

Allied Health incorporates Nutrition, Occupational Therapy, Physiotherapy, Prosthetics and Orthotics, Rehabilitation, the Social Work and Koori Hospital Liaison Officer Program and Subacute Ambulatory Care Services.

About us

Assoc Prof Lynette Joubert, Allied Health Research Consultant, University of Melbourne; Maryanne Egan, Allied Health and Community Programs Group Manager; and Ralda Bourne, Occupational Therapy Manager and Allied Health Research Coordinator, combine with all Allied Health and community programs heads of departments to continue the culture of research across the Allied Health professions at St. Vincent's. We engage in a range of research activities across the healthcare continuum in discipline-specific projects and in collaboration with other professions and internal programs and external partners.

Projects in progress or completed

The ongoing project of 'Allied Health online' involves the disciplines of Occupational Therapy, Social Work, Nutrition and Physiotherapy. This

project is the development of a case scenario-based online educational tool for students and new graduates. The project is near its completion. We look forward to launching it in conjunction with the University of Melbourne in 2009.

Informing and educating Allied Health staff about research has been a continuing theme and this year a workshop was held by the Allied Health Research Consultant Assoc Prof Lynette Joubert and Dr Kim Brock, Research Coordinator, Physiotherapy and Rehabilitation. The topics addressed were 'From Practice to Research: thinking about research design' and 'Quantitative research: from audit to RCT – where are you going to start?'

The agenda for Allied Health research has been to focus on discipline-specific and collaborative research which is demonstrated in the following department reports.

NUTRITION

[The Nutrition Department at St. Vincent's actively participates in research to improve the identification and management of nutritional issues impacting on patient recovery and the management of chronic disease.](#)

About us

The St. Vincent's Nutrition Department was established in 1933 through the efforts of Gertrude Healy, the Mother Rectress, and

celebrated its 75th anniversary in 2008. The department provides nutrition and dietetics services to all sites of St. Vincent's and aims to foster collaborative efforts, professional excellence, nutritional research, evidence-based practice and professional development. We also have a focus on providing high quality student clinical training, supervising undergraduate students from Monash University and postgraduate students from Deakin University.

Projects in progress or completed

A pilot study in association with Deakin University and St. Vincent's Upper Gastrointestinal and Colorectal Units was commenced in 2008. This study aims to determine whether the provision of preoperative immunonutrition five days prior to gastrointestinal cancer surgery will improve postoperative outcomes for patients.

Together with the Intensive Care Unit the Nutrition Department also participated in the International Nutrition Survey, a multi-centre international observational study developed by Critical Care Nutrition.

Research applications in the clinical setting

The publication of research in 2008 highlighting inadequate identification and documentation of patients at nutritional risk when admitted to an acute ward has led to the formation of a St. Vincent's Nutrition committee with key stakeholders from across

the hospital. This committee is developing a hospital-wide nutrition strategy. The strategy aims to raise awareness of the importance of identifying patients' nutritional problems on arrival and providing patients with adequate nutrition during their hospital stay. It also aims to improve the assessment, documentation and management of patients' nutrition by all clinicians across St. Vincent's, with the assistance of support staff.

The team

Natalie Simmance, Chief Dietitian;
Naomi Adams, Honours Student;
Alison Bowie, Acting Chief Dietitian;
Alison Garth, Honours Student;
Erin Kennedy, Honours Student;
Sandy Mason, ICU Dietitian; Sonja Neumann, Dietitian; Clara Newsome, Gastrointestinal Dietitian

Highlights

Alison Garth

– Junior Investigator Award Oral Presentation, St. Vincent's Research Week, 2008

Sonja Neumann

– 3rd prize poster Allied Health/ Nursing, St. Vincent's Research Week, 2008

Higher degrees conferred in 2008

– Erin Kennedy, Bachelor of Nutrition and Dietetics, Honours, Deakin University

Selected presentations

Garth A

– 'Perioperative nutritional status and postoperative nutritional outcomes in gastrointestinal cancer patients', Dietitians Association of Australia, National Conference, Gold Coast, Australia, May 2008

Collaborations

– Deakin University

Publications

Adams N, Bowie A, Simmance N, Murray M, Crowe T 2008, 'Recognition by health professionals of malnutrition and risk of malnutrition in elderly hospitalised patients', *Nutrition and Dietetics*, 65, 2, 144-150

Garth A, Newsome C, Simmance N, Crowe T 2008, 'Perioperative nutritional status and postoperative nutritional outcomes in gastrointestinal cancer patients', *Nutrition and Dietetics*, 65, Supp 2, S31

OCCUPATIONAL THERAPY

The Occupational Therapy service at St. Vincent's actively pursues opportunities to engage in research to improve service efficiencies and enhance understanding of how to best meet patient needs.

