

2017

RBWH

RESEARCH REPORT

CANCER CARE SERVICES

RBWH

celebrating

150
years

1867-2017



Queensland
Government

CANCER CARE SERVICES



Professor Glen Kennedy
Executive Director
Cancer Care Services

We continue to strive to further expand and embed research within CCS across all patient and disease groups

RBWH Cancer Care Services (CCS) is committed to providing high quality, patient focused, evidence based care. Research is critical to delivery of this vision, including opportunity for access to novel treatments. The CCS research community involves all CCS units and disciplines, including Medical Oncology, Haematology / BMT, Haemophilia, Radiation Oncology, Nursing, Allied Health and Pharmacy. Highlighted individual achievements included A/Prof Liz Kenny awarded an Order of Australia, and A/Prof Steven Lane awarded the national CSL Centenary Fellowship as well as the Cure Cancer Australia Cancer Researcher of the year. Our Haematology / BMT clinical trials unit received a highly commended award at the 2017 Metro North Research excellence awards in the Research Support Awards category.

In 2017, the Cancer Care Clinical Research Unit continued to deliver a comprehensive research program for patients across Medical Oncology, Radiation Oncology and Haematology / Bone Marrow Transplantation. Thirty seven new research projects were opened to recruitment with over 500 patients enrolled into these research trials and projects. Approximately 1 in every 15 chemotherapy prescriptions in CCS are now research trial related.

2017 also saw ongoing successful engagement in our collaborations with other research partners, including QIMR Berghofer, University of Queensland, Herston Imaging Research Facility, Queensland University of Technology and Brisbane Diamantina Health Partners, as well as with other national and international research collaborators. These collaborations saw a record number of research related grants awarded to CCS staff during 2017. At a local level, CCS research achievements were highlighted at our annual research retreat, GP Education day and RBWH Research Symposium. Our successful partnership with the RBWH Foundation has guaranteed the One Day to Conquer Cancer as an annual event in our research calendar, helping to raise funds for local cancer-related research. The number and impact of peer reviewed publications and presentations from CCS staff across all disciplines continue to grow.

Overall 2017 was greatly successful for CCS research. As we look forward to 2018 we continue to strive to further expand and embed research within CCS across all patient and disease groups, across our district, incorporating new and novel approaches to care within clinical, translational and basic science research programmes and partnerships.



Prof Geoff Hill
Research Director
Cancer Care Services

Chimeric Antigen Receptor (CAR) T cells was the clear breakthrough in cancer treatment in 2017

Research in the Cancer Care Services continued to flourish in 2017. Stand out achievements were the Order of Australia award to Prof Liz Kenny in Radiation Oncology and the national CSL Centenary Fellowship award and Cure Cancer Australia, Cancer Researcher of the year to A/Prof Steven Lane in Haematology. A NHMRC Centre for Research Excellence in Blood Transplant and Cell Therapy based at RBWH and QIMR was successful in 2017 and will strive to integrate this increasingly important treatment across Australia and into the USA. In this vein, the use of Chimeric Antigen Receptor (CAR) T cells was the clear break-through in cancer treatment in 2017.

The division continues to publish widely in leading discipline specific specialist journals including Blood, the Journal of Clinical Oncology and high impact studies in the general scientific literature including Science Immunology, Science Translational Medicine and the Journal of Clinical Investigation. This represents a flourishing research environment spanning both scientific and clinical spheres and bodes well for the department moving forward as the Medical Research Future Fund starts to come on stream. The Cancer Theme of the Brisbane Diamantina Health Partners was also successful in bringing the north and south side partners together and the stream presentations drew large audiences from across Brisbane.

At a local level, the half-day RBWH CCS retreat was held at the Town Hall in November 2017 and showcased our broad research effort across multiple medical, nursing and allied health disciplines. Kate Markey was successful as the best oral presentation; outlining the development of her QLD Health Fellowship funded multiplex PCR based diagnostic for blood stream infections. We wish Kate well as she takes up a number of prestigious fellowships at the Memorial Sloan Kettering Cancer Center in New York to pursue her studies.

I am sure that 2018 will be another year of great success and promises to be a time of growth and ongoing renewal in Cancer Care.

HAEMATOLOGY, BONE MARROW TRANSPLANT AND HAEMOPHILIA

In 2017 the Haem/BMT clinical trials unit has –

- developed new collaborations and funding opportunities,
- established new clinical trials,
- improved recruitment processes,
- made important structural changes; and
- had a number of notable publications, presentations and awards.

