Oral Abstracts

Avoiding the Deep Plantar Arterial Arch in Transmetatarsal Amputations: A Cadaver Study
James H. Whelan, DPM†
Caroline Kiser, DPM
John Lazoritz, DPM

Relationship Between pH Shifts and Rate of Healing in Chronic Non-Healing Venous Stasis Lower Extremity Wounds
Arthur Tarricone, DPM, MPH‡
Karla De La Mata
Samantha Landau, DPM
Ronald Soave, DPM

The Role of Home-Based Thermal Imaging Devices in Preventing Diabetic Foot Ulcers
Than Thao Thuy Nguyen‡
Sherwin Shaju, DPM
Nhi Le
Mujtaba Qureshi
Nelson Negron
Anthony Iorio, DPM

Conservative Versus Surgical Management of Fifth Metatarsal Diaphyseal Fractures: A Retrospective Review
Marc D. Jones, DPM†
Kerry Sweet, DPM

Association Between Hemoglobin A1c, Vitamin C, and Microbiome in Diabetic Foot Ulcers, Intact Diabetic Skin, and Intact Non-Diabetic Skin
Khanh Phuong Tong‡
Stefan Green, PhD
Jacquelyn Ortiz, CCRP, PMAC, CMA
Stephanie Wu, DPM

Poster Abstracts

Validation of the Foot and Ankle Outcome Score for Use in Infracalcaneal Heel Pain
Alisha P. Joshi‡
Christopher Collazo, DPM
Erin Klein, DPM, MS
Lowell Weil Jr., DPM, MBA
Adam E. Fleischer, DPM, MPH

Large Case Study/Series

1. A Literature Review Exploring the Use of Botulinum Toxin A Injection Therapy for Chronic Exertional Compartment Syndrome Treatment
Ebony Love, DPM†
Michelle Garcia, DPM, MS
Ziad Labbad, DPM, MD, CPed

2. A Prospective Longitudinal Analysis into the Development and Progression of Structural First Metatarsal-Phalangeal Joint Pathology: Pilot Data of an Initiated 50-Year Investigation
Andrew J. Meyr, DPM†

3. Association and Trends of Current Prevention Guidelines in Reducing Hospitalizations for People with Diabetes
Rachel H. Albright, DPM, MPH†
Adam E. Fleischer, DPM, MPH

4. Association Between Medial Artery Calcification on Outcomes of Infrageniculate Revascularization with Diabetic Foot Tissue Loss
Lawrence Oresanya, MD†
Jennifer A. Skolni, DPM
Matthew Cunningham-Hill, MD
Andrew J. Meyr, DPM
5. The Effect of a Hurricane on Limb Preservation in the US
   Todd Hasenstein, DPM†
   Sara Mateen, DPM
   Andrew J. Meyr, DPM

6. The Oral Systemic Myth
   Elizabeth A. Sanders, DPM†
   Katrina M. Sanders, RDH

7. Plain Radiograph Utilization for Diabetic Foot Ulcer Surveillance: A Survey Analysis with Respect to Practice Experience
   Chia-Ding Shih, DPM, MPH, MA†
   Tiffany Tram Tran
   Andrew R. Bohm, PhD
   Dyane E. Tower, DPM, MPH, MS

8. Towards an Objective Definition of First Ray “Hypermobility”
   Andrew J. Meyr, DPM†
   Christopher Berkelbach
   Christopher Dreikorn
   Thomas Arena

9. A 50-Year Bibliometric Inquiry of Charcot Neuroarthropathy
   Matthew Dougherty, DPM‡
   Kwasi Y. Kwaadu, DPM
   Andrew J. Meyr, DPM

10. A Novel ORIF Technique for Displaced and Angulated Metatarsal Neck Fractures Utilizing an IM Nail
    Anthony Brutico, DPM‡

11. A Novel Surgical Approach to the Correction of Rigid Hammertoe Deformity in a Patient with Diabetes and Dorsal Digital Ulcerations
    Adi Pajazetovic, DPM‡
    Dylan Kaumaya, DPM
    Amanda Figliuzzi, DPM
    David C. Hatch Jr., DPM

