Transdisciplinary assessment models: Making the most of the allied health workforce

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Acknowledgements

Transdisciplinary assessment models

Redesign roles around patient needs

Blend perspectives

Exchange knowledge & skills

Integrate elements of assessment

One team member assesses across multiple domains of function

Martin AK, Green TL, McCarthy AL, Sowa PM, Laakso EL. Healthcare Teams: Terminology, Confusion, and Ramifications. J Multidiscip Healthc. 2022 Apr 8;15:765-772. doi: 10.2147/JMDH.S342197. PMID: 35422626; PMCID: PMC9005079.

Clinical study at Mater

22 month pre-/post- study

Profession-specific vs transdisciplinary stroke assessment

Assessment time (manual timing, two-sample t-test)

Assessment duplication (audit of allied health assessments)

Number of OTs and PTs involved (medical record audits, Pearson's chi-squared test)

Key outcomes

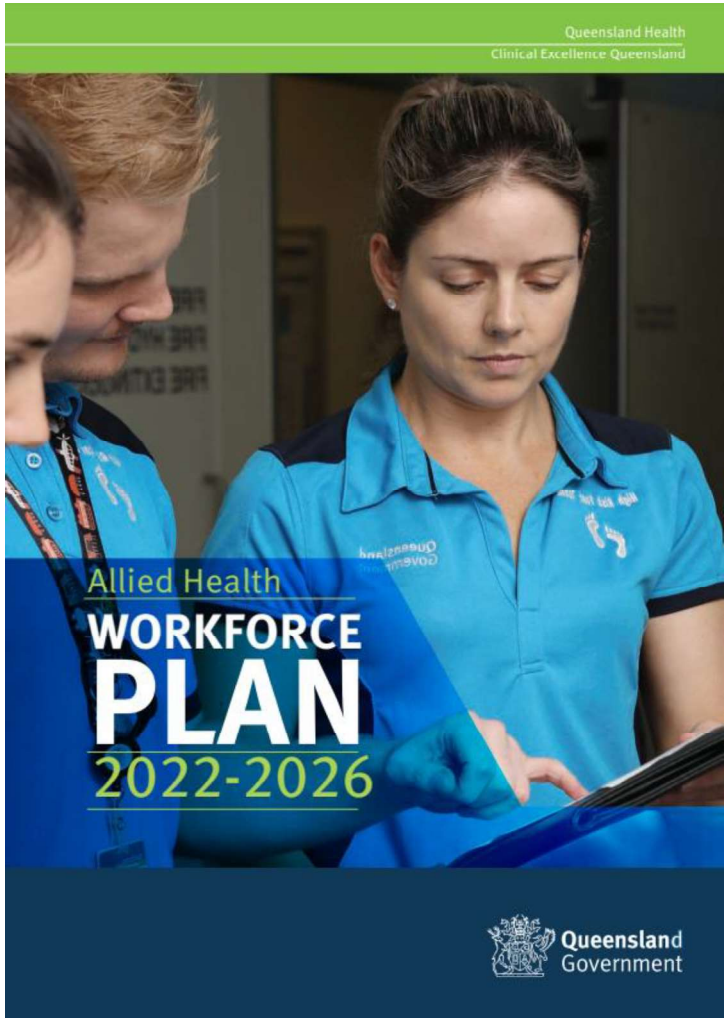
65 minutes ($p<0.001$) → Saved allied health time

54.6% tasks/questions → Reduced service duplication

PT 100% to 84.5% ($p<0.001$)
OT 100% to 87.1% ($p=0.003$)
→ Changed service provision

Existing workforce provide efficient and extra services

Policy implications



Supported by existing policy

Vision

To optimise the allied health workforce and service models to contribute to the broader healthcare team, and provide high value, efficient and person-centred services

https://www.health.qld.gov.au/__data/assets/pdf_file/0031/1158952/Workforce-plan-2022-2026.pdf

Policy implications

Translate from the acute stroke unit:

- Identify patient groups
- Co-design with stakeholders
- Formal competency training
- Technology, electronic health records
- Make use of resources

AUSTRALIAN COMMISSION ON SAFETY AND QUALITY IN HEALTH CARE

*https://www.safetyandquality.gov.au/publications-and-resources/resource-library/**credentialing-health-practitioners-and-defining-their-scope-clinical-practice**-guide-managers-and-practitioners*

Case example

Patient: 70-year-old woman, osteoporosis, back pain, impacting daily activities

Setting: GP practice, co-locate allied health services (e.g., physiotherapy)

Transdisciplinary model: electronic assessment tool to determine allied health needs/referrals

Outcome:

1) Home exercise plan & pain management education
2) MAC referral for social work
3) MAC referral for occupational therapy

Thank you

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