

First steps towards addressing Diabetes foot problems: a regional approach to a Territory issue

Aboriginal and Torres Strait Islander Diabetesrelated Foot Complications Program

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Acknowledgements



We would like to acknowledge that today we are on the traditional lands of the Larrakia people, and we pay our respect to elders both past and present

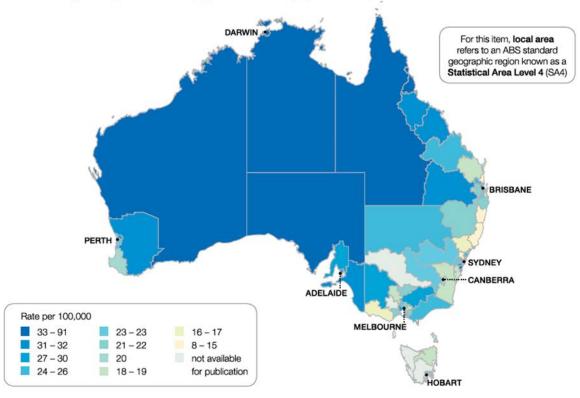


South Australia Health and Medical Research Institute



Diabetes-related lower limb amputation hospital admissions 18 years and over

Figure 136: Number of diabetes-related lower limb amputation admissions to hospital per 100,000 people aged 18 years and over, age standardised, by local area, 2012–13



Australian Institute of Health and Welfare 2017. Burden of lower limb amputations due to diabetes in Australia: Australian Burden of Disease Study 2011. Australian Burden of Disease Study series no. 10. BOD 11. Canberra: AIHW

Aboriginal and Torres Strait Islander Diabetes-related Foot Complications Program

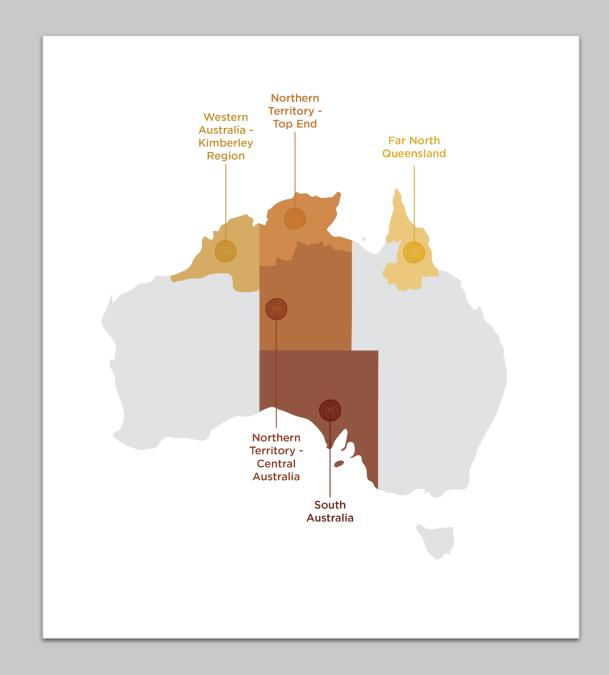
2 ¹⁄₂ years, \$6m, 5 regions

6 activities

1. baseline report

- 2. best-practice models of care and new approaches
- 3. increase access to multidisciplinary care
- 4. develop a best practice community-based workforce model
- 5. training and support for Aboriginal and non-Aboriginal health workforce

6. an evaluation framework to facilitate future monitoring of the effect of health care and system initiatives



Impact of Diabetes-related Foot Complications

Diabetes

	Top End	Central Australia
Adult (20+ y) prevalence	n=2062 (24%)	n=1352 (40%)*

Hare MJL et al; BMJ Open 2022

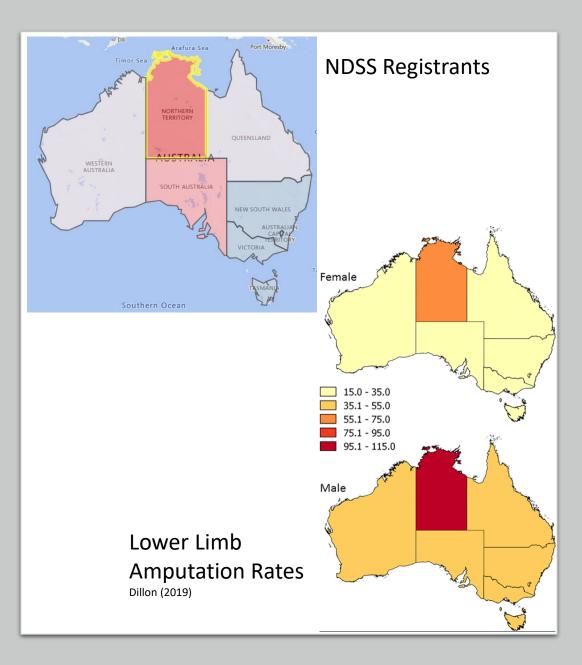
Diabetes Foot Infections (DFI)

