Australian health libraries' contributions to hospital accreditation and the National Safety and Quality Health Services (NSQHS) Standards: results of the Health Libraries for National Standards (HeLiNS) research project

Project team
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Outline

1. What is the HeLiNS research project?

2. Results

3. Next steps

HeLiNS

Health Libraries for the National Standards

ALIA research grant 2016 awarded to:

- Health Libraries Australia
- Health Libraries Inc.

Purpose: to explore and record the contribution that health libraries make to the achievement of hospital accreditation.

HeLiNS Project Team

- Project Coordinators: Ann Ritchie & Michele Gaca

- Study 1 Leader: Gemma Siemensma

- Study 2 Leader: Jeremy Taylor

- Project Officer: Cecily Gilbert

National Reference Group

- 13 members representing all states & territories

Objectives

1. **Explore** ways in which health libraries assist their organisations in achieving accreditation

2. **Design** expert searches that will assist organisations in keeping current with the latest research-based literature (evidence) pertinent to the NSQHS Standards

3. **Assess** the availability of resource materials referenced in NSQHS Standards documentation

Australian health library landscape 2016

1322 hospitals Australia-wide[1]

- 698 public / 624 private
- 6 states / 2 territories

328 health libraries (95 in hospitals)[2]

- Metropolitan – regional – rural
- Size: L, M, S

1250 health library workforce[2]

1. AIHW 2015
2. ALIA HLA Census 2014

National Safety & Quality Health Services

Methods

Two component studies:

Study 1

— Survey of hospital library services asking how they contribute to their hospitals' accreditation.

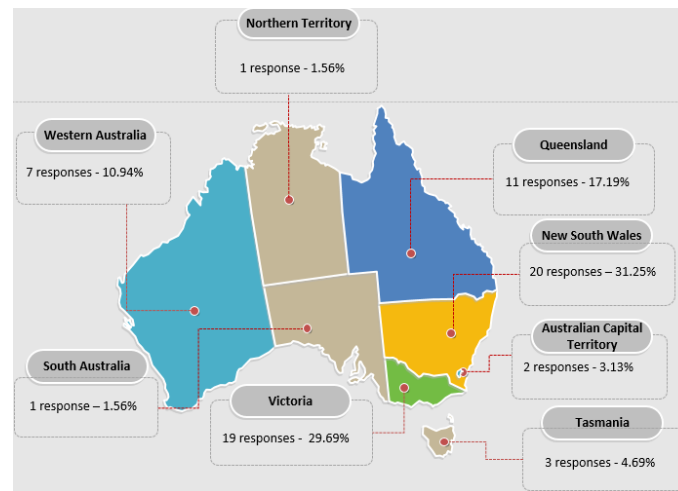— In-depth case studies (interviews) to explore some of the notable examples

Study 2

— Assessment of availability of resource materials referenced in NSQHS Standards documentation

— Designing of live literature search strategies across a range of NSQHS standards

Study 1: results

- 67.37% response rate (64 of a possible 95[1])
- All states represented
- Metropolitan (63%), regional (32%), rural (5%)

