

A night-time photograph of the Nashville skyline, featuring the AT&T Building and other illuminated skyscrapers. The city lights reflect on the water in the foreground. A large, colorful graphic element consisting of overlapping pink, blue, and yellow curved shapes is positioned in the lower-left and bottom areas of the image.

2023 POSTER ABSTRACTS

*The
National*

APMA ANNUAL
SCIENTIFIC MEETING
NASHVILLE | JULY 13-16, 2023

apma 

ABSTRACT COMPETITION

APMA is pleased to announce the abstract competition for the APMA 2023 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 during the Breakfast Symposium on Sunday, July 16 at 7:00 a.m.

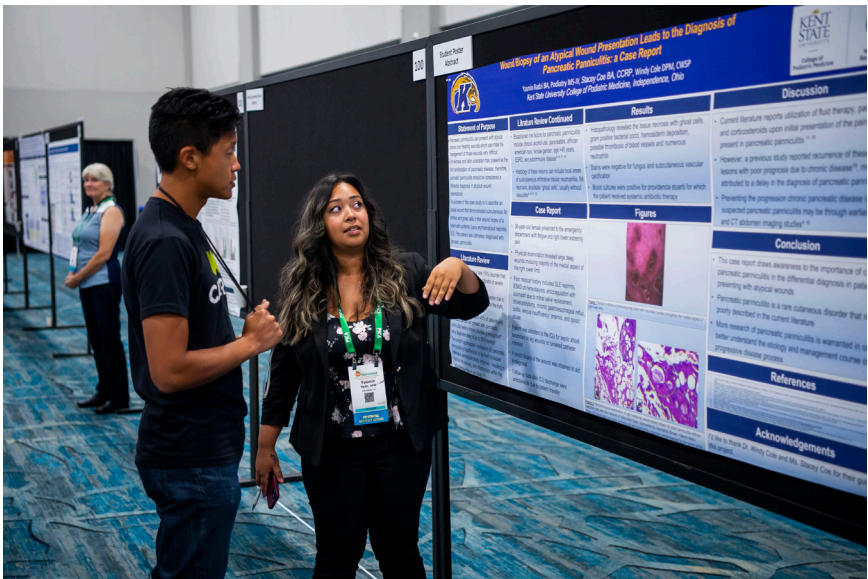
THE SIX AWARD CATEGORIES ARE AS FOLLOWS:

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

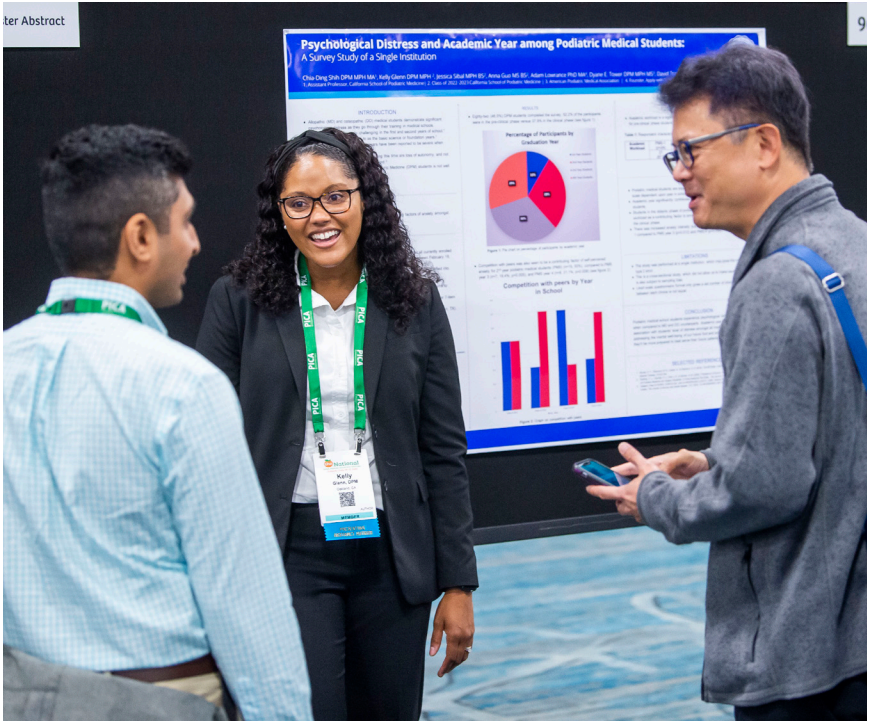
The judges will consider the visual design and impact of the poster as well as the significance of the study, including its importance to the advancement of the practice of podiatric medicine and surgery. Other factors the judges will evaluate include: the study's content and clarity; specific number 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 June 1, 2023. Images from previous meetings by Lisa Helfert Photography. Images by Shutterstock.com except where noted.