Account for 19.4 hospital beds every day: 31% of surgical beds

25% mortality at 5 years¹25% mortality at 1 year for those requiring dialysis²

Jeyaraman et al; BMC Endo 2019
Lynar S et al; Int Med J 2019

Information sourced from 'The health burden of diabetes and diabetes-related foot complications in the NT' Louise Maple-Brown, with thanks



Pre-existing Diabetes Foot Services



HIGH RISK FOOT SERVICE

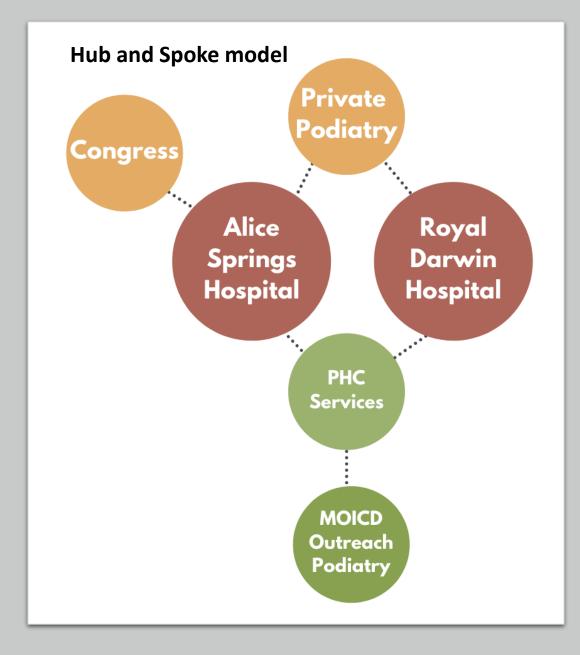
- RDH High Risk Foot Service
- ASH High Risk Foot Service

COMMUNITY BASED

- Private Podiatry Providers
- Central Australian Aboriginal Congress

REMOTE PRIMARY HEALTH CARE SERVICES / OUTREACH

> MOICD Program funded remote outreach Podiatry





- Engagement across the stakeholder spectrum.
- Engagement is ongoing and continually informing the program's planning, delivery, activities and outputs.

"...one toe amputated and then another toe and then the rest on that foot... its hard!"

"Language makes them feel better, heal better" "A commitment to equitable care and access for all Aboriginal and Torres Strait Islander people living with Diabetes"

"Let them be at home on their own country to receive treatment"

The Top End Program Foot Print

DANILA DILBA HEALTH SERVICE

- Community Podiatry Service provision in Darwin-based ACCHO

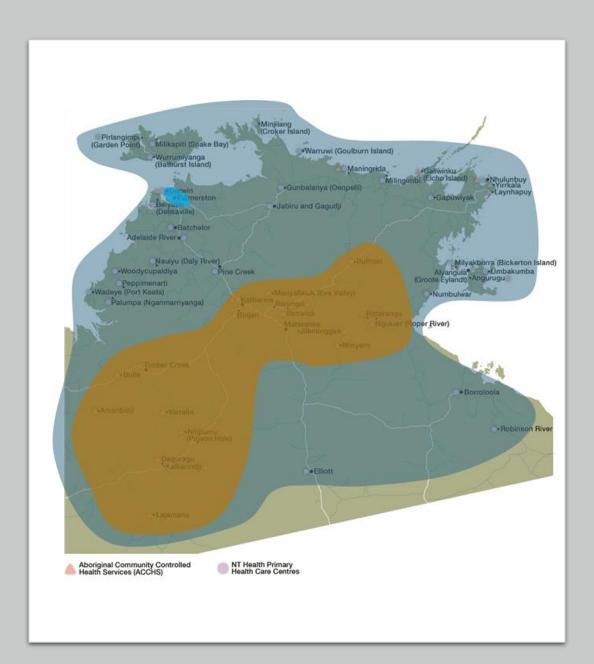
KATHERINE WEST HEALTH BOARD ABORIGINAL CORPORATION

(on behalf of Sunrise Health Service and Wurli-Wurlinjang Aboriginal Health Service)

- Health Promotion & Community resources
- Staff training & Systems improvement

HIGH RISK FOOT SERVICE – NT HEALTH

- Expanding Podiatry Service provision in Darwin-based renal units, High Risk Foot Service and exploring regional centres



The Top End way to Expanding and Enhancing Diabetes Foot Care

Service Integration and Continuity of Care

Improving access to services for those in regional/remote areas

Enhancing support for those with active or acute problems

Strengthening knowledge and capacity of consumers, communities and clinicians

Ingke Arntarnte-areme (Looking after feet) Program

- Service development and integration
- Telehealth and clinical coordination
- Provision of offloading kits to remote clinics
- Workforce capacity strengthening
- Community awareness campaign resources in language



