

A Review and Critique of Teledermatology in the South African Public Health Sector

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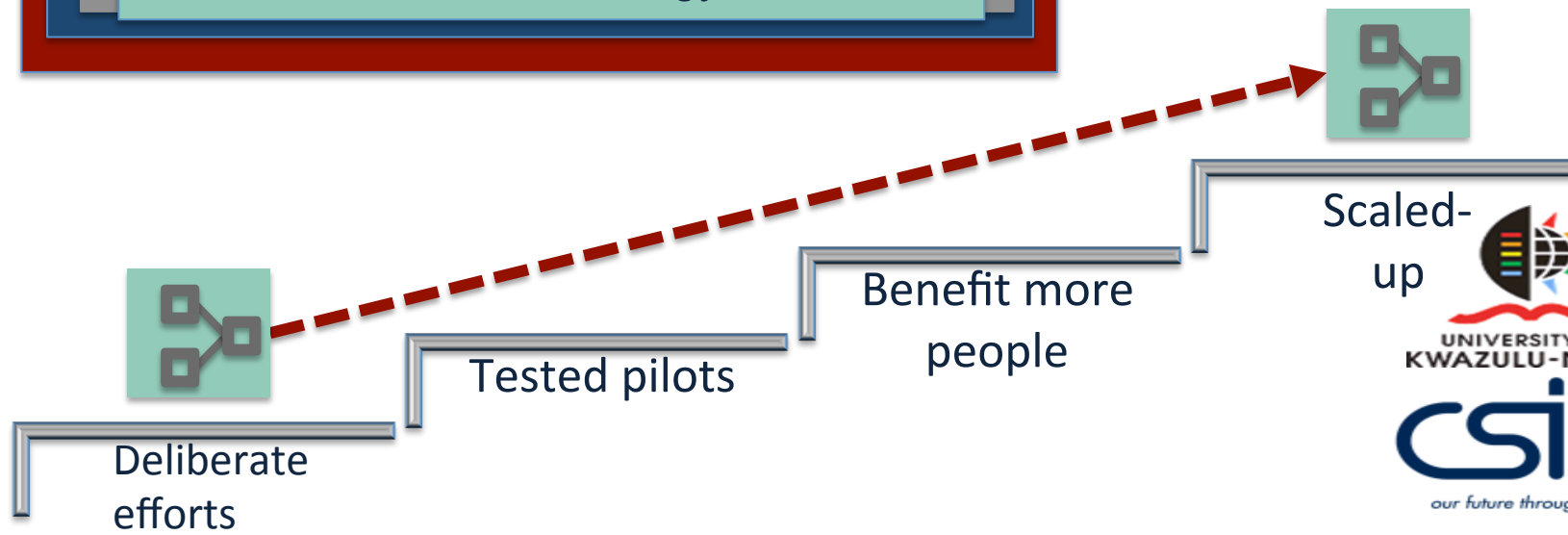
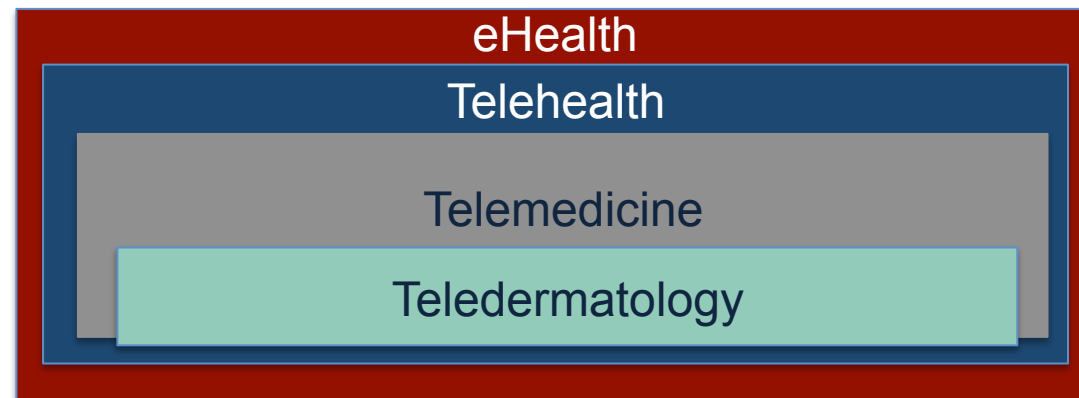
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Aim of study