2023 ORAL AND POSTER ABSTRACTS

Poster Abstract



Poster abstracts will be on display in Tennessee Lobby A and Tennessee Ballroom C in the Gaylord Opryland Resort & Convention Center from Thursday, July 13, to Saturday, July 15. 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.

ORAL ABSTRACTS

Association of Elevated Body Mass Index, Diabetes Mellitus, and Smoking Status Related to Postoperative Complications Following Deep Tendon Transfers of the Foot and Ankle: A Retrospective Review

Emily R. Merriman, DPM ●
 Chelsae L. Hughes, DPM
 Martha D. Klingbeil, DPM
 Kimberlee B. Hobizal, DPM, MHA
 Tresa L. Wize, DPM

Is Intermetatarsal Angle a Static Deformity in Moderate Hallux Valgus? Fluoroscopic Manual Stress Imaging to Assess Maximum and Minimum Transverse Plane Range of Motion of the First Tarsometatarsal Joint

Gabriella A. Ley, DPM ●
 Chloe F. Sakow, DPM, MPH
 Troy J. Boffeli, DPM

Surgical Repair of Atraumatic Tibialis Anterior Tendon Ruptures with Extensor Hallucis Longus Tendon Transfer: A Case Series Reviewing Surgical Technique and Intermediate Outcomes

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

Augmenting the Deltoid Ligament with Posterior Tibial Tendon Transfer: A Novel Technique

Yumna Siddiqui, DPM ●
 Stephanie Wu, DPM
 Jones Thomas, DPM
 Ian B. VanderGulik, DPM
 Hummira H. Abawi, DPM

Transarticular Delta Screw Configuration for Primarily Ligamentous Lisfranc Injuries

Spencer R. Arndt, DPM ●
 Kristen M. Brett, DPM
 Kyle W. Abben, DPM

Effect of Medicaid Expansion on Diabetic Foot Visits in Emergency Department: A Retrospective Administrative Data Analysis

Chia-Ding (JD) Shih, DPM, MPH, MA ●
 Tina Javanbakht, MPH
 Tze-Woei Tan, MD, MPH
 Dyane E. Tower, DPM, MPH, MS, CAE

POSTER ABSTRACTS

American Public Health Association (APHA) Podiatric Health Foot and Ankle Health (FAH Section) Poster Abstract

1. **A Novel Postoperative Opioid Educational Intervention Entitled the Ten Principles of Opioid Prescribing in Foot and Ankle Surgery: A Four-Year Pre-Post, Mixed Methods Mega-Study**

Camille P. Ryans, DPM ●
 Brandon M. Brooks, DPM,
 MPH
 Chia-Ding (JD) Shih, DPM,
 MPH, MA
 Jeffrey M. Robbins, DPM
 Dyane E. Tower, DPM, MPH,
 MS, CAE

Large Case Study/Series

2. **30-Day Readmission Following Outpatient Transmetatarsal Amputation in the Geriatric Population: An ACS NSQIP Analysis**
 Dominick J. Casciato, DPM ●
 Karen Kirkham, MD
 Jacob Wynes, DPM, MS
3. **Are Intramedullary Fibular Nails Cost Effective from a US Payer's Perspective?**
 Rachel H. Albright, DPM,
 MPH ●
 Adenike Adeyemo
 Adam E. Fleischer, DPM, MPH

