

2025

DFA CONFERENCE  
HYATT REGENCY  
10-11 NOVEMBER  
SYDNEYOFFICIAL  
PROGRAM

monday.

7:30 8:40 Registrations open + tea and coffee  
8:45 9:00 Official Conference Opening

## PLENARY Infection, Outcomes, Community and Connection

9:00	9:30	What's new in diabetes-related foot infection research	A.Professor Edgar Peters (NLD)
9:30	9:50	Connecting the dots - latest Australian DFD outcomes	A.Professor Pete Lazzarini
9:50	10:10	Culture, health and authentic co-design: Working right ways for community	Kim Whiteley
10:10	10:30	The cardio-renal-metabolic foot connection	Dr Emma Hamilton

## 10:30 11:00 MORNING TEA + TRADE EXPO

BREAKOUTS	SESSION 1	SESSION 2	SESSION 3	SESSION 4
11:00 12:00	<b>Yarning about experiences in high risk foot services</b> With Kim Whiteley, Prof Viv Chuter, Prof Rob Fitridge, Hayley Ryan and Michael Pigram	<b>Oral Abstracts</b> Advances in High Risk Foot Care, Resources and Outcomes  <b>11:00 – 12:40 concurrent sessions refer to abstract section for full presenter details &amp; timings</b>	<b>Oral Abstracts</b> New technology and offloading	<b>Oral Abstracts</b> Innovative Models of Care and Wound Healing
12:00 12:45	<b>What's happening around the country with national DFD initiatives</b> SAHMRI Aboriginal & Torres Strait Islander Diabetes-related Foot Complications Program NADC - Australian Diabetes Foot Registry, Foot Forward and iHRFS accreditation Australian Centre for Accelerating Diabetes Innovations PODIUM Platform study Telehealth Hubs Tele PAD project			Prof Viv Chuter Dr Joel Lasschuit ACADI Representative Prof Steve Twigg A.Prof Pete Lazzarini Prof Jon Gollege

## 12:45 1:40 LUNCH + TRADE EXPO

## PLENARY The Ulcer, Vascular and Wound Healing

1:45	2:15	Latest in vascular surgery – when and when not to intervene?	Professor Maarit Venermo (FIN)
2:15	2:35	Bedside vascular assessment – which test is best?	Professor Viv Chuter
2:35	2:55	Back to the future – wound healing in 2040	Dr Pam Chen
2:55	3:15	Managing DFD in patients with advanced kidney disease	Dr Michelle Kaminski
3:15	3:35	Nutrition and ulcer healing	Professor Jenny Gunton

## BREAKOUTS SESSION 1

3:45 4:30 The Great Foot Debate – Technology is the answer to improving outcomes for people with DFD  
Join our international speakers & national guests for an entertaining & insightful debate

## SESSION 2

Rapid Fire Oral Abstract session  
refer to abstract section  
for full presenter details & timings

## 4:30 5:45 Poster Showcase, Networking and Expo

7:00 10:00 DFA Interactive Dinner – Zephyr Rooftop

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tuesday.

7:30	8:55	Registrations open + tea and coffee
7:45	8:45	URGO Medical Breakfast Symposium   OFFICIAL PARTNER BREAKFAST (limited seats - registrations open soon) Wound Healing in Action: From Evidence to Real Life Results with Madelyn Page, Chantell Yaghi & Jayne McGreal

#### PLENARY Latest advances in technology and treatment

9:00	9:30	Technology to support optimal offloading and activity	Professor Neil Reeves (UK)
9:30	9:50	Advances in surgical offloading techniques for DFD	Dr Brian Martin
9:50	10:10	Safety and efficacy of subcutaneous antibiotics for infection	A.Professor Laurens Manning
10:10	10:30	Mitochondrial dysfunction in diabetes peripheral neuropathy	A.Professor Sprios Furlanos