12. A Systematic Review of First Metatarsal-Phalangeal Joint Arthrodesis Union with Locking and Non-Locking Plate Technology
    Spruha Magodia, DPM‡
    Matthew Dougherty, DPM
    Laura E. Sansosti, DPM
    Andrew J. Meyr, DPM

13. Amputation Outcomes of Forefoot Osteomyelitis in a Hospital Setting with No MRI Availability
    Huzefa Sakerwalla, DPM‡

14. Analysis of Hardware Removal Rates Following 1st Metatarsal Phalangeal Joint Arthrodesis
    William Wolfe, DPM‡
    Bryan Camp, DPM
    Patrick A. DeHeer, DPM

15. Anterior Tarsal Tunnel Syndrome: A Rare Cause of Dorsal Foot Pain
    Yilma Kebelo, DPM‡
    Meghan Susek, DPM

16. Arterial Anomaly: An Anatomic Variant of the Peroneal Artery in the Leg
    Parth Patel, DPM‡
    Adi Pajazetovic, DPM
    Amanda Figliuzzi, DPM
    Dylan Kaumaya, DPM
    Matthew Namanny, DO
    David C. Hatch Jr., DPM

17. Attrition in Podiatric Residency Training
    Spruha Magodia, DPM‡
    Andrew J. Meyr, DPM

18. Biomechanics Integrated Visual Algorithm for Lower Extremity Wound Care
    Shazad A. Buksh, DPM‡
    Kathleen Kelly, MD
19. Compression Staple Complications
Shazad A. Buksh, DPM‡
William J. Sarchino, DPM

20. Desyndactilization Utilizing Full Thickness Autogenous Grafts
Samantha A. Miner, DPM‡
John Constantino, DPM
Emily A. Cook, DPM, MPH, CPH

21. Early Outcomes with the CADENCE Total Ankle Prosthesis
Calvin J. Rushing, DPM‡

22. End-to-Side Nerve Transfer for Management of Chronic Anterior Leg Compartment Muscle Weakness
Lisa M. Harrison, DPM‡
Yen N. Tran, DPM
Shawn Christopher Ward, DPM

23. External Fixation for Treatment of Unstable Ankle Fracture in an Elderly with Comorbidities: A Case Report
Andres L. Caneva, DPM‡
Yen N. Tran, DPM

24. Failed HAV Surgery Secondary to Metatarsus Adductus Leading to Degenerative Joint Disease and Lisfranc Positional Arthrodesis
Sangho Kim, DPM‡
Rick J. Delmonte, DPM
Lenny Nguyen, DPM

25. Gas-Producing Infections in the Foot at a Large Academic Medical Center: A 10-Year Retrospective Review
John A. Martucci, DPM‡
Kevin Riemer, DPM

26. Great Toe Charcot Neuroarthropathy: A Case Report
Assal Nour, DPM‡
Ellianne M. Nasser, DPM

27. Hallux Flexion Deformity and Entrapment of Flexor Hallucis Longus Tendon after Open Reduction Internal Fixation of Ankle Fracture
Gina H. Nalbandian, DPM‡
Dickran H. Nalbandian
Molly Hulbert
Sara Shirazi, DPM
Alfred J. Phillips, DPM

28. Incidence of First Metatarsophalangeal Joint Arthrodesis following First Metatarsophalangeal Joint Cheilectomy with Decompression Osteotomy in Treatment of Hallux Limitus/Rigidus as based on Functional, Radiographic, and Patient Satisfaction Outcomes: A Retrospective Study
Alina Kogan, DPM‡
John Shields, DPM

Amanda Figliuzzi, DPM‡
Adi Pajazetovic, DPM
Dylan Kaumaya, DPM
David C. Hatch Jr., DPM

30. Knowledge and Perception of Vascular Medicine Among Podiatric Medical Students
Sara Mateen, DPM‡
Todd Hasenstein, DPM
Andrew J. Meyr, DPM