4. **Association of Frailty Status and Outcomes of Diabetic Foot Ulceration: A Prospective Cohort Study**
 Tze-Woei Tan, MD, MPH ●
 Tina Javanbakht, MPH
 Sugku Han, MD, MS
 Laura Shin, DPM, PhD
 David G. Armstrong, DPM,
 MD, PhD
 Chia-Ding (JD) Shih, DPM,
 MPH, MA
5. **Clinical Outcomes in Soft Tissue Infections versus Osteomyelitis in Patients with Diabetic Foot Infections**
 Mehmet A. Suludere, MD ●
 Amanda L. Killeen, DPM
 Peter A. Crisologo, DPM
 Lawrence A. Lavery, DPM, MPH
6. **Comorbidities in Failed Transmetatarsal Amputations**
 Hau T. Pham, DPM ●
 David L. Coker, DPM
 Marall Abbaszadeh, DPM
 Christian C. Costales, DPM
 Anna-Kay K. Thompson, DPM
7. **Comparing Clinical Characteristics and Short-Term Outcomes Between Geriatric and Non-Geriatric Patients Undergoing Charcot Reconstruction**
 Dominick J. Casciato, DPM ●
 Shehryar Raja, DPM
 Gregory C. Aubertin, DPM
 Karen Kirkham, MD
 Jacob Wynes, DPM, MS

8. **Correlation Between Clinical Hypermobility Measurement and Radiographic Parameters of the Hallux Valgus Deformity**
Andrew J. Meyr, DPM ●
Kushkaran Kaur, DPM
9. **The Efficacy of Lidocaine with Epinephrine in Digital Nerve Blocks: A Systematic Review and Cross-Sectional Study with National Recommendations for Nail Surgery**
Brandon M. Brooks, DPM, MPH ●
Chia-Ding (JD) Shih, DPM, MPH, MA
Bradley M. Brooks, DO
Brady M. Brooks, DO
10. **Fusion Rate of Orthobiologics versus Autograft in the Foot and Ankle**
Farheen Iqbal, DPM ●
Emily Kleinbart
Vineeth Romiyo
Bianca R. Karmaker, DPM
Krystal Hunter, PhD, MBA
Erik C. Freeland, DO
11. **Liposomal Bupivacaine in Elective Forefoot Procedures**
Stephen T. Gorda, DPM ●
Steven B. Cancell, DPM
David M. Millili, DPM
Daryl J. Silva, DPM
Pietro Gentile
12. **Minimally Invasive Distal Fifth Metatarsal Osteotomy with Intramedullary Device for Bunionette Correction**
Jeffrey D. Loveland, DPM ●
13. **Morbidity and Mortality of the Transmetatarsal Amputation**
Andrew J. Meyr, DPM ●
Russell Hill, DPM
Kavya Ajbani
Benita Jebackumar
Temitope Adebayo
14. **Opioid Prescribing Approaches in Limb Salvage Surgery, “One Size Fits All” versus “Patient-centric and Procedure-Focused,” among Podiatric Physicians: A Cross-Sectional Study**
Brandon M. Brooks, DPM, MPH ●
Chia-Ding (JD) Shih, DPM, MPH, MA
Dyane E. Tower, DPM, MPH, MS, CAE
15. **Postoperative Opioid Prescribing Practice in Limb Preservation Surgery**
Brandon M. Brooks, DPM, MPH ●
Chia-Ding (JD) Shih, DPM, MPH, MA
Reed W.R. Bratches, PhD
Bradley M. Brooks, DO
Lili Hooshivar
Gary M. Rothenberg, DPM
Kristina B. Wolff, PhD, MPH, MS