New notable collaborations in 2017 include a number of trials established with the Herston Imaging Research Facility investigating novel PET tracers in the fields of staging multiple myeloma, diagnosing graft versus host disease, post allogeneic BMT and assessing neurocognitive effects of chemotherapy. Continued collaborations with QIMR Berghofer, UQCCR, Australia Leukaemia and Lymphoma Group, the Departments of Intensive Care and Dietetics have culminated in completion of recruitment of a number of important investigator initiated clinical trials including a randomised enteral versus parenteral feeding study for BMT recipients and a Phase 3 placebo controlled study of Tocilizumab in the prevention of GVHD post allogeneic BMT.

Major national and international research funding grants attained in 2017 include –

- CSL centenary fellowship 2017-2021 (\$1.25m),
- Cancer Australia Priority Driven Research Funding 2017-8 (\$200k),
- Myeloproliferative Neoplasm Foundation 2018-20 (\$600k),
- RBWH Foundation diamond care grant 2017-8 (\$40k);

Restructuring of the Haem/BMT clinical trials unit in 2017 led to the development of tumour stream clinical leads and moves toward specific tumour capture clinics in the fields of leukaemia, lymphoma, myeloma, BMT and non-malignant haematology (including haemophilia, thrombosis and haemostasis) to enhance trial selection/development and recruitment.

Notable publications from 2017 include –

- the importance of genetic subtyping in predicting the outcomes of patients with leukaemia (Straube et al. Blood 2017),
- a randomised comparison of olanzapine, palonosetron and ondansetron as treatment of chemotherapy induced nausea/vomiting (Nakagaki M et al Supp Care Cancer 2017);
- the outcome of HLA mismatched allogeneic BMT (Mediwake H et al Blood Can Journal 2017); and
- Other major papers in international high impact journals including: Blood (4 papers as senior author, 1 invited commentary), Science Immunology, Journal of Clinical Investigation, Science Translational Medicine, Haematologica, Leukemia and Featured oral presentations at American Society of Hematology meeting (x3), abstract achievement award.

The Haem/BMT clinical trials unit also received a highly commended award at the 2017 Metro North Research excellence awards.

SUPERVISED POST-GRADUATE RESEARCH STUDENTS

NAME (RBWH STAFF IN BOLD)	CURRENT STUDIES (E.G. PHD, MASTERS ETC.) UNIVERSITY (DURATION)	RESEARCH PROJECT TITLE	SUPERVISORS (RBWH STAFF IN BOLD)
Therese Vu	PhD	Targeted therapy in myeloid malignancies	A/Prof Steven Lane
Rebecca Austin	PhD	Immunotherapy in blood cancers	A/Prof Steven Lane
Victoria Ling	MD PHD	Chemoresistance in AML	A/Prof Steven Lane
Dr Andrea Henden	MD PHD (UQ 2014-2017)	Interferon in bone marrow transplantation	Prof Geoff Hill
Dr Ashleigh Scott	MPhil (UQ 2017-)	Targeting translocator protein (TSPO) to improve diagnostic accuracy in gastrointestinal graft versus host disease.	Glen Kennedy, Siok-Keen Tey.
Nienke Zomerdijk	PhD, UQ (2015-2018)	The psychosocial impact of donating haematopoietic stem cells on adult related donors	Prof Jane Turner, Prof Geoff Hill
Simone Minnie	PhD – University of Qld 2015-2018	Immunotherapy of myeloma	Prof Geoff Hill
Paulo Martins	PhD – University of Qld 2015-2017	The immunological mechanisms of CMV reactivation after BMT	Prof Geoff Hill
Andrew Wilkinson	PhD – University of Qld 2015-2018	Understanding IL-6 signalling in GVHD	Prof Geoff Hill
Kate Markey	MPH (Monash 2016 – 2018)	Clinical Research Methods	N/A

2017 RESEARCH POSITIONS: COORDINATORS, FELLOW, ADJUNCT AND HONORARY POSITIONS

NAME	TYPE OF FELLOWSHIP	RESEARCH PROJECT	UNIVERSITY (YEARS)
Steven Lane	NHMRC Career Development Fellow		QIMR Berghofer
Steven Lane	CSL Centenary Fellow	Blood Cancer lead	QIMR Berghofer
Prof Geoff Hill	Cancer coordinator	BDHP Cancer lead	QIMR Berghofer
Andrea Henden	Leukaemia Foundation of Australia Fellow	Pathophysiology of GVHD	QIMR Berghofer
Prof Geoff Hill	NHMRC Senior Principal Research Fellow	Improving BMT outcomes	QIMR Berghofer
Kate Markey	Junior Research Fellow	Post BMT microbiome and infectious diagnostics	Qld Health
Tzu-Yan Wang			
Ashleigh Scott			
Gregory Orchard			
Rebecca Cleary			
Marc Ellis			
Nicholas Weber			