31. Lapidus Bunionectomy With Immediate Weightbearing: A Case Series
Karina G. Tavakalyan, DPM‡
Rachna Bangdiwala, DPM
Lady DeJesus, DPM
32. **Masquelet Technique for Treatment of Segmental Bone Loss Following Bunion Correction Complicated by Osteomyelitis**
   Sara Shirazi, DPM†
   Gina H. Nalbandian, DPM
   Alfred J. Phillips, DPM

33. **Modified Caprini Risk Assessment for Venous Thromboembolism Prophylaxis in Elective Foot and Ankle Surgery**
   Kelsey J. Millonig, DPM, MPH†
   Lindsey Hjelm, DPM
   Rachel E. Egdorf, DPM
   Byron Hutchinson, DPM
   Craig Clifford, DPM, MHA

34. **Nailed It: A Single Center Retrospective Review of Simplified Post Nail-Procedure Protocols**
   Dylan Kaumaya, DPM†
   Adi Pajazetovic, DPM
   Amanda Figliuzzi, DPM
   David C. Hatch Jr., DPM

35. **Open Irreducible Hallux Interphalangeal Joint Dislocation: A Case Report and Algorithm for Operative and Non-Operative Intervention**
   Cassandre Charles, DPM†
   Kalin Fisher, MD
   Jacob Wynes, DPM, MS

36. **Podiatric Warning Signs of Potential External Iliac Artery Dissection**
   Alison J. Bell, DPM, MPH, MS†

37. **Postoperative Narcotic Prescribing Practices following Foot and Ankle Surgery**
   Brandon M. Brooks, DPM†
   Rachel H. Albright, DPM, MPH
   Adam E. Fleischer, DPM, MPH
   Robert G. Smith, DPM, MSc, RPh
   Bradley M. Brooks, DO
   Brady M. Brooks

38. **Quantification of the Pre-Achilles (Kagers) Fat Triangle**
   Shazad A. Buksh, DPM‡
   James Keenan, MD

39. **Rare Cavernous Hemangioma in an Unstable Ankle Syndesmosis with Neglected Fibular Fracture**
   Brandon A. Rogers, DPM†
   Kelly J. Rogers, DPM
   Joseph Larsen, DPM
   Adam Cirlincione, DPM

40. **Revision of a Malaligned Ankle Arthrodesis Utilizing a Dorsiflexory Osteotomy**
   Carlyn M. Hinish, DPM†
   Andrew Cohen, DPM

41. **Standard of Care of Suggested Opioid Management: Pain Outcomes After Surgical Correction for Bunion Deformities Utilizing the Lapidus Procedure**
   Morgan A. Baxter, DPM‡
   Martha D. Klingbeil, DPM
   Kimberlee B. Hobizal, DPM, MHA
   Tresa Wize, DPM

42. **Surgical Excision of Calcified Neoplasm in Pediatric Patient**
   Craig Scanland, DPM‡
   Elaine O’Donnell, DPM

43. **Survey of Symptomatic Bone Marrow Lesions Within the Foot and Ankle**
   Maxwell M. Hayden, DPM‡
   Nathan Mauren, DPM
   Michael Corcoran, DPM
   Brandon Gumbiner, DPM
44. The Effect of Metatarsal Parabola Structure on Transmetatarsal Amputation Failure
   Patrick Bik, DPM‡
   Katrin Heineman, DPM
   Laura E. Sansosti, DPM
   Andrew J. Meyr, DPM

45. The Effects of Extracorporeal Shockwave Therapy on Lesser Metatarsophalangeal Joint Metatarsalgia and Capsulitis Pain
   Elizabeth Ansolt, DPM, MBA, MA‡
   Benjamin Saviet, DPM

46. The Financial Implications of Podiatric Foot and Ankle Fellowship: Is Another Year Worth It?
   Calvin J. Rushing, DPM‡

