Biography

Lisa is the Director, NDIA Evidence Service (Contract research for National Disability Insurance Agency) and was formerly Director of Research for the School of Primary and Allied Health Care. She is a member of the department of Occupational Therapy, teaching into Graduate Entry and Undergraduate courses. Her research has built on her PhD (completed in 2011) which incorporated quantitative (RCT, cohort, and audit) and qualitative methods to explore the issue of treatment adherence in people with acute hand injuries. She now has two key streams of research:

Clinical research, specifically the management of upper limb injuries and limb absence
Health Services Research, including workforce design and health literacy

Qualifications

Employment

ADJUNCT ASSOCIATE PROFESSOR
Occupational Therapy
MONASH UNIVERSITY
14 Sep 2021 → present

Honorary

Alfred Health
Melbourne, Australia
1 Aug 2016 → present

Research output

3D-printed custom-designed prostheses for partial hand amputation: mechanical challenges still exist

Emerging professional practice areas: Focus on technology

Research in occupational therapy

Cost, profile, and postoperative resource use for surgically managed acute hand and wrist injuries with emergency department presentation
Postoperative hand therapy management of zones V and VI extensor tendon repairs of the fingers: An international inquiry of current practice

Relative motion extension management of zones V and VI extensor tendon repairs: Does international practice align with the current evidence?

Health care staff responses to disinvestment-A systematic search and qualitative thematic synthesis

Capturing the costs of acute hand and wrist injuries: Lessons learnt from a prospective longitudinal burden of injury study

Outcomes after occupational therapy intervention for traumatic brachial plexus injury: A prospective longitudinal cohort study

Profile and cost of sport and exercise-related hand and wrist injuries with Emergency Department presentation

The effect of transferring weekend physical therapy services from the acute to sub-acute setting in patients following hip and knee arthroplasty: a quasi-experimental study

Aussie Rules players risk injuring hands and wrists too

Health professionals' perceptions of the allied health role in the acute setting following hip and knee joint replacement surgery: a qualitative study

Barriers and facilitators to adopting functional maintenance initiatives for acutely hospitalised older adults

Facilitating Adherence to the Plan of Care

Description and cost-analysis of emergency department attendances for hand and wrist injuries

Understanding health professional responses to service disinvestment: A qualitative study

Effectiveness of interventions to improve therapy adherence in people with upper limb conditions: A systematic review
A novel counterbalanced implementation study design: Methodological description and application to implementation research

Recovery in the first six months after hand and upper limb burns: A prospective cohort study

Trans-disciplinary advanced allied health practitioners for acute hospital inpatients: a feasibility study

Effectiveness of a weekend physiotherapy service on short-term outcomes following hip and knee joint replacement surgery: a quasi-experimental study

The Jack Brockhoff Foundation Churchill Fellowship: To gain new knowledge regarding 3D-printed hand prostheses

Additional weekend allied health services reduce length of stay in subacute rehabilitation wards but their effectiveness and cost-effectiveness are unclear in acute general medical and surgical hospital wards: a systematic review

Cumulative incidence of carpal instability 12-24 months after fall onto outstretched hand

Effect of Psychosocial and Vocational Interventions on Return-To-Work Rates Post-Acute Myocardial Infarction: A SYSTEMATIC REVIEW

Barriers and enablers to ongoing exercise for people with chronic health conditions: Participants’ perspectives following a randomized controlled trial of two interventions

Implementation of evidence-based weekend service recommendations for allied health managers: A cluster randomised controlled trial protocol

Gym-based exercise was more costly compared with home-based exercise with telephone support when used as maintenance programs for adults with chronic health conditions: Cost-effectiveness analysis of a randomised trial

Cumulative Incidence of Carpal Instability in the Second Year after a Fall onto Outstretched Hand

Designing Better 3D-Printed Hand Prostheses; a Pilot Study
Impact of disinvestment from weekend allied health services across acute medical and surgical wards: 2 stepped-wedge cluster randomised controlled trials

Two case reports—Use of relative motion orthoses to manage extensor tendon zones III and IV and sagittal band injuries in adjacent fingers

Gym-based exercise and home-based exercise with telephone support have similar outcomes when used as maintenance programs in adults with chronic health conditions: A randomised trial

Weekend allied health services for acute medical / surgical patients to improve efficiency and safety of patient care

What makes weekend allied health services effective and cost-effective (or not) in acute medical and surgical wards? Perceptions of medical, nursing, and allied health workers

Challenges, uncertainties and perceived benefits of providing weekend allied health services - a managers' perspective