#### 10:30 11:00 MORNING TEA + TRADE EXPO

#### BREAKOUTS RAPID FIRE WORKSHOP 1 RAPID FIRE WORKSHOP 2

11:00	1:00	Daily foot pressure monitoring using smart insoles In an era of rapidly evolving technology, join Professor Neil Reeves as he demonstrates how an innovative smart insole system can monitor for increases in foot pressure. (4 sessions)	Let's get physical Join Callum Baker for an exercise physiologist led demonstration of safe exercise techniques for people with DFU. (4 sessions)
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#### RAPID FIRE WORKSHOP 3

Complex Cases in Peripheral Artery Disease  
Join Professor Rob Fritidge for a case based approach to understand the role of revascularisation and angiosome directed intervention in patients with DFU and PAD. (4 sessions)

#### RAPID FIRE WORKSHOP 4

Topical antiseptics - what is the evidence?  
Join A/Professor Edgar Peters as he reviews the evidence and clinical controversies regarding the use of topical antiseptics in people with diabetes-related foot ulcers. (4 sessions)

#### RAPID FIRE WORKSHOP 5

From Avoidance to Action: Building confidence to approach difficult clinical conversations  
Join Dr Melanie Burkhardt for a reflective workshop that considers what makes specific clinical conversations difficult and for whom, and presents a behavioural perspective that views these difficulties as a function of individuals learning histories, distal and proximal situational factors, and consequent events. (2 sessions)

#### RAPID FIRE WORKSHOP 6

Working right ways with and for First Nations Peoples in research  
Join Dr James Gerrard and Professor Viv Chuter for a practical session to introduce the principles of First Nations Research Methodology and how to establish culturally safe research projects. (2 sessions)

#### 1:00 1:55 LUNCH + TRADE EXPO

#### PLENARY Living well with the challenges of DFD

2:00	2:30	Sarcopaenia, frailty and the promise of exercise	Professor Stephen Twigg
2:30	2:50	Helping people with cognitive impairment and DFD	A.Professor Michael Woodward
2:50	3:10	Supporting self-care behaviours in people with DFD	Dr Melanie Burkhardt
3:10	3:30	An insight into collaborative inpatient and community care	John Chen
3:35	3:55	Ask us Anything - panel discussion with our International Speakers	
3:55	4:00	Awards, thank you and conference close	

#### 3:30 4:15 Grab & Go Afternoon tea available for those departing early or join us for afternoon tea



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# abstracts.

### SESSION

## Advances in high risk foot care, resources & outcomes

11:00	11:10	The Cardiorenal Metabolic Foot: Insights from Hospitalisation Data in Aotearoa New Zealand	Michele Garrett
11:10	11:20	Centralized resourcing versus distribution service models: a comparative exploration of implementing hybrid interdisciplinary in-reach acute foot disease services in rural/remote Queensland	Meegan Nevin
11:20	11:30	Deadly Feet: Multidisciplinary Outreach Service	Laetitia Douglas, Ry Abel and Courtney Finch
11:30	11:40	Addressing physical inactivity in diabetes-related foot ulcers: a pilot RCT of aerobic and resistance training for people with diabetes and an active foot ulcer	Callum Baker
11:40	11:50	Barriers and Enablers to Implementing Evidence-Based Practice in High-Risk Foot Services: A Behaviour Change Theory Analysis	Jackie Batchelor
11:50	12:00	Illness Perception Profiles and Their Associations with Predictors Among Primary Care Patients with Diabetic Foot Ulcers: A Latent Profile Analysis	Julia Zhu
12:00	12:10	Can foot ulcer risk stratification be improved by adding socioeconomic, comorbidity and person-level factors in people with diabetes?	Jim Woodburn
12:10	12:20	Co-designed amputation resources for Aboriginal South Australians	Saraid Martin, Courtney Hammond
12:20	12:30	The practical applicability of post-debridement tissue sampling and punch biopsy methods in a pragmatic sample of adults with diabetes-related foot infections (DFIs): An observational study	Siana Hewett