47. The INFINITY Total Ankle Prosthesis: Outcomes at Short-Term Follow-Up
   Calvin J. Rushing, DPM‡

48. Treatment of Unstable Ankle Fractures in Non-Community Ambulators Utilizing Intramedullary Fixation: A Case Report
   Nathan Mauren, DPM‡
   Maxwell Hayden, DPM
   Brandon Gumbiner, DPM

49. Ultrasound Guided Percutaneous Plantar Fascia Release for Plantar Hallux Ulcer
   Blake Hale, DPM‡
   David Millward, DPM

   Kanika Kochhar, DPM‡
   Saima Sardar, DPM
   Brandon Gumbiner, DPM

51. Using Thermal Imaging Cameras to Track Treatment of Both Acute and Chronic Lower Extremity Wounds
   Lauren Kerr, DPM‡
   Rachel E. Egdorf, DPM
   Benjamin Palmer, DPM

52. Utility of Esterified Hyaluronic Acid in the Management of Achilles Dehiscence in a High Risk Patient Population
   Shirley S. Chen, DPM‡
   Nicole K. Cates, DPM
   Jacob Wynes, DPM, MS

53. When to Consider Primary Amputation Versus Limb Salvage in a Traumatic Open Ankle Fracture
   Michael D. Paula, DPM‡
   Siavash Rostami, DPM
   Victoria Knauf, DPM
   Jaime A. Carbonell, DPM

54. A Case Series: TTC Arthrodesis with the Aid of a Hexapod Fixator for the Treatment of Limb Deformity Secondary to Subacute Neuropathic Ankle Trauma
   Paul C. LaFata, DPM†
   Peter E. Smith, DPM

55. Ankle Arthrodiastasis in the Treatment of Acute Ankle Fractures
   Elizabeth A. Sanders, DPM†
   Jurgen H. Fernandez, DPM
   Mark J. Mendeszoon, DPM
   Vitaly Naritsyn, MD

56. Chinese Foot Binding: A Case Analysis of Biomechanical and Radiographic Pathology and Implications
   Christina Pratt, DPM†
   Jian Zeng
   Wei Dong
57. **Combined Peroneal Tendon Injury with Peroneus Longus Interposition: A Case Report**
   Christina Pratt, DPM†
   Deepali Darji, DPM
   Eric Beaujon
   Natalie Spicer
   Hamidat Momoh

58. **Creation of a Mock Operating Room Environment for Assessment of Orthopaedic Resident Surgical Skills: A Starting Point Toward the Development of Deliberate Practice**
   Stephen J. Merena, DPM†
   Andrew Kaplan, MD
   Lara Stone, DPM
   Mark Charlson, MD
   James Michelson, MD
   Elizabeth Ames, MD

59. **Decreasing Postoperative Complication Rates of Primarily Closed Diabetic Wounds in High Risk Diabetic Foot Infections with Implantation of Collagen Sponges Impregnated with Gentamicin: A Prospective Comparative Study**
   Alex McKanna, DPM†

60. **Hemi-Soleus Muscle Flap Transposition with Subsequent Hematoma Abscess Formation**
    Mark Razzante, DPM†
    Deana Lewis
    Sukbir Sandhur
    Lauren Schnack, DPM

61. **Lower Extremity Crush Injuries From a Level 1 Trauma Center; Management and Outcomes of 4 Case Reports**
    Timothy C. Ford, DPM†
    Mark J. Capuzzi, DPM
    William O. McGlone, DPM
    Tonda Silva, DPM

62. **Overview of Diabetic Neuropathy and Review of the FDA-Approved Oral Therapies**
    Ebony Love, DPM†
    Michelle Garcia, DPM, MS
    Ziad Labbad, DPM, MD

63. **Pediatric Talar Dome Fracture Repaired via Arthroscopic Assisted Open Reduction with Internal Fixation after Failed Conservative Treatment**
    Mark Razzante, DPM†
    Yasmin Radzi

64. **Porous Titanium Wedges are an Acceptable Alternative in Flexible Flatfoot Correction**
    Louis J. Ciliberti Jr., DPM, MS†
    Christopher R. Fung, DPM, MS