2017 CURRENT RBWH RESEARCH GROUP / DEPARTMENT LED RESEARCH ACTIVITY

RBWH RESEARCH GROUP / DEPARTMENT LEAD RESEARCHERS	COLLABORATIVE RESEARCHERS	RESEARCH PROJECT TITLE
Simon Durrant	Haem Staff	Abbvie M14-031 BELLINI – Clinical trial of Bortezomib and Dexamethasone in Combination with Either Venetoclax or Placebo in Subjects with Relapsed or Refractory Multiple Myeloma
Simon Durrant	Haem Staff	Gilead SIMPLIFY – Clinical trial of Momelotinib vs Ruxolitinib in Subjects with Primary Myelofibrosis (PMF) or Post-Polycythemia Vera or Post-Essential Thrombocythemia Myelofibrosis (Post-PV/ET MF)
Simon Durrant	Haem Staff	Pfizer Ski Extension B1871040 – ICON – Bosutiib treatment extension study for patients with chronic myeloid leukemia
Simon Durrant	Haem Staff	Novartis Response – Clinical trial of JAK iNhibitor INC424 tablets verSus bEst available care in Polycythemia
Simon Durrant	Haem Staff	Novartis Response 2 – Clinical trial of ruxolitinib versus best available therapy in patients with polycythemia vera
Simon Durrant	Haem Staff	HELIOS CMV – Clinical trial of a Therapeutic Vaccine, ASP0113, in Cytomegalovirus (CMV)-Seropositive Recipients Undergoing Allogeneic, Hematopoietic Cell Transplant (HCT)
Simon Durrant	Haem Staff	Gilead NIAGRA 119 – Clinical trial of Idelalisib (GS-1101) in Combination with Ofatumumab for Previously Treated Chronic Lymphocytic Leukemia
Simon Durrant	Haem Staff	Comfort Rollover – Clinical trial of patients who have completed a prior global Novartis or Incyte sponsored ruxolitinib (INC424) study and are judged by the investigator to benefit from continued treatment
Simon Durrant	Haem Staff	ROBIN BDM3502 – Clinical trial of Bendamustine compared to physician’s choice in the treatment of NonHodgkin’s Lymphoma
Simon Durrant	Haem Staff	Amgen Blincyto 292 Verdi – Clinical trial comparing Blinatumomab to Standard of Care
Simon Durrant	Haem Staff	Novartis Harmony – Clinical trial of Ruxolitinib (INC424) and BKM120 in patients with Myelofibrosis
Jason Butler	Haem Staff	Acerta Ace-ly308 ECHO – Clinical trial of Bendamustine and Rituximab alone Versus in Combination with Acalabrutinib in Mantle Cell Lymphoma
Jason Butler	Haem Staff	ALLG ALL NHL 29 – Clinical trial of Ibrutinib, Rituximanb and mini-CHOP therapy in very elderly patients with newly diagnosed DLBCL
Jason Butler	Haem Staff	Amgen Candor 275 – Clinical trial of Carfilzomib, Dexamethasone, and Daratumumab to Carfilzomib and Dexamethasone for the Treatment of Patients With Relapsed or Refractory Multiple Myeloma
Jason Butler	Haem Staff	Novartis REACH 2 – Clinical trial of ruxolitinib vs. best available therapy in patients with corticosteroid-resistant acute graft vs. host disease after allogeneic stem cell transplantation
Glen Kennedy	Haem Staff	Janssen VCAT – Clinical trial of Bortezomib Consolidation (With Thalidomide and Prednisolone) Vs Thalidomide and Prednisolone Alone in Previously Untreated Subjects With Multiple Myeloma
Glen Kennedy	Haem Staff	ALLG AML M16 – Clinical trial of Sorafenib in Combination with Intensive Chemotherapy for Previously Untreated Adult FLT3-ITD Positive AML
Glen Kennedy	Haem Staff	ALLG AML NBCR M18 – National Blood Cancer Registry
Glen Kennedy	Haem Staff	Amgen Onyx Endeavor - Clinical trial of Carfilzomib Plus Dexamethasone vs Bortezomib Plus Dexamethasone in Patients with Relapsed Multiple Myeloma
Glen Kennedy	Haem Staff	Celgene IDHENTIFY – Clinical trial of Orally Administered AG-221 Versus Conventional Care Regimens in Subjects with Isocitrate Dehydrogenase 2 Mutation Positive Acute Myeloid Leukemia

