Patricia Peck Education & Research Precinct

Cabrini Health
An innovative partnership bringing together some of Melbourne’s leading health professionals and academics to support the health and wellbeing of around 3.5 million Victorians.
Flagship areas of health service - Cancer Services

Cabrini is the largest private health provider of cancer care (Medibank data)

Following the acquisition of PET-CT technology onsite in 2018, means Cabrini is now the 2nd largest fully integrated cancer provider in Victoria behind the Peter Mac.
Cabrini Institute Research

9 Research Departments working in the areas of medical oncology, colorectal surgery, palliative care, psycho-oncology, nursing, clinical epidemiology, allied health, emergency medicine and ICU

>100 books, articles and book chapters published in FY16-17

>$45 million in external grant funding held in 2017

26 new clinical trials commenced in 2017

Partnerships with 5 Universities

>100 research projects approved by CHREC in 2017
Cabrini Research - Bench to Bedside

14%  86%

**Discovery**
- Colorectal Organoids

**Translation**
- Phase 1a oncology trial program
- Spirituality Study
- MaP Therapy
- ACPTalk website

**Application**

Mayo 2017
Colorectal cancer is common throughout Australia with a high mortality rate 2nd biggest cancer killer

“Human mini-guts” Miniaturised version of an individual’s normal organ or tumour grown in a cell culture dish

Bowel cells seeded in 3D matrix. Organoids mimic the original tissue structure and function.

Develop a routine pre-clinical test that can predict treatment outcomes for CRC patients, before they undergo therapy.

Personalised Medicine - Giving the right drug to the right patient
Translational Research - Clinical Trials

Oncology Clinical Trials
Cabrini Monash Department of Medical Oncology

- >50 active clinical trials in 2017
- 1-2 new trials approved per month
- Immunotherapy/targeted therapy
- Phase 1a program initiated 2017

Spirituality’s Role for Palliative Care Patients and Caregivers
Cabrini Palliative and Supportive Care Research Unit, St Vincent’s Hospital, HammondCare (Sydney)

- One of Australia’s first multisite studies examining spiritual and religious beliefs of patients and caregivers with advanced illness
- 400 patients to be recruited
- Development of patient and caregiver spiritual concerns assessment tools

Meaning and Purpose (MaP) Therapy in advanced cancer patients
Szalmuk Family Psycho-oncology Research Unit, St Vincent’s Hospital Sydney

- MaP therapy is designed to bring together concepts of meaning based coping, to empower people to live fully with true value, purpose and determination
- RCT to examine the efficacy of MaP therapy in improving the psychological well being of patients living with advanced cancer
- 219 patients to be recruited to 3 arm study
- Timeline 24 months
Research Implementation - ACP Talk website

ACP Talk was funded by the Australian Government Department of Health and developed by the Centre for Nursing Research to support health professionals in conducting advance care planning conversations with people from diverse religious and cultural backgrounds. The website was released in September 2016.

- During the period of 1 September 2016 to 30 June 2017 ACP Talk had 14,288 page views with 4,785 sessions where 68.8% were new visitors and 31.2% were returning

- Web access was mapped to all states and territories and was representative of health professionals working in the aged, primary, continuing and acute care

- Successful marketing campaign including ACP conference sponsorship, GP lecture, media releases, and publications

- The ACP enACT project builds on the website and aims to develop and pilot an ACP simulation-based learning (SBL) intervention for nurses. The intervention includes pre-reading, a facilitated discussion, a series of simulated scenarios with actors, and the opportunity to receive direct feedback.
Cabrini’s Research Future

- Strengths in clinical trials, both investigator led RCT’s and Pharma sponsored oncology clinical trials
- Expansion of Pharma sponsored trials into other areas
- Important to build on research at the implementation stage. We would like to have a greater focus in Health Services
- Member of the Capital Markets Cooperative Research Centre (CMCRC) and Digital CMCRC. We have a CMCRC PhD placement in business analytics and have just been awarded 2 more PhD placements in digital health
- Cabrini’s research strategy will align with the flagship areas, and the Cabrini Renew strategy that focuses on our vulnerable population
- Value Based Healthcare and Individualized Medicine will also be key aspects of Cabrini’s research strategy