16. **Retrospective Case Series of 10 Neuropathic Patients that Underwent Primary Tibiotalocalcaneal Arthrodesis Following Acute Trimalleolar Ankle Fracture**
 Jeffrey D. Loveland, DPM ●
 Brandon Denton, MBA
17. **The Use of Biomarkers to Monitor Diabetic Foot Osteomyelitis: A Meta-Analysis**
 Elizabeth A. Ansert, DPM, MBA, MA ●
 Mehmet Suludere, MD
 Arthur Tarricone, DPM
 Peter A. Crisologo, DPM
 Lawrence A. Lavery, DPM, MPH
18. **Abnormal Presentation of Deep Peroneal Nerve Compression in Distal Lower Extremity: A Case Report**
 Jackson Towers, DPM ●
 Barry Bernstein, DPM
19. **Adjunct Systemic Approach for Optimal Wound Healing in Sickle Cell Patients**
 Anna-Kay K. Thompson, DPM ●
 David Coker, DPM
 Hau T. Pham, DPM
 Elizabeth Sanders, DPM
 Vitalyi Volansky, DPM
20. **Adult Macroductyly: A Case Study**
 Makenzie Kerns, DPM ●
 Matthew A. Gorski, DPM
 Kristine M. Hoffman, DPM
21. **Association of Preoperative Labs and 30-Day Mortality in Patients Undergoing Transmetatarsal Amputation**
 Waleed Mirza, DPM ●
 Adam E. Fleischer, DPM, MPH
 Rachel H. Albright, DPM, MPH
 Jeffrey Baker, DPM
 Abad Majeed, DPM
22. **Boom, Shake, and Drop! Case Report of Traumatic Achilles Tendon Rupture**
 Joseph J. Lynott, DPM ●
 Charlene Dennemeyer, DPM
23. **Calcaneonavicular Coalition Resection in Conjunction with Kidner Procedure and Bone Wax Application**
 Jian Zeng, DPM ●
 Riya Vyas, DPM
 Junaid Khazi, DPM
 Maggi Smith, DPM
24. **A Case of Diffuse Large B-Cell Lymphoma in the Metatarsal Bone**
 Khanh Phuong S. Tong, DPM, MSc ●
 Amber R. O'Connor, DPM
25. **A Case of Symbrachydactyly in the Foot**
 Gabriel C. Cooper, DPM ●
26. **Case Report: Limb Salvage and Reconstruction in a Non-Complaint Patient in the Eminence of Major Amputation**
 Tiffany Cerda, DPM ●
 Divyesh Mehta, DPM
 Qossay Takroori, DPM
 Mario Cala, DPM

27. **Case Report: Recurrent Invasive Lobular Mass in an Athletic Female Soccer Player**
Tiffany Cerda, DPM ●
Luis Rodriguez Anaya, DPM
28. **Case Study on Novel Technique for Limb Salvage of Acute Calcaneal Osteomyelitis Through Calcaneal Allograft Reconstruction with Abductor Digiti Minimi Quinti**
Norman Li, DPM ●
Raymond Lee, DPM
29. **Charcot Neuroarthropathy Superimposed with Gout: A Case Report**
Sarah Mansager, DPM ●
Asma Jappar, DPM
Jacob Wynes, DPM, MS
Dominick J. Casciato, DPM
30. **Combination Fixation Technique for Repair of a Salter-Harris IV Fracture: A Case Report**
Emily N. Barnes, DPM ●
Ellianne M. Nasser, DPM
Mark J. Micciche, DPM
31. **Comparative Analysis of Rate of Recurrence Utilizing Sodium Hydroxide Versus Phenol for Permanent Toenail Matrixectomies**
Sindhu Srinivas, DPM, MS ●
Sarah Strickland, DPM
Ellianne M. Nasser, DPM
Idorenvin F. Udoeyo, MPH
32. **Comparative Outcomes of Non-Weightbearing versus Protected Weightbearing Postoperative Protocols Following Major Tendon Transfer in the Neuropathic Population**
Lahari Madulapally, DPM ●
Son Tran, DPM
Jayson Atves, DPM
Thomas Milisits, DPM
33. **Complicated Problems Solved with the Use of 3D Printing: A Case Series**
Akshay Jain, DPM ●
Patrick R. Burns, DPM
Ryan Leach, DPM
34. **Congenital Bilateral First Brachymetatarsia as Etiology of Adult Flatfoot**
Taimur Hasan, DPM ●
Nicole Branning, DPM
35. **Conservative Treatment of Distal Tibial Infarction with the Use of Immobilization and Assessed with Advanced Imaging Modalities**
Dainelle L. Morris, DPM ●
Daniel B. Hennessy, DPM
36. **Considerations for Surgical Resection of Squamous Cell Carcinoma of the Foot**
Alex Pilkinton, DPM ●
Suhail Masadeh, DPM
Michael Liette, DPM