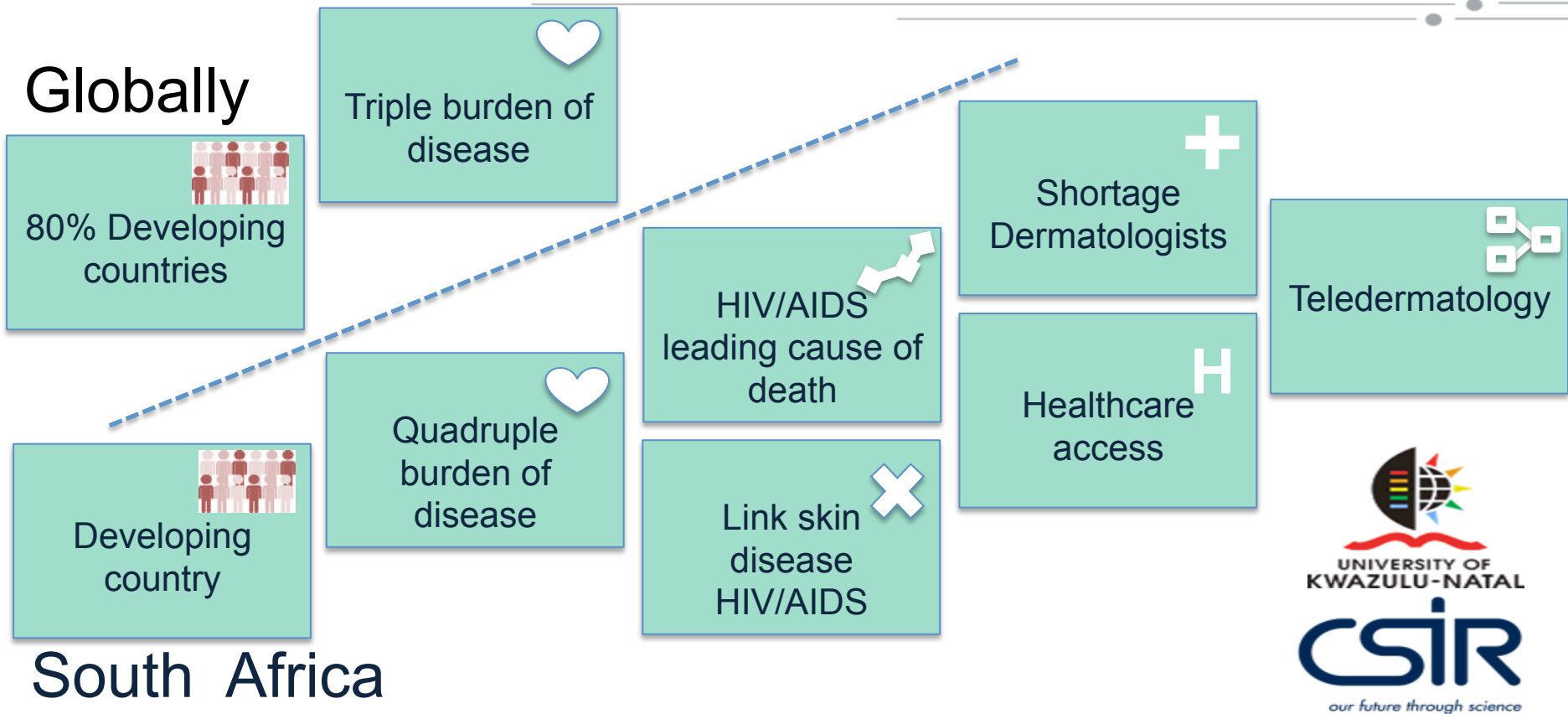
To learn lessons from documented history and current state of teledermatology in South Africa