Northern Territory
1 response - 1.56%

Western Australia
7 responses - 10.94%

Queensland
11 responses - 17.19%

New South Wales
20 responses – 31.25%

Australian Capital Territory
2 responses - 3.13%

South Australia
1 response – 1.56%

Victoria
19 responses - 29.69%

Tasmania
3 responses - 4.69%

1. ALIA HLA Census 2014

Study 1
Survey Responses

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1 response - 1.56%

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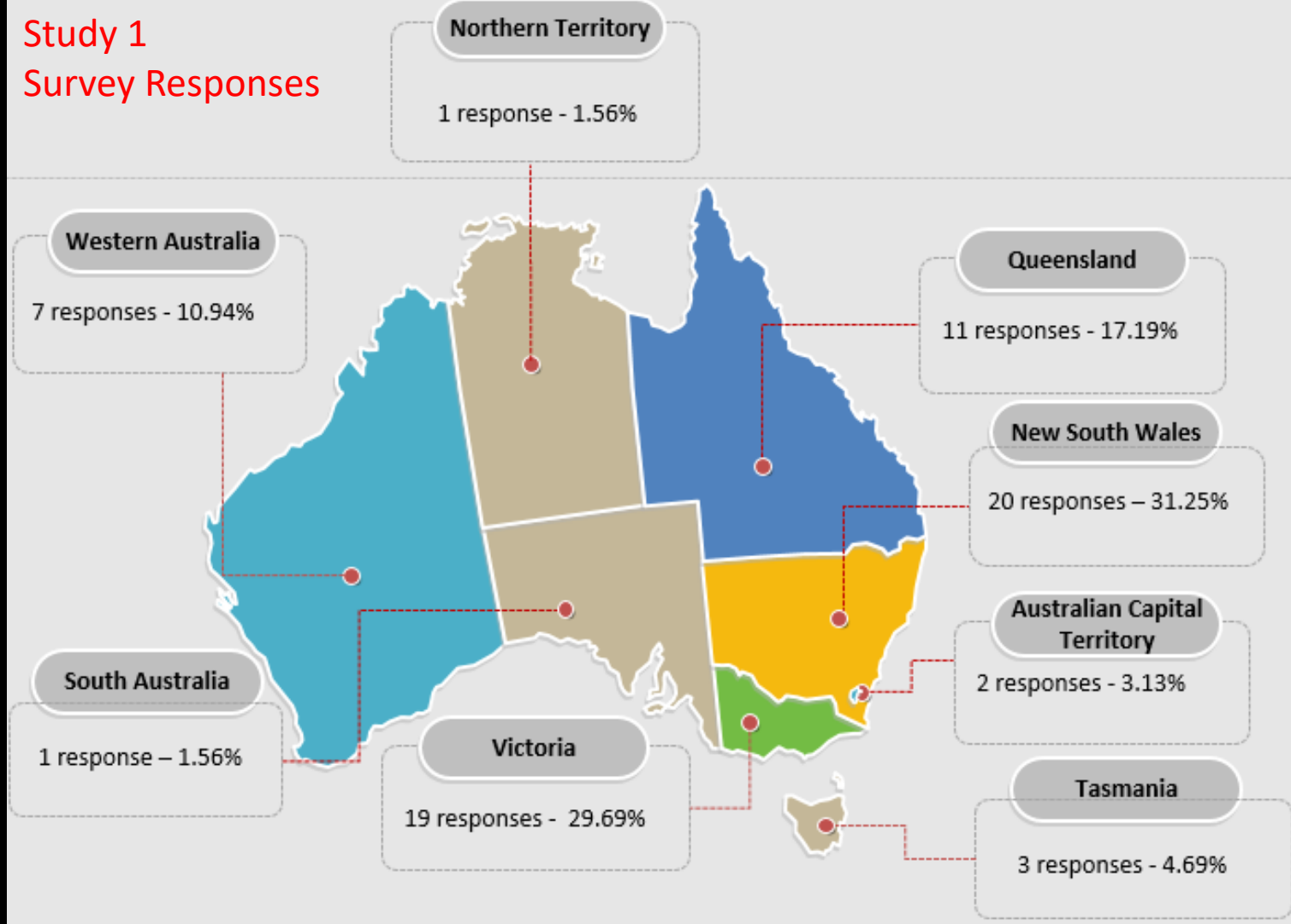
Activities supporting Standards

Traditional library services

- Lit searches (n=25)
- Collection management (n=20)
- Training (n=19)
- Doc Del (n=19)
- Alerts (n=16)

Multiple mentions

- Research support
- Reference
- LibGuides
- Dedicated subject guides for each standard
- Evidence summaries

8 detailed case studies

Case Study	Relevant Standard/s	Organisation	Key words
Austin Health Research Online (AHRO)	1	Austin Health, VIC	Clinical Governance, Information Services, Publications, Research Report
Health Literacy Champions Program	2	Barwon Health, VIC	Health Literacy, Consumer Health Information, Patient Participation
Health Literacy in Children's Health	2	Redland Hospital, QLD	Consumer Health Information, Health Literacy
Medicines Information Resources - Library & Pharmacy collaboration.	4	Ballarat Health Services, VIC	Drug Information Services, Medication Errors, Library Collection Development
Antimicrobials Guideline	1,4	Northern Territory Health	Medication Errors, Patient Safety, Clinical Governance
Search filters in the CINAHL and JBI databases	1, 2, 3, 4, 8, 10	Cabrini Health, VIC	Databases, Bibliographic, Information Seeking Behavior, Information Services, Librarians
Twilight Talks: engaging health consumers with public lectures	2	Toowoomba Hospital, QLD	Health Literacy, Consumer Health Information
Words for Wellbeing	2	Ipswich Hospital, QLD	Bibliotherapy, Consumer Health Information