Projects in progress or completed

Better care of older people is a priority for occupational therapists at St. Vincent's. In 2007-2008 a study was conducted by Heather McInness, senior occupational therapist in the Geriatric Evaluation and Management (GEM) unit at St. Vincent's. Focus groups were

held to explore key stakeholders' opinions and ideas regarding preferred delivery method and content for falls prevention education. The findings led to the development of a presentation for the GEM unit that covers information older people identified as important. This information has been shared at many professional forums and the St. Vincent's Falls Working Party is currently investigating use of the presentation in other parts of the health service.

Seeking ways to 'work smarter' resulted in a research partnership with the occupational therapy school at La Trobe University. An honours student supported our project 'Recommendations for environmental modification: the reliability of using digital photographs, environmental measurements and a functional status report to assess home access'. Data collected from 25 home assessments by the OT staff at both St. Vincent's and St. George's demonstrated that reasonable inter-rater reliability indicates this alternative method of providing modification recommendations could be useful in practice to replace costly and time consuming simple home visits. This study provides us with the evidence to review our mode of practice in certain situations.

Selected presentations

Bourne R, Ellis Z

- ‘Data leads the occupational therapy story with aged care patients who have high level care needs’, National Occupational Therapy Conference, Melbourne, 2008

McInnes H

- ‘Aged care principles and occupational therapy – putting principles into practice’, National Occupational Therapy Conference, Melbourne, 2008
- ‘Developing falls prevention education for older people in hospital’, National Occupational Therapy Conference, Melbourne, 2008

PHYSIOTHERAPY

St. Vincent’s Physiotherapy Department is a leader in developing clinician-led research programs for a range of conditions including arthritis, cardiovascular conditions, stroke and multiple sclerosis.

About us

St. Vincent’s Physiotherapy Department provides physiotherapy interventions across the full spectrum of acute and subacute services, inclusive of physiotherapy services at St. George’s. The department is a clinical teaching school for the School of Physiotherapy, the University of Melbourne, providing high quality undergraduate and postgraduate

education in both clinical and research studies.

The goals of research in the Physiotherapy Department are to contribute to the development of evidence-based physiotherapy practice and to encourage a strong clinical focus in physiotherapy research. Alicia Martin, Acting Chief Physiotherapist, and Dr Kim Brock, Gr 4 Research and Rehabilitation Physiotherapist, jointly coordinate the Physiotherapy Department’s research program in collaboration with Prof Lynette Joubert, Centre for Allied Health Research. The department has a broad research agenda, including clinical trials of treatment efficacy, development of assessment protocols and health service evaluation. As well as having programs of research specific to the discipline of physiotherapy, we are partners in collaborative research projects with the departments of Orthopaedics, Rehabilitation, Restoring Health and the Centre for Allied Health Research.

Projects in progress or completed

As part of the new hip and knee osteoarthritis initiatives at St. Vincent’s, the orthopaedic team of the Physiotherapy Department is investigating the differential diagnosis of tibiofemoral and patellofemoral knee OA utilising clinical and radiographic assessments and a computerised gait analysis system. Three studies led by the orthopaedic team are in the final stages: a pilot study investigating

the efficacy of targeting additional physiotherapy services for patients having difficulty recovering knee function following knee arthroplasty; development of a clinical pathway for ankle fractures; and a reliability study of the Ankle Lunge Test.

Three other projects focus on follow-up care after stroke. Using the Bobath Concept approach to treatment, one project is investigating recovering the ability to walk safely outdoors while the second is studying the early stages of recovery of arm function in patients with very little active control. The third project is a comparison of different forms of orthotic management for ankle control in walking, utilising computerised gait analysis. We have a collaborative project with the University of Melbourne in multiple sclerosis, investigating the immediate effect of foot mobilisation on walking in a gait laboratory.

Research applications in the clinical setting

The development of a clinical pathway for management of ankle fractures has provided clinical guidelines promoting evidenced-based practice, standardised use of objective measures and enabled comprehensive review of patient outcomes. The study has defined expected rate of progress and ‘flags’ for poor progress for ankle fractures with conservative or surgical management. Clinicians can use these indicators to identify patients

who are at risk of poor outcome and adjust the treatment program accordingly.