37. **Cost Comparison of Four-Pronged Staple versus Dorsal Plate with Interfragmentary Screw for First Metatarsophalangeal Joint Arthrodesis: A Cost Analysis**
Nicholas A. Fifelski, DPM ●
Kelly A. Kugach, DPM
Simranjit Sandhu, DPM
John R. Clements, DPM
38. **Current Concepts on Calcaneal Evans Osteotomy: Fixation and Grafts**
Bennett J. King, DPM ●
39. **Diagnosis of Three Neoplasms to the Bilateral Lower Extremities in the Presence of In-Situ Ductal Carcinoma of the Right Breast: A Case Study**
Jaclyn D. Wessinger, DPM ●
Ellianne M. Nasser, DPM
Elaine O'Donnell, DPM
40. **Evaluation and Surgical Treatment of an Overcorrected Pediatric Talipes Equinovarus in an Adult Patient: A Case Study**
Garrett P. Wireman, DPM ●
Alexander J. Schultz, DPM
Nicholas J. Laco, DPM
41. **External Fixation and 3-D Modeling for Correction of Ankle Joint Nonunion: Case Study**
Tobee P. Gunter, DPM ●
Collin Pehde, DPM
Matthew Novak, DPM
Andrew C. Horrocks, DPM
42. **The First Documented Case of Pedal Candida Glabrata Osteomyelitis with Concomitant Candidemia Infection**
Allison C. Fischer, DPM ●
John Stanger, DPM
Kashi Nassau, DPM
Julie Y. Lin, DPM
43. **Functional Ambulation Without Lower-Leg Muscles or Nerves**
Porscha Dort, DPM ●
John Parenti, MD
Ellianne M. Nasser, DPM
Kathya Zinszer, DPM
David Troutman, DPM
44. **Functional Reconstruction of Volkmann's Contractures After Compartment Syndrome of the Foot and Ankle**
Marian R. Kavanaugh, DPM ●
Kurtis Bertram, DPM
45. **Incidence of Concomitant Injuries Occurring with Talus Fractures: An ACS-NSQIP Database Study**
Abad Majeed, DPM ●
Rachel H. Albright, DPM, MPH
Jeffrey R. Baker, DPM,
Waleed Mirza, DPM
Adam E. Fleischer, DPM, MPH

46. **Induced Membrane Technique with Non-Vascularized Fibular Bone Autograft in Arthrodesis of First MTPJ Joint Following Septic Arthritis**
Alex Pilkinton, DPM ●
Suhail Masadeh, DPM
Michael Liette, DPM
47. **Lesser Metatarsophalangeal Joint Implant Arthroplasty: A Case Series Highlighting Treatment of Degenerative Joint Disease in the Lesser Metatarsophalangeal Joints**
Michaela Heys, DPM ●
Kristen M. Brett, DPM
Garrett Nelson, DPM
Kyle Abben, DPM
48. **Limb Salvage Following Traumatic Lawnmower Injury with Use of External Fixation, Bilayered Skin Substitute, and Negative Pressure Wound Vac Therapy**
Gina M. Palazzi, DPM ●
Ellianne M. Nasser, DPM
49. **The Louisville Allograft Cocktail for Back-filling of Intraosseous Lipomas of the Calcaneus**
Michael Sweeney, DPM ●
Taylor M. Hale, DPM
Thomas Poynter, DPM
Timothy Ford, DPM
50. **Morbidity Associated with Distal Tibial Autograft Harvest**
Akshay Jain, DPM ●
Katie Springer, DPM
Aaron Rathsam, DPM
Krishnan Perumbala, DPM
Patrick R. Burns, DPM
51. **Novel Approach for Treatment of Recurrent Plantar Fibroma**
Junaid M.Z. Khazi, DPM ●
Todd Sautter, DPM
Riya Vyas, DPM
Jian Zeng, DPM
Gregory Black, DPM
52. **Nutritional Impact on Bone Healing**
Nicole Curreri, DPM ●
Jordan DeHaven, DPM
53. **The Outcome of Staged Bilateral Subtalar Arthroereisis of Symptomatic Pediatric Flexible Pes Planovalgus**
Joseph H. Kim, DPM ●
Nicole Branning, DPM
54. **Outpatient Surgical Fixation of Complicated Calcaneal Fractures Pose No Excess Risk for 30-Day Complications**
Abad Majeed, DPM ●
Rachel H. Albright, DPM, MPH
Jeffrey Baker, DPM
Waleed Mirza, DPM
Adam E. Fleischer, DPM, MPH