### SESSION

## New technology & offloading

11:00	11:10	Diabetic Foot Ulcer Wound Healing Prediction Using Artificial Intelligence Based Automated Thermal Texture Analysis	Nila Novita Sari
11:10	11:20	Validity and reliability of the PressureGuardian® to measure pressure underneath the feet of people with diabetes	Sophie King
11:20	11:30	Better Feet, Better Lives: A Portable AI Platform for Early Detection, Monitoring, and Prevention of Diabetic Foot Complications	Laith Alzubadi
11:30	11:40	Identify Key Parameters for Offloading Footwear and Orthoses Prescription Toward a Clinical Decision Support System: A Retrospective Data-Driven Insight from a Single-Centre	Martin Nguyen
11:40	11:50	Characterising odour in chronic diabetic foot ulcers: A proof of concept study of volatile organic compounds and microbial profiles	Yinyin Phyto
11:50	12:00	Evaluation of personalised 3D printed functionally graded metamaterial foot orthoses with an offloading boot	Alex Terrill
12:00	12:10	Do non-weight bearing interventions improve healing of diabetes related foot wounds when compared with knee high offloading devices? A systematic review and meta-analysis	David Allen
12:10	12:20	Revolutionising Diabetic Foot Ulcer Assessment with AI-Powered Tissue Segmentation	Ashad Kabir
12:20	12:30	Comparing offloading effects of felt adhesive padding and custom foot orthoses for diabetes-related foot ulceration: a plantar pressure study	Shannon Greaney



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### SESSION

## Innovative models of care & wound healing

11:00	11:10	Using amniotic allograft in diabetes-related foot ulcers: A case series	Jessica White
11:10	11:20	MIFT: Creating a Pathway for Advanced Podiatrists to Perform MIFT in SALHN - Innovation in Decreasing the Burden of Diabetic Foot Disease	Melissa Cooney
11:20	11:30	Enhancing Timely Access to High Risk Foot Care Through an Emergency Department Pathway and EMR Integration Background	Dilan Jayawardana
11:30	11:40	Effectiveness of Flexor Tenotomy in Patients with Toe Ulcers in Inter-Disciplinary High Risk Foot Service	Meghana Mangatt
11:40	11:50	Does cutaneous microvascular disease affect diabetes-related foot ulcer healing? A Systematic Review	Ally McIlhatton
11:50	12:00	Enhancing Weekend Care: A Feasibility Study of a Saturday Podiatry Service for Improved Patient Flow, Outcomes, and Efficiency in a Tertiary Hospital	Eva Staunton
12:00	12:10	Enhancing Multidisciplinary Care: Integrating Social Work Into a High-Risk Foot Service	Devereaux De Silva
12:10	12:20	Establishing a South Australian plasma biobank for biomarker identification related to diabetes-related foot ulcers	Zahra Lotfollahi

## RAPID FIRE abstracts.

### SESSION

3:45	3:50	Redesigning High-Risk Foot Care: A Unique Multidisciplinary Model of Care for Minor Operative Procedures at Sunshine Coast University Hospital	Vivienne Moults
3:50	3:55	Comparative Study of Wound Irrigation and Gauze Compression Techniques on Matrix Metalloproteinase-9 Level in Diabetic Foot Ulcers: Implications for Nursing Practice in a Dual Wound Washing Comparison	Yunita Supriady
3:55	4:00	Faster, Smarter, Greener: How 3D-Printed Orthoses are Streamlining High-Risk Foot Management	Jaspreet Kaur
4:00	4:05	Consensus on the provision of patient education for adults with diabetes-related foot ulceration: a Delphi study of Australian stakeholders	Courtney Nagle
4:05	4:10	Total contact casting duration for the clinical remission of active Charcot neuro-osteoarthropathy: A retrospective study	Mendel Baba
4:10	4:15	Evaluation of patient outcomes following implementation of an alternative, community-based model of care for complex high risk foot patients during the covid-19 pandemic using the DFA triage tool	Liz Perry
4:15	4:20	Stepping Beyond Fit: Cultural, Climatic, and Belief-Driven Influences on Adherence in Diabetic Footwear Use	Sayed Ahmed
4:20	4:25	Evaluating the use of BTM and MTX for non-ischaemic diabetic foot wounds - a retrospective cohort study	Abhishekh Srinivas