65. **Radiographic Analysis of the Isolated Talonavicular Arthrodesis in the Treatment of Pediatric Pes Valgus Deformities**
    Rizción B. Dagani, DPM, MBA†
    Andrea D. Cass, DPM
    José M. Gonzalez, DPM

66. **Revision of a Chronic Achilles Wound Secondary to Suture Bridge Rejection with Acute on Chronic Infection using Negative Pressure Wound Therapy and Human Skin Allograft**
    Peter E. Smith, DPM†

67. **Utilization of a Cryopreserved Amniotic Membrane and the Wound Vac Weave Technique in an Acute Traumatic Injury**
    Rizción B. Dagani, DPM, MBA†
    Allen Raphael, DPM
Student

68. A Step into the Talus: A Look at Talar Dimensions using Three-Dimensional Rendering
   Anita Misra‡
   Meredith Sappington
   Luis Rodriguez Anaya, DPM
   Daniel Cawley

69. Activity Tracking Monitors: Accuracy Comparison and Suitability for Diabetic Population
   Lauren Michels, MS‡
   Ahanth Vedantham
   Raj Patel
   Nicholas Beci, MS
   Sai Yalla, PhD
   Stephanie Wu, DPM

70. An Anatomical Description of the Lateral Column in the Context of Charcot Midfoot Collapse
   Taylor M. Hale‡
   Collin Pehde, DPM
   John Bennett, DPM
   Rachel Dunn, PhD

71. Application and Efficacy of a Modified Low-Dye Taping Technique in the Treatment of Podiatric Conditions
   Alisha P. Joshi‡
   Zackary Clor
   Lauren Michels, MA
   Charles Kind
   Kayln Jones
   Neil Horsley, DPM, MS

72. Assessment of the Contralateral Asymptomatic Foot in Unilateral Plantar Fasciitis as a Control Group: A Systematic Review and Meta-Analysis
   Tiffany M. Tran‡
   Juniper Yue
   Jannani Krishnan
   Komal Saini
   Andrew Bohm, PhD
   Chia-Ding Shih, DPM, MPH, MA

73. Clinical and Laboratory Measurement of the Plantar Intrinsic Foot Muscle Strength
   Avery Mason‡
   Ashley Grant
   Robert Yoho, DPM, MS
   Vassilios Vardaxis, PhD
   David Stapleton

74. Distal Lower Extremity Manifestations in Spina Bifida Patients of the Yucatan Peninsula: A 24-Year Retrospective Case Series
   Alexandra Heitmann Nobre‡
   Lahari Reddy Madulapally, MA
   Luis Rodriguez Anaya, DPM
   Daniel Cawley

75. Effect of High Dose Steroids from LMA Complication in the Surgical Management of Diabetic Charcot
   Brennan Reardon‡
   Christina Pratt, DPM
   Lauren Schnack, DPM
   Hannah Mayo
   Paris Payton, DPM

76. Effects of Pentoxyfylline on Healing Times in Diabetic Foot Ulcers
   Zackary Clor‡
   Katie Landry, DC
   Derek Talbot, DC
   Adam E. Fleischer, DPM, MPH
77. Evaluation of Offloading Footwear Options’ Impact Upon User Stability
   Katherine Samuelson†
   Noah Rosenblatt, PhD
   Stephanie Wu, DPM, MSc
   Ryan Crews, MS, CCRP

78. Foot Intrinsic Muscle Morphological Characteristics in Weight Bearing Using Ultrasound
   Ashley Spacek†
   Avery Mason
   Robert Yoho, DPM, MS
   David Stapleton
   Panagiotis Chatzistorgos Meng, PhD, MSc
   Vassilios Vardaxis, PhD

79. Identification of Biomarkers for Prediction of Wound Healing in Diabetic Foot Ulcers
   Nicole S. Delino†
   Keith D. Philibert, MS
   Xiaomeng Shao
   Charlie Yang, PhD
   Jacque Ortiz, CCRP, PMAC
   Stephanie Wu, DPM, MSc
   Marc J. Glucksman, PhD