55. **Periarticular Open Wedge Midcalcaneal Osteotomy for Severe Valgus Deformity and Associated Tarsal Coalitions**
Ben M. Tonsager, DPM ●
Chloe F. Sakow, DPM, MPH
Troy J. Boffeli, DPM
56. **Plantar Fascial Releases for Right Hallux Interphalangeal Neuropathic Ulcer**
Asad Sayeeduddin, DPM ●
Joy Kannookaden, DPM
Shoueb Malik, DPM
Jason Rosenblum, DPM
Fred Diel, DPM
57. **The Podiatric Surgical Resident and the Infectious Disease Rotation: Highlighting a Need for Standardization Across Residency Programs in the Face of Covid-19**
Sindhu Srinivas, DPM, MS ●
Ellianne M. Nasser, DPM
Idorevin F. Udoeyo, MPH
Jaclyn Wessinger, DPM
Amit Sharma, MD
Diksha Mohapatra, DPM
58. **Post-Traumatic Thrombosis of the Lateral Plantar Vein: A Case Report**
Uzair Amjad, DPM ●
Michael I. Gazes, DPM
Steven Vyce, DPM
59. **Prevalence of Deep Venous Thrombosis in the Treatment of Diabetic Foot Ulcers with Total Contact Casts**
Robin Tsai, DPM ●
Sebouh Bazikian
Stephanie Woelfel, PT, DPT, CWS
Laura Shin, DPM, PhD
David G. Armstrong, DPM, MD, PhD
60. **Pyoderma Gangrenosum, a Rare Dermatological Manifestation in the Lower Extremity: A Retrospective Case Series**
Gayana H. Wanniarachchi, DPM ●
Sara E. Kubick, DPM
Kyle D. Swanson, DPM
Brandon R. Gumbiner, DPM
Leland Jaffe, DPM
61. **A Rare Case of Gabapentin-Induced Compartment Syndrome of the Lower Extremity**
Varsha Atuluru, DPM ●
Aria Mansoori, DPM
Paul J. Carroll, DPM
62. **A Rare Case of Marjolin Ulcer and Squamous Cell Carcinoma in the Foot: A Case Report**
Adam Ferguson, DPM ●
Nicole G. Delino, DPM
LeAnn Alland, DPM

