The ageing population, accessing services with the help of technology

Presented by Tiffany Cordwell



Statewide Telehealth Services

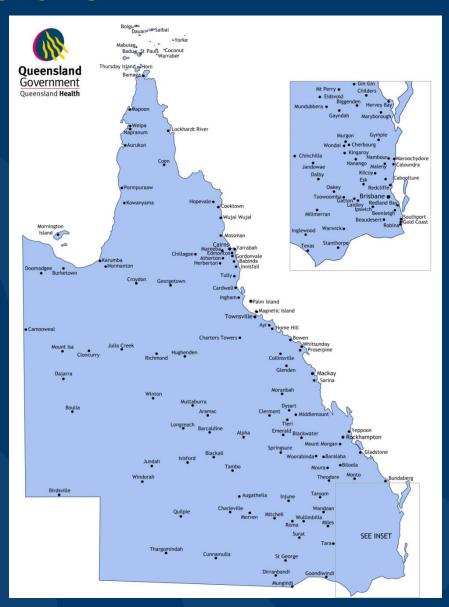
Telehealth allows patients in remote locations to talk and see a health professional from any hospital in Queensland, without the need to travel to far from home.





Infrastructure

- 1996 2 endpoints
- 2001 90 endpoints
- 2009 over 580 endpoints



The Aging Population

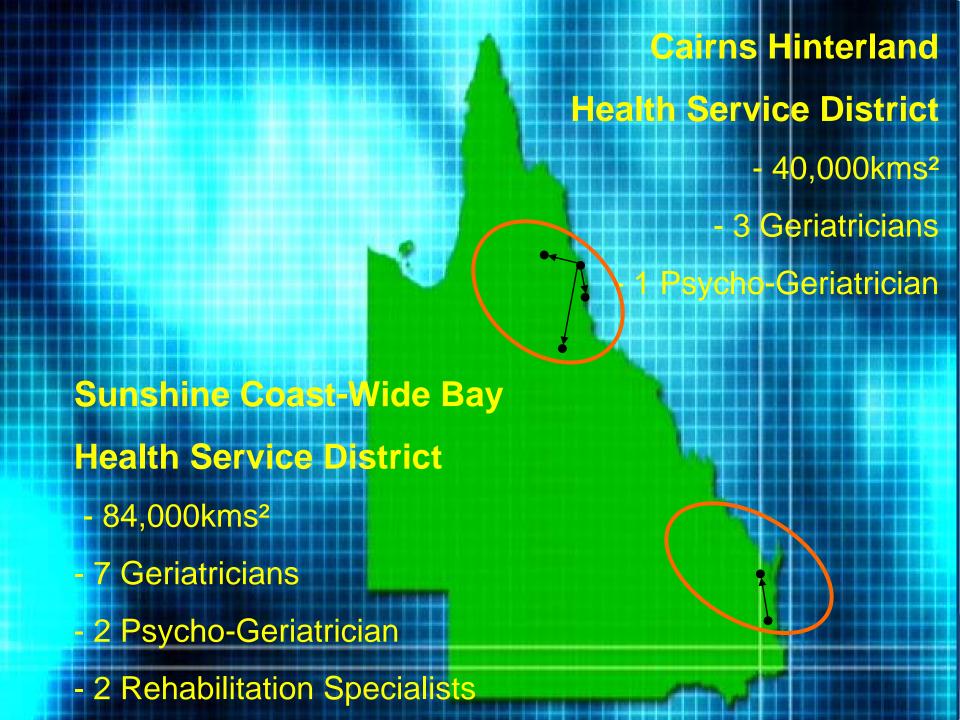
Life Expectancy at selected ages								
Age	1901-10	1965-66	1975-77	1985-87	1995-97	2006		
Males								
65	11.3	12.2	13.1	14.6	16.2	18.3		
75	6.6	7.3	7.9	8.8	9.8	11.1		
85	3.6	4.1	4.4	4.9	5.4	5.9		
Females								
65	12.9	15.7	17.1	18.6	19.9	21.5		
75	7.6	9.2	10.3	11.4	12.3	13.4		
85	4.2	4.8	5.5	6.1	6.5	7.1		

Telehealth Model of Services

University of Queensland trial – Princess Alexandra Hospital to Toowoomba Base Hospital by Professor Len Grey

Outcomes:

- Reduced travel tome (125km return trip)
- Increase in clinical hours
- If specialist travels over 1.5 hours, Telehealth is ideal



Cairns Hinterland Health Service District

Hospital	Total Hospital Beds	Episodes per year >70 years with LOS >3 days	Distance from Cairns (kms)
Cairns Base	302	1748	-
Innisfail	43	461	90
Mareeba	61	338	65

Sunshine Coast-Wide Bay Health Service District

Hospital	Total Hospital Beds	Episodes per year >70 years with LOS >3 days	Distance from Nambour (kms)	
Nambour	345	2627	-	
Maryborough	88	637	160	
Hervey Bay	104	1090	185	
Yaralla Place	96	99*	160	

^{*} Total number of licences, majority of patients are long term residents.

Benefits

- Improved access to health services.
- Improved diagnosis and integrated care planning for older people.
- More efficient use of clinicians' time and health resources.
- Improved communication with Transition Care Teams.
- A reduction in the level of inequity faced by rural people.
- Improved skills of rural and remote workers.

Key Performance Indicators

- Installation of vc units and subsequent training.
- Telehealth case conferencing and patient consultations.
- Increased Geriatrician involvement in multidisciplinary meetings.
- Trial in the use of mobile wireless videoconferencing.
- Reduction in patient waiting times for geriatrician care.
- Increased number of patients receiving multidisciplinary care with geriatrician input.

Progress To Date

Commenced April 2009

Nambour

- Weekly inpatient clinic
- Case conferences and patient bedside consultations

Cairns

- Weekly inpatient clinic + ad-hoc consultations
- Case conferences and patient consultations
- Transition Care Team monthly district meetings, educational sessions



Contacting Telehealth

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Thanks for your time!

Telehealth Internet: http://www.health.qld.gov.au/qhcss/telehealth/