# 2025 DFA CONFERENCE

## POSTER showcase.

When Every Step Counts: Reviewing the impact of the high risk foot MDT at Sunshine Coast Hospital and Health  
**Lucy Fligelstone**

Successful Management of a Chronic Achilles Tendon Wound in a High-Risk Geriatric Patient Using a Bivalve Total Contact Cast (TCC): A Case Study  
**Kirrily Brown**

Advanced Clinical Orthopaedic Podiatry in SALHN Foot and Ankle Orthopaedic Clinics; providing wrap-around care, reducing orthopaedic wait lists and decreasing poor outcomes in the high risk foot setting of southern Adelaide  
**Moiria Mills**

Use of Novosorb BTM (Biodegradable Temporising Matrix) to Treat Complex Wounds in Diabetic and Neuroischemic Lower Limb Ulceration  
**Vivienne Moulton**

An audit to quantify the need for iHRFS Podiatry consultation for inpatients admitted under Vascular Surgery at two major Sydney hospitals  
**Jara Prince**

Plantar Aponeurosis Stiffness Elevates Forefoot Pressure: A Computational Study to Inform Mechanisms of Ulceration  
**Jayishni Maharaj**

Consumer Engagement for In-Clinic Patient Education Tool  
**Shi Mei Li**

Wound Healing using Biodegradable Temporising Matrix in Diabetes Foot Wounds - Prospective Evaluation of an Early Experience  
**Chui Foong Ong**

First in Human Clinical Study for the Use of Periosteal Distraction in the Treatment of DFU and Other Recalcitrant Ulcers  
**Vivienne Moulton**

Drivers of Lower Limb Amputation in PAD: Indication Profiles and Limb Loss Burden by Diabetes Status in a National Cohort  
**Oh Sung Choy**

Outcomes of diabetes-related foot infections over a 5-year-period in persons attending the Liverpool Hospital High Risk Foot Service  
**Emma Bergamin**

A case report of person with a high-risk foot, complicated with verrucous squamous cell carcinoma transformation in an amputation site  
**Rachel Carle**

First-Line Use of TLC-NOSF Dressings in Chronic Wound Management: A Systematic Review and Real-life local application  
**Tanya O'Hara**

Could inflammatory cell ratios be useful in determining DFU prognosis?  
**Helen Williams**

Risk factors for developing Charcot neuro-osteoarthropathy in people with diabetes mellitus: a systematic review and meta-analysis  
**Man Chunn Lee**

The Role of Vitamin C in Wound Healing in Surgically Managed Diabetic Foot Disease  
**Brian Martin**

'Walk Strong, Walk Tall' - Foot health workforce development  
**Natalie Morgan**

Pathological calcaneal fractures secondary to osteomyelitis - A Case Series  
**Christopher Preston**

The Role of Charge Density in Wound Dressing Materials to Facilitate Slough Removal  
**Cassandra Hough**

Empowering Patients with Diabetic Foot Ulcers: Insights from Continuous Glucose Monitoring Implementation  
**Carly Bertram**

Innovation internship experience at Royal Perth Hospital: Increasing CAM boot compliance by making the product more functionally acceptable.  
**Rachel Carle**

The "duo-debridement method" - adding a topical desiccating agent for debridement in recalcitrant diabetes-related foot ulcers managed in the High-Risk Foot Service setting: a case report  
**Purnima Rao**

The impact of bacterial profiles on diabetes-related foot infection outcomes  
**Kenshin Hayashi**

Boney and Inflammatory Changes of the Ipsilateral Foot Following First Toe and Partial First Metatarsal Amputation: A Case Series  
**Rhiannon Mackley**

Bridging Science and Compassion: Empathy's Role in Diabetic Foot Ulcer Care  
**Tejus Menon**

Charcot foot - the next step  
**David Sutton**

Keeping feet in place, a case series of 10 years  
**Karl Schott**

Not All Wounds Are What They Seem: Navigating the Complexities of Atypical Wound Diagnosis in a Diabetic Foot  
**Jaymie Houghan**