2024 Poster Abstracts

See your colleagues’ research at The National 2024!
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.
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
AMERICAN PUBLIC HEALTH ASSOCIATION (APHA) PODIATRIC HEALTH FOOT AND ANKLE HEALTH (FAH SECTION) POSTER ABSTRACTS

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

2. 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

6. 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

   Ramez S. Sakkab, DPM ●
   Jeffrey E. McAlister, DPM ●

● Primary Author   ● Primary Student or Resident Author
RESIDENT

10. 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

11. Acute Compartment Syndrome in a Pediatric Patient Onset by Motor Vehicle Trauma
    Janki A. Patel, DPM ●

    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

    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

    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

18. A Case of Cavus: Tackling Postoperative Recurrence
    Dhavel D. Chauhan, DPM ●
    Nehal Modha, DPM

    Shalvi Prasad, DPM ●
    Andrew Ferguson, 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
    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

● Primary Author  ● Primary Student or Resident Author
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

41. **Limb Preservation Utilizing Tibiotalar Calcaneal Fusion After Open Ankle Fracture with Tibial Osteomyelitis: A Case Report to Demonstrate Use in Non-Diabetic Patient Population**
   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  
Daniel Stewart, DPM

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
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

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 Japar, 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 Mushtaatheed  
Stephanie Belovich, PhD  
Ian Farnkopf, PhD  
Kathy J. Siesel, PhD

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**
   Zane A. Myers ●
   Tina Javanbakht, MPH
   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**
    Vishnupriya Bodempudi, MS ●
    Claudia Melkonian, MS
    Gerard Coughlin, DPM
    Tina Javanbakht, MPH
    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
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