Factors predicting health status and recovery of hand function after hand burns in the second year after hospital discharge

Research in occupational therapy

Interventions to achieve ongoing exercise adherence for adults with chronic health conditions who have completed a supervised exercise program: Systematic review and meta-analysis

The use of kinesio tape for the treatment of lateral epicondylitis: Results of a randomised controlled trials and qualitative study

Patient and Therapist Agreement on Performance-Rated Ability Using the de Morton Mobility Index

Direct, indirect and intangible costs of acute hand and wrist injuries: A systematic review

Do daily ward interviews improve measurement of hospital quality and safety indicators? A prospective observational study
Early commencement of physical therapy in the acute phase following elective lower limb arthroplasty produces favorable outcomes: a systematic review and meta-analysis examining allied health service models

Predictors of employment participation following lung transplant

Relative motion orthoses in the management of various hand conditions: A scoping review

Carpal Instability After a Fall Onto Outstretched Hand An Incidence Study

Do Intra-articular PIP Fractures Do Better With Swing Traction or No-Traction Protocols? A Cohort Study

New Ways of Creating Capacity Online Training for Hand Therapists in Bangladesh

Seating modification, back posture and change in lower back pain amongst occupational car drivers with chronic lower back pain

A randomized controlled trial of comparative effectiveness of elastic therapeutic tape, sham tape or eccentric exercises alone for lateral elbow tendinosis

Embracing an occupational perspective: Occupation-based interventions in hand therapy practice

Ecological Validity Of Standardised Functional Assessments Of Cognition After Brain Injury In An Acute Setting

Validating The Use Of The Functional Autonomy Measurement System (SMAF) For Routine Assessment Of Activities Of Daily Living Within The Australian Hospital Setting

A cohort study example on the swing traction method for complex intra-articular PIP fractures

Data collection methods in health services research: hospital length of stay and discharge destination

Education for cancer-related fatigue: Could talking about it make people more likely to report it?

Effectiveness Of A Wrist Rehabilitation Group Including Proprioceptive Exercises: A Pilot Study
Getting the best fit: Therapists ratings of the most important traits when recruiting to new graduate positions

Hand burns: Which person, injury, and treatment factors predict recovery?

Knowledge of and willingness to recommend kinesiotape for upper limb overuse injuries: A comparison of therapists',
GPS' and surgeons' perspectives
245 8 p.

Outcomes and participant experience of an online train-the-trainer program for Bangladeshi health professionals: a case
study evaluation
O'Brien, E. J., Broom, L. & Ullah, M. M., 2015, In: Journal of Continuing Education in the Health Professions. 35, 1, p. 46 -
56 11 p.

Problem-based learning: Best evidence in health professional education
O'Brien, L., 2015, Evidence-Based Education in the Health Professions: Promoting Best Practice in the Learning and

Study protocol for two randomized controlled trials examining the effectiveness and safety of current weekend allied health
services and a new stakeholder-driven model for acute medical/surgical patients versus no weekend allied health services
Lescai, D., McDermott, F. M., Sarkies, M. N., Ghaly, M., Shaw, L., Juj, G. & Skinner, E., 2015, In: Trials. 16, 1, p. 133 -
158 26 p.

Swing traction versus no traction for complex intra-articular proximal interphalangeal fractures: a multi-centre cohort study

The use of elastic therapeutic tape and eccentric exercises for lateral elbow tendinosis: a case series

Using and prescribing kinesiotape as a treatment modality for musculoskeletal disorders
409 2 p.

Clinical commentary in response to: Relationships between pain misconceptions, disability, patients' goals and
interpretations of information from hand therapists

The impact of a hand therapy screening on patients referred for surgical opinion - reply

A novel research design can aid disinvestment from existing health technologies with uncertain effectiveness, cost-
effectiveness, and/or safety

A scoping review of the use of elastic therapeutic tape for neck or upper extremity conditions

Application of a novel disinvestment research design to the use of weekend allied health services on acute medical and
surgical wards - randomised trial and economic evaluation protocol
Developing hand therapy skills in Bangladesh: experiences of Australian volunteer

Education for cancer-related fatigue: could talking about it make people more likely to report it?