LOOKING AFTER FEET PROGRAM

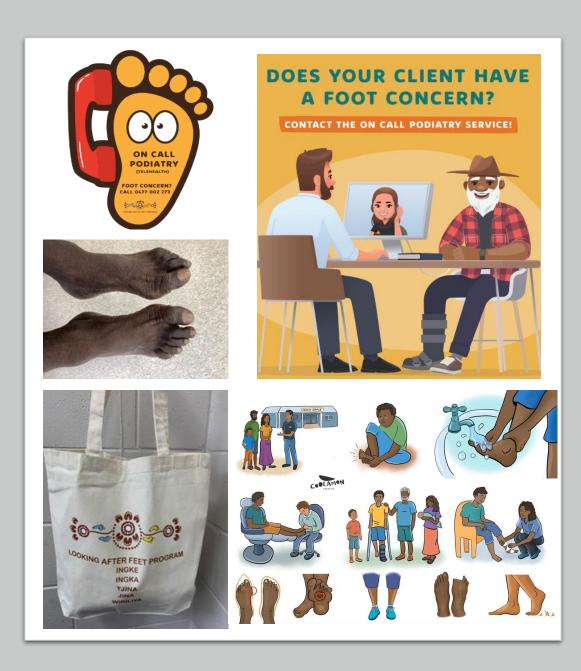


Program Activities

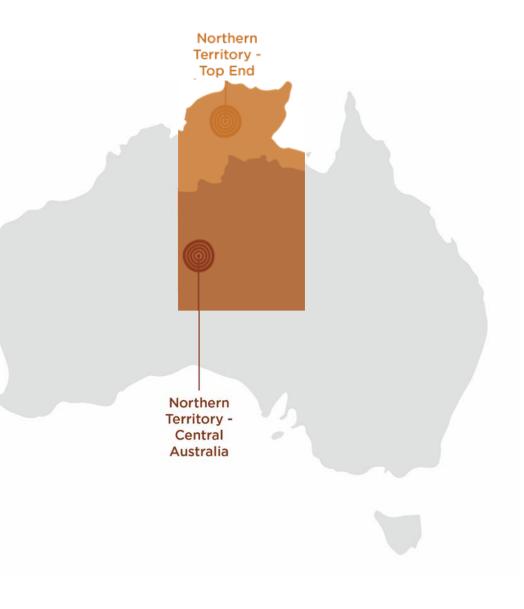
Central Australian Aboriginal Congress

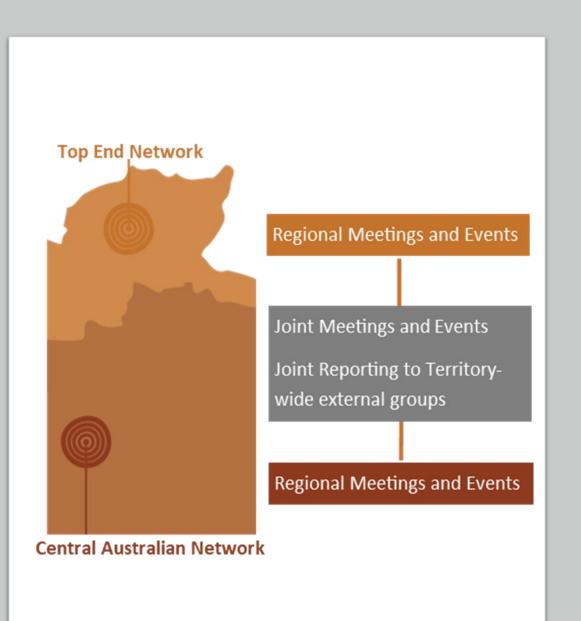
Activities delivered by Congress, for the whole Central Australia/Barkly region

- On Call Podiatry (Telehealth) Service
- Staff training workshops
- Community resources in language
- Community workshops
- Systems improvement
- Offloading kits and shoes
- Foot pamper packs