RBWH RESEARCH GROUP / DEPARTMENT LEAD RESEARCHERS	COLLABORATIVE RESEARCHERS	RESEARCH PROJECT TITLE
Glen Kennedy	Haem Staff	Sabrina – Clinical trial of rituximab subcutaneous in combination with CHOP or CVP versus rituximab IV in combination with CHOP or CVP in follicular lymphoma
Geoff Hill	Haem Staff	PCYC 1140-IM ICON Integrate – Clinical trial of Ibrutinib in Combination With Corticosteroids versus Placebo in Combination With Corticosteroids in Subjects with New Onset Chronic Graft Versus Host Disease (cGVHD)
Geoff Hill	Haem Staff	IL-17 – Observational study of IL-17-related cytokines in stem cell transplantation
Geoff Hill	Haem Staff	TREG Apheresis - Developing a method to generate regulatory T cells from healthy donors
Geoff Hill	Haem Staff	IR Auto – Observational study of immune reconstitution in patients undergoing autologous stem cell transplantation
Geoff Hill	Haem Staff	IR Allo - Observational study of immune reconstitution following stem cell transplantation
Cameron Curley	Haem Staff	JNJ AML 2002 – Clinical trial of DACOGEN (Decitabine) Plus JNJ-56022473 (Anti CD123) Versus DACOGEN (Decitabine) Alone in Patients with AML
Cameron Curley	Haem Staff	Celgene MDS-006 FUSION – Clinical trial in CC-486 (Oral Azacitidine) Alone in Combination With Durvalumab (MEDI4736) in Subjects With Myelodysplastic Syndromes
Kirk Morris	Haem Staff	Pomalidomide - "Real world" review of efficacy and safety of pomalidomide in Australian patients with relapsed refractory myeloma
Nicholas Weber	Haem Staff	AMaRC Janssen – Clinical trial of bortezomib, cyclophosphamide and dexamethasone induction (VCD) compared with VCD and daratumumab induction followed by daratumumab maintenance (VCDD) for the initial treatment of transplant ineligible patients with multiple myeloma.
Nicholas Weber	Haem Staff	Pilot study of 68Ga-Pentixafor positron emission tomography (PET) imaging in multiple myeloma
Nicholas Weber	Haem Staff	Beta-lactam PK/PD in febrile neutropenia (Patient population: patients undergoing intensive chemotherapy with anticipated duration of neutropenia>7 days
Nicholas Weber	Haem Staff	Tolerability of early enteral feeding during allogeneic haematopoietic progenitor cell transplantation: a randomized comparison with 'standard' parenteral nutritional support.
Steven Lane	Haem Staff	APML5 – clinical trial of oral arsenic in AML
Steven Lane	Haem Staff	AML M21: sorafenib and azacitidine in AML
Steven Lane		AML genomic analysis
Steven Lane		Blood Cancer Lead, BDHP
Ashleigh Scott	Glen Kennedy, Siok Tey, Paul Thomas, David Pattison	"Pilot study of 18FGE-180-PET to assess acute gastrointestinal graft versus host disease."
Ashleigh Scott	Leo Francis	"Histological features and anti-TSPO immunohistochemistry (anti-TSPO IHC) in acute gastrointestinal graft versus host disease (GI-GVHD)."
Andrea Henden	Geoff Hill, Glen Kennedy, Simon Durrant, Jason Butler, Ashish Misra, Siok Tey, Elango Subramonia-Pillai, Cameron Curley	A phase I / II study of pegylated-Interferon-2alpha for relapsed haematological malignancy after allogeneic haematopoietic progenitor cell transplantation (HPCT)
Kate Markey	Geoff Hill, Glen Kennedy, BMT physicians	Rapid diagnostic test for identification of blood stream infection in febrile haematology patients: pilot sample collection for test optimisation and validation

2017 RESEARCH AWARDS AND ACHIEVEMENTS

RECIPIENT	AWARD	EVENT
Steven Lane	Cancer Researcher of the Year	Cure Cancer Australia
Steven Lane	Centenary Fellow	CSL Centenary Fellowship
Haem / BMT Clinical Trial Team	Highly Commended: Haem/BMT Clinical Trials Unit	2017 Metro North Research Excellence Awards
Kate Markey	Abstract Achievement Award	ASH Annual meeting
Kate Markey	Best Abstract Presentation	Cancer Care Research Retreat 2017, Cancer Care Services, RBWH