The use of computerised gait analysis systems in the research programs has facilitated staff training in their use and applicability. This has resulted in the wider use of these resources in clinical care.

The team

Alicia Martin, Physiotherapist, Allied Health Professional; Susie Black, Physiotherapist, Research – Allied Health Practitioner; Dr Kim Brock, Physiotherapist, Research – Allied Health Practitioner; Christine Graven, Student; Paul Ilett, Physiotherapist, Student – Masters, Research – Allied Health Practitioner; Robert Mehan, Physiotherapist, Student – Masters, Research – Allied Health Practitioner; Carolyn Page, Physiotherapist, Research – Allied Health Practitioner; Nicola Ross, Physiotherapist, Research – Allied Health Practitioner; David Simondson, Physiotherapist, Research – Allied Health Practitioner

Grants

Brock K, Galea M, Miller K, Ross N

Improving outcomes for the upper limb in severe stroke: the efficacy of rehabilitation interventions based on the Bobath Concept – a pilot study. St. Vincent's Research Endowment Fund, (2008), \$10,000

Gillet N, Brock K, Guilfoyle K

Does additional home-based physiotherapy post total knee joint replacement (TKJR) improve outcomes in a sub group of patients who are at risk of poor outcome? St. Vincent's Research Development Grant (2006-2008) \$3,000

Ilett P, Brock K, Lythgo N, Martin C

Improving steadiness in single leg stance with people with multiple sclerosis. St. Vincent's Research Development Grant (2005-2009) \$4,000

Joubert L, Brock K, Graven C, Kennedy G, Hill K, Smith P, Ross N, Ames D

From rehabilitation to recovery: a model to optimise consumer and carer involvement. Commonwealth Government – Australian Research Council (2007-2010) \$76,000

Mehan R, Brock K, Bradshaw E, Rice V

A preliminary study into the effectiveness of various foot orthoses on gait parameters in early stroke patients with varying ankle impairments. St. Vincent's Research Endowment Fund, (2008), \$10,000

Page C, Brock K, Ross N, Lim K

A classification model for improved specificity of knee joint osteoarthritis. St. Vincent's Research Endowment Fund, (2008), \$8,222

Selected presentations

Brock K

- Invited speaker, 'Goal Setting in Rehabilitation', Neuroplasticity and Rehabilitation, Singapore, November 2008

- Invited speaker (honorarium provided), 'Interventions for severe upper limb', Neuroplasticity and Rehabilitation, Singapore, November 2008
- Invited speaker (honorarium provided), 'Neuroplasticity and the upper limb', Neuroplasticity and Rehabilitation, Singapore, November 2008

Martin A

- Invited speaker, 'A rehabilitative approach to the management of severe chronic obstructive pulmonary disease', Palliative Care Conference, Melbourne, Australia, October 2008

International collaborations

- Kliniken Schmieder, Konstanz, Germany

National collaborations

- Australian Catholic University
- The Peter James Centre, Eastern Health
- University of Melbourne

Publications

Brock K, Black S, Cotton S, Kennedy G, Wilson S, Sutton E 2008, 'Goal achievement in the six months after inpatient rehabilitation for stroke', *Disability and Rehabilitation*, DOI: 10.1080/09638280802356179

Mehan R, MacKenzie M, Brock K 2008, 'Skilled transfer training in stroke rehabilitation: a review of use and safety' *International Journal of Therapy and Rehabilitation*, 15, 9, 382-389

PROSTHETICS AND ORTHOTICS

St. Vincent's Prosthetics and Orthotics Department maintains an active research program with a primary focus on the development of advanced orthotic knee joints for the effective treatment of pathomechanical gait disturbances.

About us

The Prosthetics and Orthotics Department currently has nine staff members and the total EFT profile is 8.2 EFT, comprising seven clinicians and two technicians.

The department provides prosthetic and orthotic services to all acute and subacute units at Fitzroy, outpatients, Correctional Health, Victorian Artificial Limb Program, Polio Services Victoria, Young Adult Complex Disability Clinic, Subacute Ambulatory Care Services and subacute units at Kew.

The department is the national leader in the orthotic management of complex lower limb disorders. We have completed approximately 90 per cent of the Stance Control Knee Ankle Foot Orthosis fittings in Australia and are second only to a facility in Southern California USA.