Terms and definitions



Introduction



Introduction

9 Provinces

8,5% GDP

84% Public health

1:310,000

Dermatologist:
population ratio

1999 NTS

Strategies

eHealth & mHealth

DRAFT

Guidelines
TM Strategy

Standards

NHNS

EHR

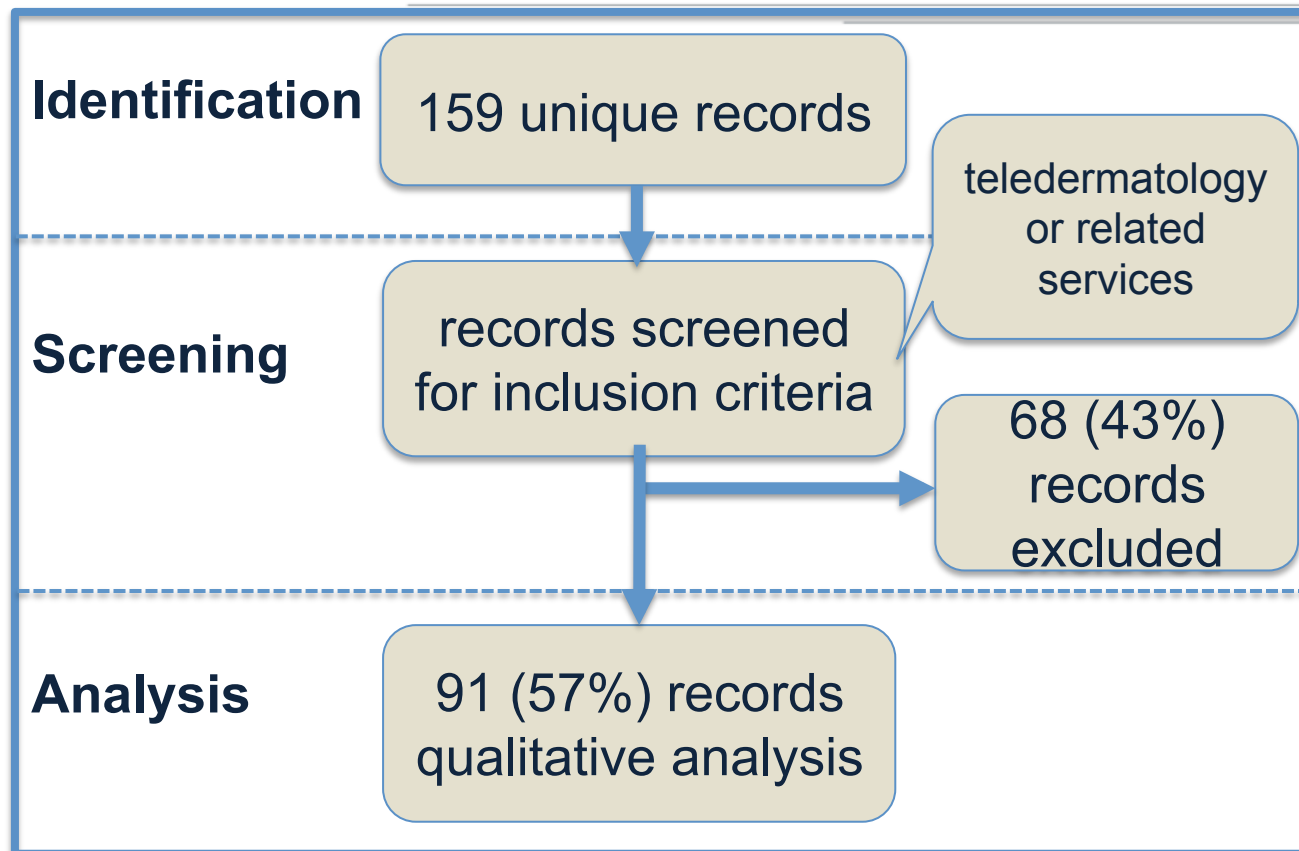


Methods

Qualitative, inductive research approach
Bibliographic databases and grey literature
Telehealth, -medicine, -dermatology and SA/ 9 Provinces
English, < 2015, Emails
Adapted MOMENTUM-Treat
Toolkit