63. **A Rare Case of Pancreatitis, Panniculitis, and Polyarthrits Syndrome Necessitating Pedal Amputation**
Joseph F. Dobbs, DPM ●
Hannah G. Mayo, DPM
Kristine M. Hoffman, DPM
Matthew A. Gorski, DPM
64. **A Rare Case Report of Hematogenous Spread Osteomyelitis After Isolated Fibular Fracture**
Shalvi Prasad, DPM ●
David Hyer, DPM
Atish Anit Kumar
Sarah Mele, DPM
65. **Rare Extradigital Glomus Tumor of the Ankle: A Case Report**
Isana Fils-Aime, DPM ●
Rose Lipari
Jane Pontious, DPM
66. **A Rare Presentation of Recurrent Verrucous Squamous Cell Carcinoma of the Plantar Foot: A Case Study**
Jared Blum, DPM ●
67. **Retrospective Case Study: Successful Lisfranc Amputation in Uncontrolled Diabetic**
Alexis Martinez, DPM ●
Sara Kubick, DPM
Brandon R. Gumbiner, DPM
68. **Successful Management of Compartment Syndrome Secondary to Crush Injury**
Joy Kannookaden, DPM ●
Asad Sayeeduddin, DPM
Shoueb Malik, DPM
Nathan Windsor, DPM
Jason Rosenblum, DPM
69. **Successful Management of Infection Following Surgical Treatment of a Calcaneal Avulsion Fracture Involving the Achilles Tendon**
Rachit Shah, DPM ●
Alexis Martinez, DPM
James H. Whelan, DPM
70. **Supramalleolar Osteotomy for Traumatic Varus Ankle: A Case Report**
Christopher J. Eberle, DPM ●
Morgan Faanes, DPM
71. **Surgical Intervention for Acute Charcot Neuroarthropathy with Iliazarov External Fixation**
Sri H. Ayyar, DPM ●
Ellianne M. Nasser, DPM
72. **Surgical Management of a Unique Variation of the Peroneal Tendons**
Stephanie Wu, DPM ●
Yumna Siddiqui, DPM
Ian VanderGulik, DPM
Nabih Masri, DPM
Emily Durrance, DPM

73. **Surgical Management of Volkman's Contracture of the Lower Extremity following Acute Compartment Syndrome**
Gabriel Cooper, DPM ●
Jasmine Hawkins, DPM
Raymond Lee, DPM
74. **Tenosynovial Giant Cell Tumor in the Foot**
Anna-Kay K. Thompson,
DPM ●
Hau T. Pham, DPM
Ewald Mendeszoon, DPM
75. **The Three-Year Wound: Aggressive Management of a Long-standing Diabetic Foot Ulceration**
Taylor M. Hale, DPM ●
Nicholas Laco, DPM
Thomas Poynter, DPM
Michael Sweeney, DPM
76. **Tibiocalcaneal Arthrodesis with Intramedullary Nail in Charcot Reconstruction**
Makenzie Kerns, DPM ●
Matthew A. Gorski, DPM
Kristine M. Hoffman, DPM
77. **Use of Allograft Adipose Matrix in a Post-Traumatic Patient with Complete Fat Pad Loss in the Heel**
Breana Marine, DPM ●
Shuja Abbas, DPM
Lady Paula DeJesus, DPM
Ahmad Saad
78. **Use of Minimally Invasive Burr for Floating Osteotomies in the Diabetic Foot Ulcer: A Treatment Algorithm**
Thomas Poynter, DPM ●
Michael Sweeney, DPM
Alexander Schultz, DPM
Garrett Wireman, DPM
Taylor M. Hale, DPM
Jonathan Towarnicki, DPM
79. **Utility of the Intrinsic Muscle Flaps in Diabetic Limb Salvage: A Clinical Case Series**
Alex Pilkinton, DPM ●
Suhail Masadeh, DPM
Michael Liette, DPM
80. **Utilization of Minimally Invasive Surgery for Plantar Resection to Aid in Offloading Midfoot Collapse**
Garrett Wireman, DPM ●
Alexander Schultz, DPM
Taylor M. Hale, DPM
Jonathan Towarnicki, DPM
81. **When Lightning Strikes Twice: Tarsal Tunnel Syndrome in the Presence of Soleal Sling Syndrome**
Amelia B. Maguire, DPM ●
Ellianne M. Nasser, DPM