Working Together





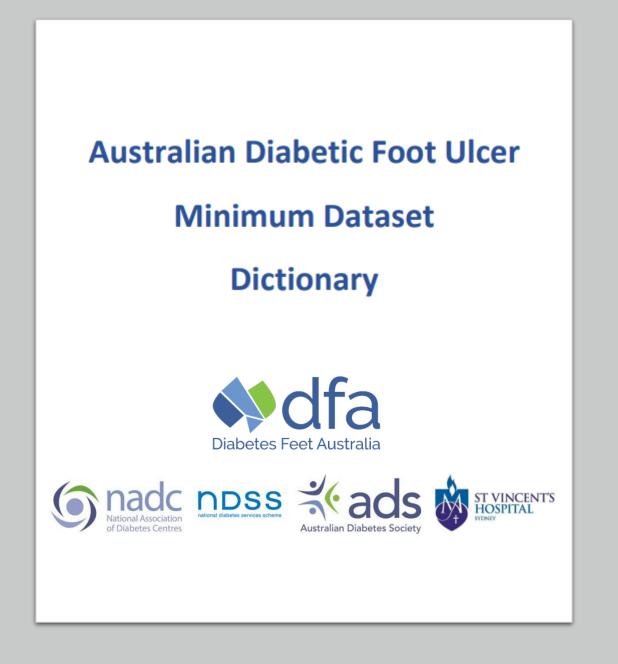
Diabetes Feet Network

- Establishing the Network and meeting the needs and expectations of the participants
- Creating the links to external networks to provide a platform for advocacy, awareness and fostering further collaboration
- Utilizing the Network to enhance Podiatry standards of care
- Provide opportunities for CPD / mentoring

Diabetes foot assessm	ient				
(Double click to open for f	urther inform	nation)			
Diabetic risk status					
Christine Ellison, Millennium Health Service	(Aboriginal Health S	Service) 13	/08/2	2021 08:45:36	
Comment					
Performed date	13/08/20	121		•	
Actual duration (minutes)					
Has end-stage kidney disease?	C Yes	⊖ No	(•	Blank	(No previou
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Clinical Items

- In Development ongoing consultations occurring with PHC and Podiatrists
- Primary Health Care clinical item
 - For use for clinicians performing foot risk screening
- Podiatry clinical item
 - For use by Podiatrists agreed minimum dataset



Australian Diabetes High Risk Foot Service Database

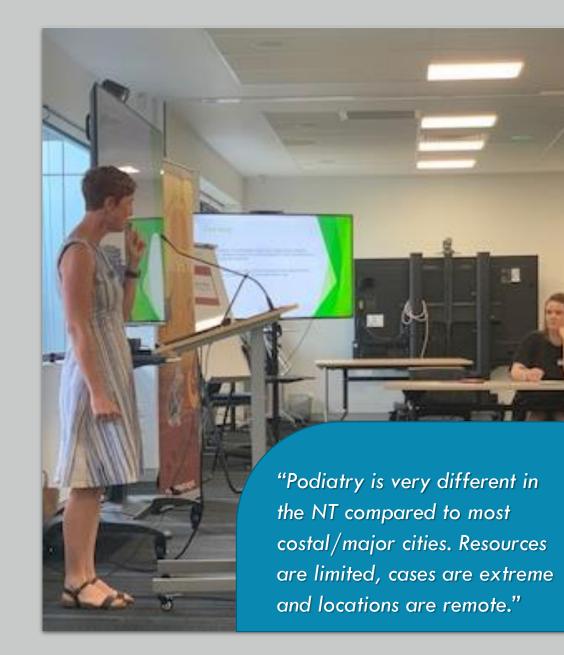
Australia wide data repository

NMA approved project

Required to go through Top End HREC and Central Aus HREC

• RDH

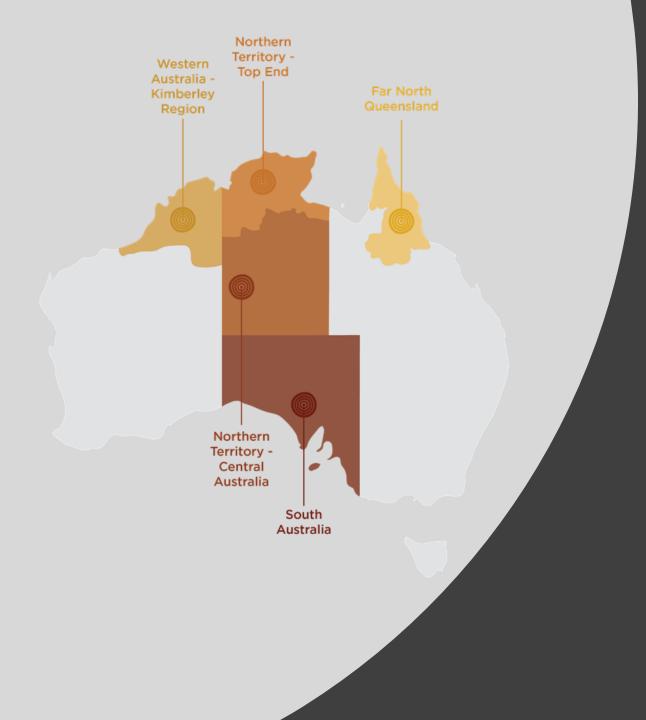
- ASH
- Congress



Podiatrist in the NT



Word Cloud from Top End Podiatrist Survey



Questions?

Contact us!

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