Results literature review

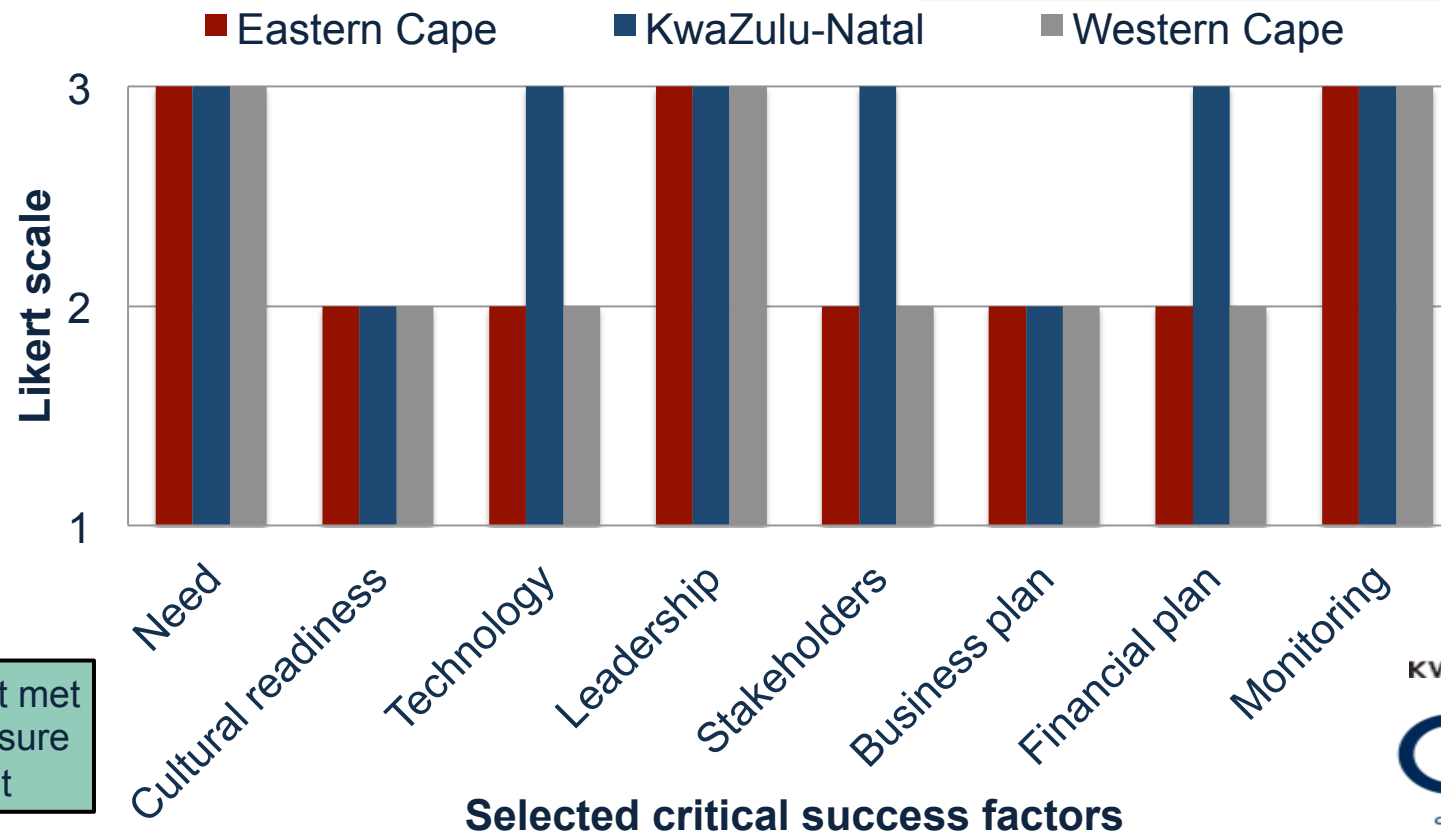


Results

- Literature Eastern Cape, KwaZulu-Natal and Western Cape
- Four active services
- Spontaneous adoption mobile devices
- Eastern Cape store and forward and internet based platform
- KwaZulu-Natal store and forward, real-time and spontaneous mobile
- Western Cape store and forward and mobile
- Limpopo – anecdotal



Results high-level critique



1 = Not met
2 = Unsure
3 = Met

Discussion

Documented current state

- NTS
- 4 Active services
- Medical school driven
- No scale-up
- Mobile
- Need

Gaps

- Holistic framework
- Align
- Regulation
- Leadership
- Planning
- Budget
- Security
- Implement

Potential future state

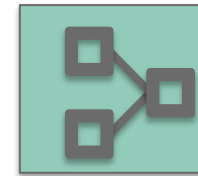
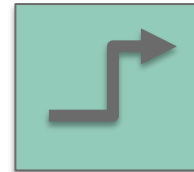
Sustainable scaled-up pilots & mobile services

Limitations

- Paucity of peer-review publications
- Access to pioneers

Conclusion

- Holistic framework
- Teledermatology scale-up possible
- Potential to enhance referral system
- Stronger programme development
- Lessons learned inform teledermatology scale-up framework



Thank You Ngiyabonga

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