2017 RESEARCH GRANTS - AWARDED

INVESTIGATORS (RBWH STAFF IN BOLD)	RBWH RESEARCH GROUPS / DEPARTMENTS	PROJECT TITLE	GRANTING BODY	AMOUNT IN 2017	TOTAL AMOUNT (YEARS)
Steven Lane	Clinical Haematologist, RBWH	Genetic modelling of MPN progression	Cancer Australia	\$100k	\$200k over 2 years
Steven Lane	Clinical Haematologist, RBWH	Understanding Chemoresistance in AML	CSL Centenary Fellowship	\$250k	\$1.25m over 5 years
Steven Lane	Clinical Haematologist, RBWH	Targeting Leukaemia Stem cells through inhibition of telomerase	NHMRC Project Grant	\$219,000	\$657,000 (2016-2018)
Steven Lane	Clinical Haematologist, RBWH	The evolution of acute myeloid leukaemia through the in situ transformation of haematopoietic stem cells	NHMRC Project Grant	\$215,667	\$647,000 (2016-2018)
Steven Lane	Clinical Haematologist, RBWH	Deciphering the overlapping roles of SSB1 and SSB2 in the regulation of haematopoiesis and intestinal homeostasis	NHMRC Project Grant	\$239,750	\$959,000 (2015-2018)
Ashleigh Scott	Cancer Care	"Pilot study of 18FGE-180-PET to assess acute gastrointestinal graft versus host disease."	RBWH Foundation Diamond Care Grants	\$40,000	\$40,000 (2017-18)
Ashleigh Scott	Cancer Care	"Histological features and anti-TSPO immunohistochemistry (anti-TSPO IHC) in acute gastrointestinal graft versus host disease (GI-GVHD)."	Pathology Queensland Study Education and Research Committee (SERC)	\$2978.16	\$2956 (2017-18)

INVESTIGATORS (RBWH STAFF IN BOLD)	RBWH RESEARCH GROUPS / DEPARTMENTS	PROJECT TITLE	GRANTING BODY	AMOUNT IN 2017	TOTAL AMOUNT (YEARS)
Nienke Zomerdijk	Cancer Care	The psychosocial impact of donating haematopoietic stem cells on adult related donors	Australian Postgraduate Award	\$26,000	\$78,000 (2015-2018)
Nienke Zomerdijk	Cancer Care	The psychosocial impact of donating haematopoietic stem cells on adult related donors	RBWH Foundation Diamond Cancer Care Grant	\$5,000	\$5,000 (2017-2018)
Nienke Zomerdijk	Cancer Care	The psychosocial impact of donating haematopoietic stem cells on adult related donors	RBWH Foundation Top Up Scholarship	\$8,000	\$16,000 (2017-2018)
Siok Tey	Bone Marrow Transplant/ Haematology	The interplay between IL-6 and GVHD on anti-viral and anti-leukemic immunity	NHMRC Project Grant	\$163,125	\$489,376
Prof Geoff Hill	Director of Research – CCS RBWH	Immunological therapies for cancer, chronic infection and autoimmunity.	NH&MRC Program grant: APP1071822	\$396,000	\$11,797,530 (2015-2019)
Prof Geoff Hill	Director of Research – CCS RBWH	RORgt inhibition as a novel therapeutic for the prevention of GVHD after allogeneic BMT.	Cancer Council Qld	\$100,000	\$200,000 (2016-2017)
Prof Geoff Hill	Director of Research – CCS RBWH		NHMRC senior Principal research Fellowship	\$187,600	\$938,900; (2016-2020)
Prof Geoff Hill	Director of Research – CCS RBWH		NHMRC Centre of Research Excellence	\$500,000	\$2,500,000 (2017-2022)
Prof Geoff Hill	Director of Research – CCS RBWH		Australian Cancer Research Foundation	\$875,000	\$1,750,000 (2017-2018)
Prof Geoff Hill	Director of Research – CCS RBWH		NHMRC Project Grant	\$364,000	\$1,459,151 (2018-2021)
Kate Markey	Clinical Haematology Registrar		QLD Health Junior Research Fellowship	\$250,000	\$500,000 (2016-2018)
Steven Lane	Clinical Haematologist, RBWH		NHMRC Project Grant	\$219,000	\$657,000 (2016-2018)
Steven Lane	Clinical Haematologist, RBWH		NHMRC Project Grant	\$215,667	\$647,000 (2016-2018)
Steven Lane	Clinical Haematologist, RBWH		NHMRC Project Grant	\$239,750	\$959,000 (2015-2018)