80. Implementation of a Dedicated Treatment Algorithm to Prevent, Diagnose, and Treat Lower Extremity Hematomas will Improve Patient Outcomes
   Sarah E. Chmielewski†
   Windy Cole, DPM
   Stacey B. Coe, CCRP

81. Peroneocalcaneus Muscle and Other Anomalous Variants in the Lateral Compartment of the Lower Extremity: A Cadaveric Case Report
   Alexander M. Kramer†
   Ashley A. Schneider
   Lindsey N. Bustos
   Dy Chin, MS
   Jarrod Shapiro, DPM
   Mathew J. Wedel, PhD

82. Pre-Procedural Risk Assessment for Patients Undergoing Podiatric Surgical Procedures Requiring Moderate-to-Deep Anesthesia
   Robin Tsai†
   Michael Koscielniak, MS
   Karen O’Mara, DO, MA
   Peter J. Kallio, DNP, CRNA, APNP
   Stephanie Wu, DPM, MSc

83. Pulmonary Embolism Following Superior Peroneal Retinaculum Repair
   Timothy P. Cheung, MS, CPT†
   Dusty Waltz
   Khanh Phuong Tong
   Chase Kiefer
   Katherine Samuelson
   David Warchak
   Jordan Larson
   Diana E. Rogers, DPM

84. Radiographic Evaluation of 1st Metatarsophalangeal Joint Implants in a Veterans Affairs Facility: A Case Series
   Rabeea Abbas†
   Steven W. Shader
   Nida K. Nawaz, DPM
   Audrey Alvarez, DPM
   Geoffrey R. Linn, DPM
   Kerry Sweet, DPM
85. **Real Time Visual Feedback for Gait Retraining**
   Raj Piyush Patel‡
   Sai Yalla, PhD
   Lauren Michels, MS
   Stephanie Wu, DPM, MSc
   Nikita Grama
   Gabby Gutierrez

86. **Recurrence of a Plantar Epidermal Inclusion Cyst**
   Sriya Babu‡
   Samuel A. Mason
   Jacqueline S. Buchman, DPM

87. **Surgical Management of Charcot Neuroarthropathy Foot Deformity Prior to Long-Term Management of End-Stage Renal Disease**
   Khanh Phuong Tong‡
   Diana Ngo
   Shajira Mohammed
   Anooshay Naveed
   Marwa Maaita
   Ryan Rodela, DPM
   Martin Yorath, DPM
   Stephanie Wu, DPM, MSc

88. **The Effect of Foot Flexibility and Foot Arch Type on Pressure Distribution Around the Fifth Metatarsal and the Relationship to the Jones Fracture**
   Michaela Heys‡
   Jasmine Strozier
   Robert Yoho, DPM, MS
   Vassilios Vardaxis, PhD
   David Stapleton

89. **The Effect of Increasing Loads on Foot Angles and the Clinical Implications for Lateral Forefoot Fractures**
   Jasmine J. Strozier‡
   Robert Yoho, DPM, MS
   Vassilios Vardaxis, PhD
   David Stapleton

90. **The Effects of Arm Mass Manipulation on Reactive Balance in Healthy Young Adults**
   Sara Gulczynski‡
   Noah J. Rosenblatt, PhD
   Andrew Syndergaard, MS
   Stephanie Wu, DPM, MSc

91. **The Psychological Effects of Lower Extremity Amputations on Patients with Diabetes**
   Lindsay M. Short‡
   Mujtaba Qureshi
   Michael Chang
   Anthony Iorio, DPM

92. **Toe Fillet Flap Wound Closure in a Guillotine Amputation of the 4th Toe in a Complex Diabetic Foot with Vascular Complications**
   Karishma Patel‡
   David Warciak
   Trevor Page
   Raj Patel
   Zackary Clor
   Firas Katmeh
   David Dummer
   Stephanie Wu, DPM, MSc

93. **Toenail Dust as an Occupational Hazard in Podiatry: A Systematic Review**
   Komal Saini‡
   Melody Khosravi
   Jannani Krishnan
   Tiffany Tran
   Dyane E. Tower, DPM, MPH, MS
   Chia-Ding Shih, DPM, MPH, MA
Industry-Sponsored Abstracts