The team

Darren M Pereira, Chief Prosthetist Orthotist; Priya C Davis, Grade 3 Prosthetist Orthotist; Honor Murdoch, Grade 2 Prosthetist Orthotist

Grants

Davis PC, Pereira DM

The effect of Stance Control Knee Ankle Foot Orthoses on energy expenditure and gait characteristics compared with Locked Knee Ankle Foot Orthoses. International Society of Prosthetists Orthotists – Australian National Member Society, (2007-2009), \$7,470

Presentations

Davis PC, Murdoch H

– Plenary speaker, *'The use of gaitrite in a clinical setting'*, International Society of Prosthetists Orthotists – Australian National Member Society, Adelaide, Australia, November 2008

Murdoch H

– Plenary speaker, *'Orthotic management of Wek hip extensors'*, International Society of Prosthetists Orthotists – Australian National Member Society, Adelaide, Australia, November 2009

Collaborations

– La Trobe University

REHABILITATION

Research in rehabilitation at St. Vincent's is focused on team-based research, exploring interventions to improve long-term outcomes and the effectiveness of our services

About us

The Rehabilitation Service at St. Vincent's provides patient-centred and comprehensive care through our two inpatient rehabilitation units in Fitzroy and Kew. The Fitzroy unit provides a wide spectrum of rehabilitation services, including those with neurological diagnoses such as stroke, multiple sclerosis and incomplete spinal cord pathologies and those with musculoskeletal diagnoses such as fractures, joint replacements and lower limb amputation. Being co-located with the acute services, we are able to commence early rehabilitation with patients who have ongoing medical issues such as tracheostomy and requirement for renal dialysis. A significant proportion of our patients are under the age of 60, enabling younger people to receive rehabilitation with others of similar age. The Rehabilitation Unit at St. George's has an aged care focus and provides neurological, orthopaedic and medical rehabilitation. Rehabilitation inpatients at St. George's are now receiving therapy in a new, purpose-built facility together with

community rehabilitation services. Best practice in rehabilitation requires an interdisciplinary team approach. Our research activities reflect this, with each project developed and progressed by teams drawn from across the health service.

Projects in progress or completed

The Rehabilitation Unit, in collaboration with the University of Melbourne, obtained an Australian Research Council grant to investigate the efficacy of interventions aimed at assisting patients and their carers to achieve their personal goals in the first year after stroke. The investigators on this project are Assoc Prof Lynette Joubert, Dr Kim Brock, Prof David Ames, Prof Keith Hill and Christine Graven. This research initiative grew out of a previous project addressing goal achievement and community reintegration of stroke survivors, the results of which were published this year. We have recently completed another goal-focused study, demonstrating that achievement of short-term goals during rehabilitation is a valid method of measuring patient progress.

The St. Vincent's Rehabilitation Unit is a leader in developing competency-based training for expert manual handling involved in assisting stroke patients to transfer from bed to chair. An audit of the safety and utilisation of these transfers was published in 2008. We are also conducting a pilot

study of the safety and feasibility of the early introduction of power wheelchairs for patients with moderate to severe strokes, with Emma Sutton as lead investigator.

Research applications in the clinical setting

The focus on goal setting has had significant clinical benefits for the rehabilitation teams in our inpatient units. Patient-centred goal setting is central to rehabilitation, to enable development of individualised treatment programs that meet the specific needs and wants of our patients and their carers. The research we have undertaken in this area has highlighted the importance of achieving personal goals for quality of life and reducing depression. Within the rehabilitation teams, clinicians have become more skilled at setting objective, specific and relevant goals collaboratively with patients. The research into power wheelchair use has led to the development of training packages and programs to upskill all members of the rehabilitation team in the use of power wheelchairs and safe methods of teaching wheelchair skills.

Research outcomes in relation to patient care

The goal setting studies have resulted in greater engagement of staff with patients and their families and an increased focus on the patient's personal lifestyle choices. Discussion of goals in team meetings has led to greater information sharing between disciplines and

therefore a more coordinated approach to rehabilitation.