2017 RESEARCH PUBLICATIONS

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal Article	Shi W*, Vu T*, Boucher D, Biernacka A, Nde J, Pandita RK, Straube J, Boyle GM, Al-Ejeh F, Nag P, Jeffrey J, Harris JL, Bain AL, Grzelak M, Skrzypczak M, Mitra A, Dojer N, Crosetto N, Cloonan N, Becherel OJ, Finnie J, Skaar JR, Walkley CR, Pandita TK, Rowicka M, Ginalski K, Lane SW# , Khanna KK#. Ssb1 and Ssb2 cooperate to regulate mouse hematopoietic stem and progenitor cells by resolving replicative stress. <i>Blood</i> 2017, 129(18): 2479-92 *Co-first author, #Co-corresponding author.
Journal Article	Prestipino A, Emhardt AJ, Aumann K, O'Sullivan D, Gorantla SP, Duquesne S, Melchinger W, Braun L, Vuckovic S, Boerries M, Busch H, Halbach S, Pennisi S, Poggio T, Apostolova P, Veratti P, Hettich M, Niedermann G, Bartholoma M, Shoumariyeh K, Jutzi J, Wehrle J, Dierks C, Becker H, Schmitt-Graeff A, Follo M, Pfeifer D, Rohr J, Fuchs S, Ehl S, Hartl F, Minguet S, Miething C, Heidel F, Kroger N, Trivai I, Brummer T, Finke J, Illert L, Duyster J, Pahl HL, Lane SW, Hill GR , Blazar BR, von Bubnoff N, Pearce EL, Zeiser R. Oncogenic JAK2 activation causes PD-L1 expression via STAT3/STAT5-phosphorylation mediating immune-escape in myeloproliferative neoplasms. <i>Science Translational Medicine</i> 2017, In Press
Journal Article	Porter AH, Leveque-El Mouttie L, Vu T, Bruedigam C, Sutton J, Jacquelin S, Hill GR, MacDonald KPA, Lane SW . Acute myeloid leukemia stem cell function is preserved in the absence of autophagy. <i>Haematologica</i> 2017, In Press
Journal Article	Chong C, Venugopal P, Stokes P, Lee Y, Brautigan P, Yeung D, Babic M, Engler G, Lane SW , Klingler-Hoffmann M, Matthews J, D'Andrea R, Brown A, Hahn C, Scott H. Differential effects on gene transcription and hematopoietic differentiation correlate with GATA2 mutant disease phenotypes. <i>Leukemia</i> 2017. In Press
Journal Article	Tate C , Tang F, Lane SW, Seymour L . Clinical and molecular categorization of progressive, adult-onset cutaneous mastocytosis. <i>Journal of American Academy of Dermatology</i> 2017. DOI 10.1016/j.jidcr.2017.09.038
Journal Article	Lane SW , Heidel FH. Hacking the stem cell niche, <i>Blood</i> 2017. In Press
Journal Article	Casolari DA, Nguyen T, Butcher CM, Iarossi DG, Hahn CN, Bray SC, Neufing P, Parker WT, Feng J, Maung KZY, Wee A, Vidovic L, Kok CH, Bardy PG, Branford S, Lewis ID, Lane SW , Scott HS, Ross DM, D'Andrea RJ. A novel, somatic, transforming mutation in the extracellular domain of Epidermal Growth Factor Receptor identified in myeloproliferative neoplasm. <i>Sci Rep.</i> 2017 May 26;7(1):2467. doi: 10.1038/s41598-017-02655-7.
Journal Article	Vuckovic S, Kate Vandyke K, Rickards DA, McCauley-Winter P, Brown SHJ, Mitchell TW, Liu J, Lu J, Askenase PW, Yuriev E, Capuanoo B, Ramsland PA, Hill GR , Zannettino ACW and Hutchinson AT. The cationic small molecule GW4869 is cytotoxic to high phosphatidylserine-expressing myeloma cells. <i>Br. J. Haematol.</i> 2017, 177(3):423-440.
Journal Article	Bunting MD, Varelias A, Souza-Fonseca-Guimaraes F, Schuster IS, Lineburg KE, Kuns RD, Fleming PR, Locke KR, Huntington ND, Blazar BR, Lane SW, Tey SK , MacDonald KPA, Smyth MJ, Degli-Esposti MA and Hill GR . GVHD prevents NK-cell-dependent leukemia and virus-specific innate immunity. <i>Blood</i> 2017, 129:630-642
Journal Article	Gartlan KH, Varelias A, Koyama M, Robb RJ, Markey KA , Chang K, Wilkinson AN, Smith D, Ullah A, Kuns RD, Raffelt NC, Olver SD, Lineburg KE, Teal BE, Cheong M, Teng MW, Smyth MJ, Tey SK , MacDonald KP and Hill GR. Th17 plasticity and transition towards a pathogenic cytokine signature is regulated by cyclosporine after allogeneic-SCT. <i>Blood Advances</i> 2017, 1 (6), 341-351
Journal Article	Varelias A, Ormerod KL, Bunting MD, Koyama K, Gartlan KH, Kuns RD, Lachner N, Locke KR, Lim CY, Henden AS, Zhang P, Clouston AD, Hasnain SZ, McGuckin MA, Blazar BR, MacDonald KPA, Hugenholtz P and Hill GR . Acute graft-versus-host disease is regulated by an IL-17-sensitive microbiome. <i>Blood</i> 2017, 129(15):2172-2185
Journal Article	Zhang P, Lee JS, Gartlan KH, Schuster I, Comerford I, Varelias V, Ullah A, Vuckovic S, Koyama M, Kuns RD, Locke KR, Beckett KJ, Olver SD, Samson LD, Montes de Oca M, de Labastida Rivera F, Clouston AD, Belz GT, Blazar BR, MacDonald KP, McColl SR, Thomas RT, Engwerda CR, Degli-Esposti MA, Kallies A, Tey SK , and Hill GR . Eomesodermin promotes the development of type-1 regulatory T cells. <i>Science Immunology</i> 2017, 2, eaah7152.