94. 10 kHz Spinal Cord Stimulation for Treatment of Painful Diabetic Neuropathy: A Multicenter Randomized Controlled Trial
Erika Petersen, MD†
Thomas Stauss, MD
James Scowcroft, MD
Judith White, MD
Shawn Sills, MD
Kasra Amirdelfan, MD
Maged Guirguis, MD
Jijun Xu, MD, PhD
Cong Yu, MD
Ali Nairizi, MD
Denis Patterson, DO
Vincent Galan, MD
Richard Bundschu, MD
Neel Mehta, MD
Dawood Sayed, MD
Shrivanand Lad, MD, PhD
David DiBenedetto, MD
Khalid Sethi, MD
Paul Wu, MD
Charles Argoff, MD
Christian Nasr, MD
Rod Taylor, PhD, MSc
Elizabeth Brooks, PhD
Jeyakumar Subbaroyan, PhD
Bradford Gliner, MS
David Caraway, MD, PhD
Nagy Mekhail, MD, PhD

95. A Retrospective Clinical Evaluation of the Use of Placental Tissue Matrix in Patients with Chronic Plantar Fasciitis
Jeffrey Loveland, DPM†

96. A Sensitive and Specific qPCR Assay to Detect and Differentiate Infectious Agents Causing Web Space Disorders
Kiran Madanahally, PhD†

97. An Esterified Hyaluronic Acid Matrix Provides for Wound Healing in Infected Lower Extremity Wounds with Exposed Bone and Tendon
William Wolfe, DPM†

98. Effectiveness of Daily Home Electrical Stimulation as an Adjunctive Therapy to Accelerate Wound Healing in People with Diabetic Foot Ulcer—A Double-Blinded Randomized Controlled Trial
Brian Lepow, DPM†
Alejandro Zulbaran, MD
Naima Rodriguez, MA
Hector Elizondo, MD
Akashdeep Singh, DPM
Jeffrey Ross, DPM, MD
Bijan Najafi, PhD, MSc

99. Excellagen-Bovine Type I Collagen Used for Healing Chronic Wounds
Matthew G. Garoufalis, DPM†
Katerina Gigorpoulos, DPM

100. Healing Chronic Diabetic Foot Ulcers with Cylcical Pressurized Topical Wound Oxygen Therapy: Results of the Two Multi-National, Multi-Center, Randomized, Double Blinded, Placebo Controlled Trial
Matthew G. Garoufalis, DPM†
Robert G. Frykberg, DPM

101. HTX-011, a Fixed Combination of Bupivacaine and Meloxicam, Does Not Impair Bone Healing or Contribute to Nonsteroidal Anti-Inflammatory Drug-Related Toxicity
Joseph Gimbel, MD†
Richard Pollak, DPM, MS
Chris Storgard, MD
Michelle Ouellette, RN, MSN, FNP
Christopher Bromley, DPM
Susan Y. Smith, MSc
Clynn Wilker, DVM, PhD
102. **Patients Receiving Hyperbaric Oxygen Treatment Have a Lower Complication Rate if Supervised by a Podiatrist**
   Lee C. Rogers, DPM†
   Andrew Crisologo, DPM
   Lawrence A. Lavery, DPM, MPH

103. **Safety, Pharmacokinetics, and Efficacy of Efinaconazole 10% Topical Solution for the Treatment of Onychomycosis in Pediatric Patients**
   Tracey C. Vlahovic, DPM†
   Lawrence F. Eichenfield, MD
   Boni Elewski, MD
   Jeffrey L. Sugarman, MD, PhD
   Ted Rosen, MD
   Aditya Gupta, MD, PhD
   Radhakrishnan Pillai, PhD
   Tina Lin, PharmD

104. **The Use of Amniotic Wound Matrix in Treating Chronic Non-Healing Foot and Ankle Wounds**
    Jeffrey Loveland, DPM†