The team

Dr Kim Brock, Physiotherapist and Research – Allied Health Practitioner; Christine Graven, Physiotherapist and Research – Allied Health Practitioner; Robert Mehan, Physiotherapist and Research – Allied Health Practitioner; Emma Sutton, Occupational Therapist and Research – Allied Health Practitioner

Grants

Joubert L, Brock K, Graven C, Kennedy G, Hill K, Smith P, Ross N, Ames D

From rehabilitation to recovery: a model to optimise consumer and carer involvement. Commonwealth Government – Australian Research Council, (2008-2011), \$76,000

Collaborations

- La Trobe University
- University of Melbourne

Publications

Brock K, Black S, Cotton S, Kennedy G, Wilson S, Sutton E 2008, 'Goal achievement in the six months after inpatient rehabilitation for stroke', *Disabil Rehabil*, 1-7

Mehan R, MacKenzie M, Brock K 2008, 'Skilled transfer training in stroke rehabilitation: a review of use and safety', *International Journal of Therapy and Rehabilitation*, 15, 9, 382-389

SOCIAL WORK AND KOORI HOSPITAL LIAISON OFFICER PROGRAM

St. Vincent's Social Work and Koori Hospital Liaison Officer (KHLO) Program have developed a research program which aims to translate available knowledge in order to build new knowledge and draw on policy directions to transform clinical practice.

About us

Sonia Posenelli, Chief Social Worker and Dr Carrie Lethborg, Social Worker Grade 4 jointly coordinate the social work research program within the directorate of Aged Care and Allied Health. Collaboration with Assoc Prof Lynette Joubert of the School of Nursing and Social Work, the University of Melbourne and St. Vincent's Centre for Allied Health Research, remains a pivotal component of our research efforts.

In May 2008 Social Work in Aged Care and Allied Health restructured from two streams – acute and subacute – into a fully integrated single department working across three campuses. In collaboration with the Mission directorate, additional staffing this year has enabled the creation of a new Aboriginal Health Team.

In 2008 we celebrated 75 years of Social Work at St. Vincent's and 25 years of the Koori Hospital Liaison Officer Program. These milestones represent a century of combined achievements.

Projects in progress or completed

Kerry Solomon completed her Master of Social Work (Research) study on the needs of carers of people with glioblastoma multiforme.

Sonia Posenelli, in partnership with Onemda VicHealth Koori Health Unit's Angela Clarke, Nicole Waddell and Shaun Ewen, completed the Department of Human Services Improving Care for Aboriginal and Torres Strait Islander Patients (ICAP) resources project. The project findings and several resource packages will soon be available online.

A project funded by the Western and Central Melbourne Integrated Cancer Service (WCMICS) to create a targeted orientation and information program for newly diagnosed cancer patients to reduce distress was completed.

Dr Carrie Lethborg's NHMRC-funded post-doctoral study to develop a model on meaning and adjustment to cancer has commenced with the development of a manualised intervention.

A pilot study in aged abuse funded by St. Vincent's Research Grants Committee in 2005 led to a successful funding submission from the Australian Research Council, announced in late 2008. The study is entitled 'Responding to a window of opportunity: the detection of aged abuse in an acute and subacute healthcare setting'. It is a collaborative effort between the directorate of Aged Care and Allied Health, Social Work, Acute Care including Emergency at St. Vincent's, the School of Nursing and Social Work at the University of Melbourne and the National Ageing Research Institute (NARI).

This year Aboriginal Health at St. Vincent's (which includes the KHLO Program and Social Work) was selected to contribute to a national Indigenous research project – Improving the Culture of Hospitals.

Research applications in the clinical setting

In the forthcoming year the findings from the glioblastoma multiforme study will be used to inform new social work service responses to this high need population including routine post-discharge follow up and an electronic contact service option.

We will also conduct a scoping project on the needs of carers and families of cancer patients with a specific focus on the dimension of 'wellbeing'. The research will identify specific evidence including clinical guidelines available to inform clinicians about the needs of carers and families of people living with cancer.

The WCMICS-funded orientation and distress screening study provided training to cancer specialist nurses in four tumour streams to incorporate the model into standard practice. Incorporating this model into their practice took approximately 20 per cent more time than previously spent with new patients but provided a more thorough assessment and provision of information. An extensive process of conceptualisation of psychosocial distress has enabled the development of a psychosocial component for the St. Vincent's oncology and lung cancer databases. This triggers an alert to psychosocial staff for patients at risk of clinical levels of distress. Additionally a communication strategy has been developed to share the psychosocial issues with members of the multidisciplinary teams (MDT). The work has provided a useful intervention to address previously unmet needs for people newly diagnosed with cancer and one that is sustainable and transferable across MDTs in the acute setting.