**Single Case Study or
Small Case/Series**

82. **10-Year Follow-Up on a Talar Osteochondral Allograft Implantation with Intraoperative Visualization during a Total Ankle Replacement**
Patrick McEneaney, DPM ●
Muhammed S. Shamim, DPM
Peter Lovato, DPM
Rimvydas Statkus, DPM
83. **Complications of Femoral Head Allograft In Charcot Reconstruction**
Patrick R. Burns, DPM ●
Cameron Meyer, DPM
Danika Anderson, DPM
Drew Anderson, DPM
84. **Fifth Metatarsal Base Osteomyelitis One-Year and Five-Year Morbidity Rates**
Jeffrey Manway, DPM ●
Karissa Badillo, DPM
Elizabeth Oh, DPM
Patrick R. Burns, DPM
85. **Geometric Analysis of Minimally Invasive Hallux Valgus Surgery Fixation: A Case Report**
Andrew J. Meyr, DPM ●
Asher Cherian, DPM
Kwasi Kwaadu, DPM
86. **Guy Got Got By Gout! Case Study of Ruptured Achilles Tendon**
Joseph Lynott, DPM ●
Charlene Dennemeyer, DPM
87. **Incorporation of FHL Tendon into the Achilles Tendon to Improve Function**
Jason R. Miller, DPM ●
Krista J. Kotzeva, DPM
Ryan Tonucci, DPM
Jessica Somma, DPM
88. **Patient-Reported Outcomes in Older Adults after Simultaneous and Staged Bilateral Hallux Valgus Surgery**
Adam E. Fleischer, DPM, MPH ●
Erin E. Klein, DPM, MS
Rachel H. Albright, DPM, MPH
Lowell Weil Jr., DPM
89. **Presentation of Lower Extremity Frostbite in Relation to Daily Minimum Temperatures at an Urban Institution**
Andrew J. Meyr, DPM ●
Isana Fils-Aime, DPM
Shaun Novoshelski, DPM
90. **Rare Case of Osteoid Osteoma Misdiagnosed as AVN of the Navicular**
Jason R. Miller, DPM ●
Krista J. Kotzeva, DPM
Ryan Tonucci, DPM
Jessica Somma, DPM
91. **Short-Term Outcomes with Minimally Invasive Midfoot Charcot Reconstructive Surgery**
Sara Mateen, DPM ●
Michael Thomas, DPM
Asma Jappar, DPM
Stephanie Wu, DPM
Noman Siddiqui, DPM

92. **Successful Treatment of Traumatic Wound in the Lower Extremity Using a Supercharged Hydrogel: A Case Report**
Yvonne Murillo ●
Peter Hurwitz
Oscar Barreto, DPM, MSN
93. **Synovial Sarcoma of the Rearfoot: A Case Study**
Joan Jerrido, DPM ●
Tae Won Kim, MD
Raj Patel, DPM
Daryl Silva, DPM
94. **Use of Fish Skin Grafts in Conjunction with NPWT at Healing Surgical Dehiscence with Exposed Hardware: A Case Series**
Rimvydas P. Statkus, DPM ●
Muhammed S. Shamim, DPM
Peter F. Lovato, DPM
Patrick A. McEneaney, DPM
- Students**
95. **The Approach to the Pigmented Foot Lesion: An Advanced Case of Malignant Melanoma and Literature Review**
Whitney E. Branham ●
Stephen Isham
Elena Ion
Evelyn G. Heigh-Rosen, DPM
96. **A Case of Bullosis Diabeticorum in the Lower Extremities**
Fatima Ansari, MS ●
Allen J. Kempf, DPM, MS
97. **The Effect of Felt Padding Thickness on Gait and Plantar Pressure**
Priya Patel ●
Mili Langi
Sai Vikas Yalla, PhD
Stephanie Wu, DPM, MSc
98. **Pain Medication Intake During Immediate Postoperative Period May Not Predict Patient Reported Outcomes Following Minimally Invasive Surgery for Lateral Ankle Instability**
Vishnupriya Bodempudi, MBS ●
Ali Khavari, DPM
Ojiugo D. Onwukwe
Jasmine Magsino
Phuong M. Tran
Payal Sethi
Paul Kim, MD
Brandon M. Brooks, DPM, MPH
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Joseph M. Caporusso, DPM ●
 Richard A. Pollak, DPM
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111. **Tolerability and Safety of Collagenase Clostridium Histolyticum Injection in Participants with Plantar Fibromatosis**
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