Experiences of Australian hand therapists in developing capacity in Bangladesh

Outcomes and participant experience of on-line training for Bangladesh health professionals

Swing traction versus no-traction for complex intra-articular proximal inter-phalangeal fractures

Silicone gel sheeting for preventing and treating hypertrophic and keloid scars (Updated Review)

Does pre-surgery education meet the needs of elective sternotomy patients? A survey from the patient's perspective

Health status of people with work-related musculoskeletal disorders in return to work programs: a Malaysian study

Occupational competence and its relationship to emotional health in injured workers in return to work programs: a Malaysian study

Occupational performance implications regarding the impact of interrupted sleep subsequent to hospitalisation for older adults: A systematic review

Pre-surgery education for elective cardiac surgery patients: A survey from the patient's perspective

The impact of a hand therapy screening and management clinic for patients referred for surgical opinion in an Australian public hospital

The impact of an extended scope hand therapy screening and management clinic for patients referred for elective hand surgery

The Impact of Return to Work Programs on the Health Status of Injured Workers with Work-Related Musculoskeletal Disorders: A Malaysian Study
Improving older trauma patients’ outcomes through targeted occupational therapy and functional conditioning

Psychometric properties of occupational self-assessment for injured workers with musculoskeletal disorders

The evidence on ways to improve patient's adherence in hand therapy

Reliability and validation properties of the Malaysian language version of the Occupational Self Assessment version 2.2 for injured workers with musculoskeletal disorders

Single blind, prospective, randomized controlled trial comparing dorsal aluminum and custom thermoplastic splints to stack splint for acute mallet finger

Targeted Occupational Therapy Services for older patients admitted

Adherence to therapeutic splint wear in adults with acute upper limb injuries: A systematic review

Patient experience of distraction splinting for complex finger fracture dislocations

Determinants Of Compliance With Hand Splinting In An Acute Brain Injured Population

Determinants of compliance with hand splinting in an acute brain injured population

Achieving a successful and sustainable return to the workforce after ABI: A client-centred approach

Pre-vocational group intervention program for building motivation in mature aged unemployed people with a disability

Silicon gel sheeting for preventing and treating hypertrophic and keloid scars (Review)

Silicon gel sheeting for preventing and treating hypertrophic and keloid scars (Protocol)

Awards
Director, Evidence Services - Research and Evaluation Program, National Disability Insurance Agency
O’Brien, L.
National Disability Insurance Scheme (NDIS): AUD121,093.50
16/03/20 → 22/09/20

Projects

3-D printed hand prosthetic devices: improving their design and delivery models
O’Brien, L., Chen, C. & Lavranos, J.
1/03/19 → 1/09/20

A Partnership for Evidence-Based Resource Allocation and Enhanced Research Translation in Allied Health
National Health and Medical Research Council (NHMRC) (Australia)
1/12/15 → 31/05/21

A new approach to disinvestment: Application to falls prevention mobilisation alarms
National Health and Medical Research Council (NHMRC) (Australia)
1/01/20 → 31/12/24

Allied health use of iSAP for case-based and theoretical learning: Effectiveness for student learning outcomes, staffing and resource efficiency
Monash University – Internal School Contribution
29/05/18 → 31/03/20

Application of a novel research design to aid disinvestment from existing health technologies with uncertain effectiveness, cost-effectiveness and/or safety
Haines, T., McDermott, F., O’Brien, L. & Skinner, E. H.
National Health and Medical Research Council (NHMRC) (Australia)
1/09/13 → 31/08/15

Director, Evidence Services - Research and Evaluation Program, National Disability Insurance Agency
O’Brien, L.
National Disability Insurance Scheme (NDIS)
16/03/20 → 22/09/20

Efficacy and patient acceptance of distraction splinting for complex intra-articular finger fractures
O’Brien, L.
Occupational Therapy Trust Fund
1/01/09 → 31/12/09

Epidemiology And Costs Of Sports Related Acute Hand Injuries: A Retrospective Analysis Of Two Emergency Departments In Australia
Robinson, L. & O’Brien, L.
12/04/18 → 14/04/19

Improving 3D printed hand prosthesis design
O’Brien, L.
The Winston Churchill Memorial Trust
1/02/18 → 31/01/19

Quantifying and comparing the burden of hand and wrist injuries in an Australian adult population
O’Brien, L.
Australian Hand Therapy Association Inc
1/01/16 → 31/12/17
Seating modification, back posture and change in lower back pain amongst occupational car drivers with chronic lower back pain
Haines, T., Keating, J., Laird, R. & O’Brien, L.
Victorian WorkCover Authority (VWA) (trading as WorkSafe Victoria), Transport Accident Commission (TAC) (trading as Transport Accident Commission Compensation Payments) (Victoria)
1/07/13 → 1/07/14

The Self Grasping Hand in daily practice, a pilot study
Smit, G. & O’Brien, L.
Promobilia Foundation
1/03/19 → 28/02/20