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal Article	Du J, Flynn R, Paz K, Vulic A, Robinson TM, Lineburg KE, Meng J, Roy S, Panoskaltis-Mortari A, Hill GR , Serody JS, Maillard I, Miklos DB, Koreth J, Cutler CS, Anti JH, Ritz J, MacDonald KPA, Schacker TW, Luznik L, and Blazar BR. Pirfenidone Ameliorates Murine Chronic Graft-Versus-Host Disease Through Inhibition of Macrophage Infiltration and TGF- β Production. <i>Blood</i> 2017, 129(18):2570-2580.
Journal Article	AL-Kouba J, Wilkinson A, Starkey MR, Rudraraju R, Werder R, Liu X, Law S, Horvat JC, Brooks JF, Hill GR , Davies JM, Phipps S, Hansbro PM, Steptoe RJ. Allergen-encoding bone-marrow transfer inactivates allergic T-cell responses, alleviating airways inflammation. <i>JCI Insight</i> . 2017, Jun 2;2(11). pii: 85742
Journal Article	Forcade E, Paz K, Flynn R, Griesenauer B, Amet T, Li W, Liu L, Jiang D, Chu HW, Lobera M, Yang J, Wilkes DS, Du J, Gartlan K, Hill GR , MacDonald KPA, Espada EL, Blanco P, Cutler CS, Antin JH, Soiffer RJ, Ritz J, Paczesny S and Blazar BR. An Activated Th17-Prone T-cell subset involved in Chronic Graft-versus-Host Disease Sensitive to Pharmacological Inhibition. <i>JCI Insight</i> . 2017, Jun 15;2(12). pii: 92111.
Journal Article	Sebina I, Fogg LC, James KR, Soon MSF, Akter J, Thomas BS, Hill GR , Engwerda, CR, Haque A. IL-6 promotes CD4 T cell and B cell activation during plasmodium infection. <i>Parasite Immunol</i> . 2017, Oct;39(10). doi: 10.1111/pim.12455.
Journal Article	Gartlan KH,* Bommiasamy B,* Paz P, Wilkinson AN, Owen M, Reichenbach DK, Banovic T, Wehner K, Buchanan F, Varelias A, Kuns RD, Chang K, Fedoriw Y, Shea T, Coghil J, Zaiken M, Plank MW, Foster PS, Clouston AD, Blazar BR,* Serody JS* and Hill GR* . A Critical Role for Donor-Derived IL-22 in Cutaneous Chronic GVHD. <i>Am J Transplant</i> . 2017, Sep 23. doi: 10.1111/ajt.14513
Journal Article	Mittal D, Vijayan D, Putz EM, Aguilera AR, Markey KA , Straube J, Kazakoff S, Nutt SL, Takeda K, Hill GR , Waddell N, Smyth MJ. IL-12 from Cd103+ Batf3-dependent dendritic cells is required for NK-cell suppression of metastasis. <i>Cancer Immunol Res</i> . 2017, Oct 25. pii: canimm.0341.2017. doi: 10.1158/2326-6066.CIR-17-0341.
Journal Article	Straube J, Ling YV, Hill GR , Lane SW . The impact of age, NPM1mut and FLT3ITD allelic ratio in patients with acute myeloid leukemia. <i>Blood</i> 2017. Nov 28. pii: blood-2017-09-807438. doi: 10.1182/blood-2017-09-807438.
Journal Article	Lynch J, Werder R, Loh Z, Sikder AA, Curren B, Zhang V, Rogers M, Lane K, Simpson J, Mazzone S, Spann K, Hayball J, Diener K, Everard ML, Blyth CC, Forstner C, Dennis P, Murtaza N, Morrison M, O' Cuiv P, Zhang P, Hill GR , Sly P, Haque A, Upham J, and Phipps S. Plasmacytoid DCs protect from viral bronchiolitis and asthma through semaphorin 4a-mediated Treg expansion. <i>J. Exp. Med</i> . 2017, In Press
Journal Article	Markey K , Kuns RD, Browne DJ, Gartlan KH, Robb RJ, JP Martins, Henden AS, Minnie SA, Cheong M, Koyama M, Smyth MJ, Steptoe RJ, Belz G, Brocker T, Degli-Esposti MA, Lane SW , and Hill GR . Flt-3L expansion of recipient CD8 α + dendritic cells deletes alloreactive donor T cells and represents an alternative to post-transplant cyclophosphamide for the prevention of GVHD. <i>Clin. Can. Res</i> . 2017, In Press
Journal Article	MacDonald KP, Hill GR* , Blazar BR*. Chronic graft-versus-host disease: biological insights from preclinical and clinical studies. <i>Blood</i> 2017, Jan 5;129(1):13-21.
Journal Article	MacDonald KP, Blazar BR*, Hill GR* . Cytokine mediators of chronic graft-versus-host disease. <i>J. Clin. Invest</i> . 2017, 127(7):2452-2463.
Journal Article	Blazar BR, MacDonald KP, Hill GR . Immune regulatory infusion for GVHD prevention and therapy. <i>Blood</i> , 2017, In Press
Journal Article	Markey KA , Hill GR . Cytokines in Hematopoietic Stem Cell Transplantation. In <i>Cytokine Effector Function in Tissues</i> . 2017 Editors: Foti, M and Locati, M. Elsevier, Academic Press, 2017. In Press
Journal Article	Hill GR . Bone marrow transplantation under regulatory T cell cover to induce donor-specific tolerance. <i>Transplantation</i> 2017, 101(2):232-233.
Journal Article	Snowden JA, Hill GR . Conditioning regimens for autologous haematopoietic stem cell transplantation – can NK cell therapy help? <i>Br. J. Haematol</i> . 2017, 177(3):341-342