The team

Sonia Posenelli, Chief Social Worker; Andrew Badcoe, Social Worker Grade 1; Assoc Prof Lynette Joubert, Allied Health Research Mentor; Dr Carrie Lethborg, Social Worker Grade 4; Kerry Solomon, Social Work Team Leader, Aged Acute and GEM; Laurelle Stalker, Social Worker Grade 2

Grants

Joubert LB, Ames D, Ozanne EA, Posenelli S, Gerdtz MF

From suspicion to intervention: improving responsiveness to abuse of the elderly in acute and subacute healthcare. Commonwealth Government – Australian Research Council, (2008-2010), \$96,000

Lethborg C, Stalker L, Chapman P, McDonald S

Does a multidisciplinary face-to-face preoperative supportive care education and counselling intervention prior to major head and neck surgery assist postoperative adjustment more than standard care? St. Vincent's Research Endowment Fund, (2008), \$15,000

Selected presentations

Stalker A

– 'Cancer and the family survivorship', Oncology Social Work Australia – National Conference, Melbourne, 2008

Publications

Calder A, Badcoe A 2008, 'Broken bodies, healing spirits: road trauma survivors experiences of pastoral care during inpatient orthopaedic rehabilitation', *Australian Journal of Pastoral Care and Health*, Vol. 1, No 2 June 2008

Lethborg C 2008, 'Seizing the opportunity: responding to the call for improved psychosocial care to cancer patients using innovation, collaboration and strategic thinking', *Oncology Social Work Australia*, Nov 2008, Randwick Children's Hospital, NSW

Lethborg C, Brown R 2008, '*The identification of cancer patients at risk of psychosocial distress and the provision of targeted information: a strategy for implementing evidence-based guidelines*', Western and Central Melbourne Integrated Care Service

Lethborg C, Christ G 2008 (in press), 'Social work support in crisis' *Handbook of Communication in Oncology and Palliative Care*, Oxford University Press

Lethborg C, Posenelli S 2008 (in press), 'Improving psychosocial care for cancer patients', *Social Work and Global Health Inequalities*

Lethborg C, Aranda S, Kissane D 2008, 'Meaning in adjustment to cancer: a model of care', *Palliative and Supportive Care*, 6 (1), March, 61-70

SUBACUTE AMBULATORY CARE SERVICES

St. Vincent's Subacute Ambulatory Care Services (SACS) provides multidisciplinary community rehabilitation services and specialist clinics.

About us

Community rehabilitation is a growing sector of healthcare due mainly to the ageing population. SACS conducts multidisciplinary outpatient clinics for specific health needs including Geriatric Medicine, Continence, Falls and Balance and a Cognition, Dementia and Memory Service (CADMS). We also offer specialised outpatient clinics for people with specific diagnoses (Polio Services Victoria and the Young Adults with Disability Clinic).

SACS offers centre-based community rehabilitation at St. George's (Kew), Darebin Community Rehabilitation Centre and St. Vincent's (Fitzroy). Home-based services are available for those who are unable to attend community centres and those for whom therapy is more appropriately provided in their home. We have recently opened a new, purpose-built facility at St. George's to provide the full suite of Allied Health rehabilitation interventions. We focus on facilitating a smooth transition for patients as they move

through the various stages of their recovery and reintegration into the community. SACS clinics provide expert multidisciplinary assessment, education and referral to appropriate community services. Support of caregivers and family members is an important role in all SACS services.

Projects in progress or completed

In collaboration with Restoring Health at St. Vincent's, we are investigating the long-term outcomes of people with chronic respiratory disease or heart failure who attend maintenance exercise programs. This project was successful in obtaining a grant from the St. Vincent's Research Endowment Fund.

A new information brochure was developed and piloted to better address the information needs expressed by carers/family members of clients attending the CDAMS clinic. The study demonstrated that the new brochure achieved higher levels of patient and carer satisfaction than the generic brochure developed by the Department of Human Services.

The team

Dr Georgia Lowndes, Clinical Neuropsychologist; Helen Vasilopoulos, Nurse

Grants

Howard R, Brock K, Patsamanis H, Tran M, Savion J

Are cardiopulmonary maintenance programs associated with improving long-term outcomes in chronic lung disease and heart failure? St. Vincent's Research Endowment Fund, (2008-2009), \$10,000

Collaborations

– Monash University