Study 2: Methodology

Library Services were asked to indicate if the 322 resources which were referenced in the NSQHS Standards documentation were accessible to staff via the library's collection.
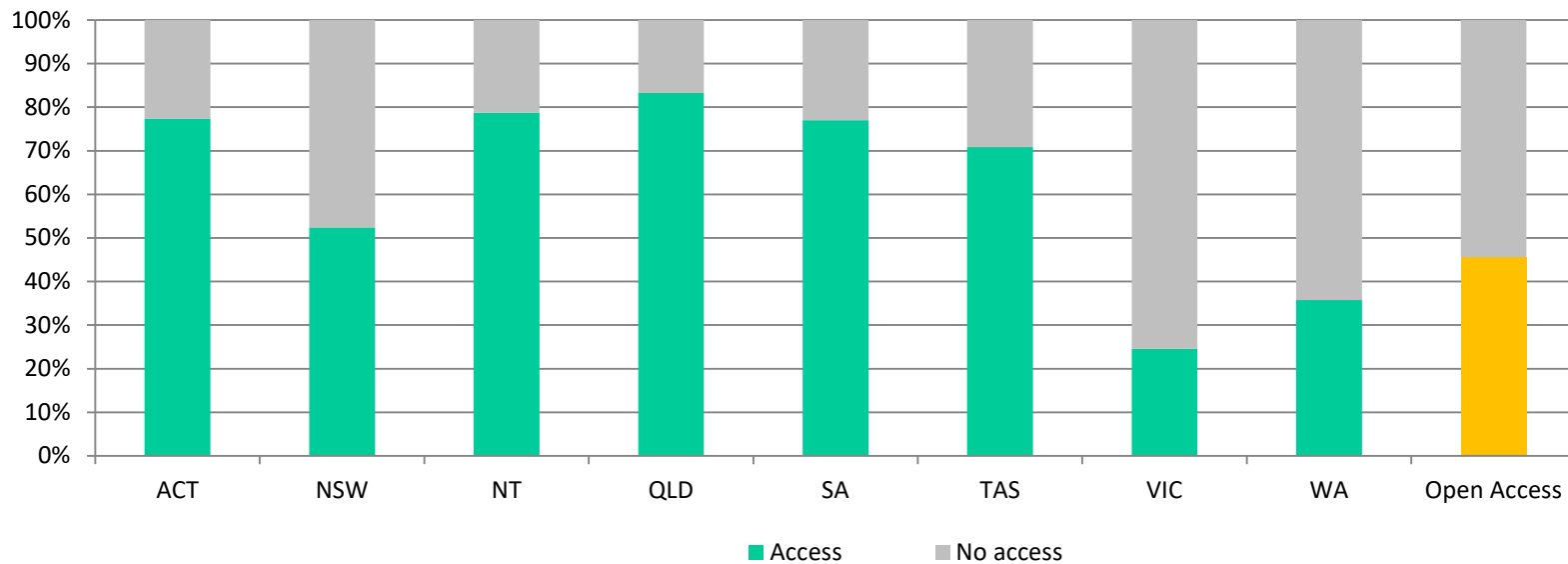
Population = 95 hospital libraries in Australia[1]

Sample stratified proportionately within 8 states/territories by size (S,M,L) and location (metro/rural/regional):
→ 54 libraries invited to participate
→ 32 responded, approx = 60% RR

[1] HLA Census 2014

Study 2: results

State-wide portals provide between 25% and 80% of references
Less than 50% references are available on OA (Cochrane is the only nationally subscribed resource; may be some overlap with OA data)

