharmD Sam Allen, PhD

- 112. Characterization of Patients With Plantar Fibromatosis: Examining Baseline Characteristics From a Phase 2 Study of Collagenase Clostridium Histolyticum
 - Joseph M. Caporusso, DPM Jason M. Levy, DPM Saadiq El-Amin, MD Sara E. Suttle, DPM James Tursi, MD Nigel Jones, PharmD Luis Ortega, MD Gongfu Zhou, PhD C. James Anderson, DPM

113. Clinical Characteristics of Plantar Fibromatosis Derived from Transcription Notes

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