Comparison of models: national and state

322 listed citations in NSQHS document references:
No. of citations available from state-provided information portals,
and average no. of citations from library subscriptions
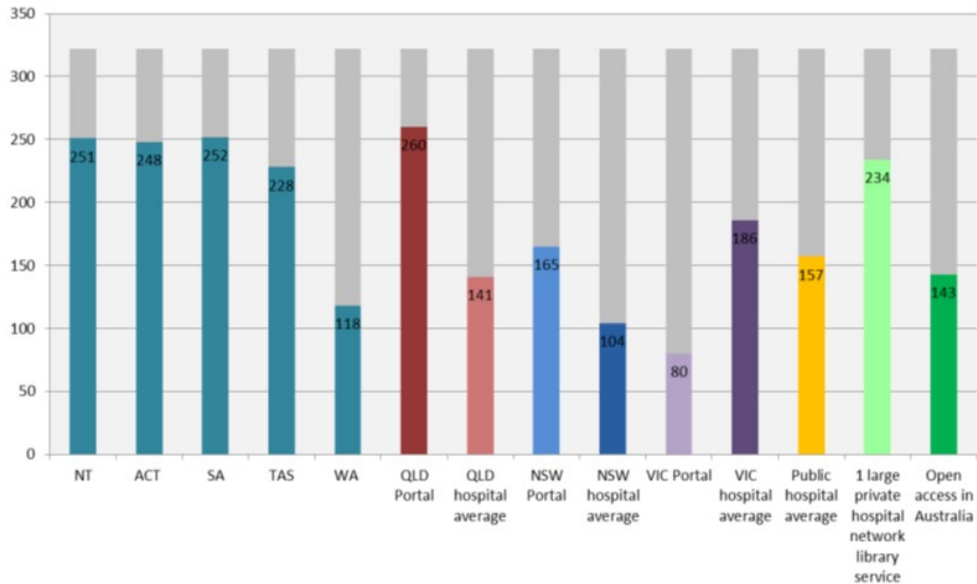
Note:
NT, ACT, SA, TAS have single library services that provide services statewide.
Library and state portal access does not exclude open access. In some cases citations within paid subscriptions are also available open access.

The research did not analyse:

- Portal's purpose and collection policies
- Cost per clinician
- Performance
- Library services eg. doc del

Live Search Strategies

Topics

- Advance care planning
- Blood management
- Clinical handover
- Delirium
- Deteriorating patient

- Falls prevention
- Infection prevention
- Medication Safety
- Partnering with consumers
- Pressure injures
- Wound management

Australian **Library** and
Information Association

NSQHS Standards - Live Literature Searches

ADVANCE CARE PLANNING

PubMed Base Search

This is a targeted search for references about advance care planning in a hospital setting, in English, for the last 5 years.

More Options

More searching options (including reviews and Australian context) are available **here.**

BLOOD MANAGEMENT

PubMed Base Search

This is a targeted search for references about blood management in a hospital setting, in English, for the last 5 years.

More Options

More searching options (including reviews and Australian context) are available **here.**

CLINICAL HANDOVER

PubMed Base Search

This is a targeted search for references about clinical handover in a hospital setting, in English, for the last 5 years.

More Options

More searching options (including reviews and Australian context) are available **here.**

DELIRIUM

PubMed Base Search

This is a targeted search for references about delirium health care in a hospital setting, in English, for the last 5 years.

More Options

More searching options (including reviews and Australian context) are available **here.**

DETERIORATING PATIENT

PubMed Base Search

This is a targeted search for references about the deteriorating patient in a hospital setting, in English, for

FALLS PREVENTION

PubMed Base Search

This is a targeted search for references about falls prevention in a hospital setting, in English, for the last 5

Advance Care Planning: More Searching Options

Last 12 Months Only

Search here for the targeted set of references in English, in a hospital setting, from the last 12 months only.

Broad Search

Search here for a more extensive set of references on the general topic of Advance Care Planning. *(Note: not limited by language, date or setting.)*

Australian Context

Search here to limit results to those in an Australian context. *(Note: this is the more specific search, limited to an Australian context. Not limited by date.)*

Guidelines

Search here for references for guidelines on Advance Care Planning. *(Note: this is the broad search, limited to guidelines. Not limited by date.)*

Quality Improvement

Search here for references about Advance Care Planning with a focus on health service quality improvement. *(Note: this is the more specific search, limited to a quality improvement focus. Not limited by date.)*

Reviews

Search here to limit results to Advance Care Planning studies that are reviews. *(Note: this is the more specific search, limited to reviews. Not limited by date.)*

Next steps

- Talking with ACSQHC to get live search strategies on their website
- Develop more live search topics
- Maintain live search topics into the future
- Make in-depth case studies available for others to use as a peer-to-peer tool
- Look at incorporating elements of version 2 of the NSQHS standards (beginning January 2019)
- Disseminate results of the research widely

Conclusion

- Health libraries in Australia make a substantial contribution to support their organisations in successfully achieving accreditation.

- Health libraries are integral to hospital quality and safety, but it's not a level playing field.

- Hospitals without a health library may be at a disadvantage when undergoing NSQHS accreditation.

Acknowledgements

The Project team thanks ALIA for the research award, HLA and HLI for contributing funds, the members of the Reference Group for their expert advice, and Sarah Hayman for leading the development of the 'live' tested search strategies.