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal Article	Scott A ^{1,2,3} , Weber N ³ , Tiley C ⁴ , Taylor K ⁵ , Taper J ⁶ , Harrison S ⁷ , Chan KL ⁷ , Stark R ⁸ , Lee C ⁹ , Morris K ³ , Ho PJ ¹⁰ , Dodds A ¹¹ , Ramanathan S ¹² , Ramakrishna R ¹³ , Watson AM ¹⁴ , Auguston B ¹⁵ , Kwok F ¹⁶ , Quach H ¹⁷ , Warburton P ¹⁸ , Rowlings P ¹⁹ , Mollee P ^{1,2} . 'Real-world' Australian experience of pomalidomide for relapsed and refractory myeloma. <i>Leuk Lymphoma</i> . 2017 Oct 12:1-3. doi: 10.1080/10428194.2017.1387911
Journal Article	Lim AB, Curley C , Fong CY, Bilmon I, Beligaswatte A, Purtill D, Getta B, Johnston AM, Armytage T, Collins M, Mason K, Fielding K, Greenwood M, Gibson J, Hertzberg M, Wright M, Lewis I, Moore J, Curtis D, Szer J, Kennedy G , Ritchie D. Acute Myeloid Leukaemia relapsing after allogeneic haematopoietic stem cell transplantation: prognostic factors and impact of initial therapy of relapse. <i>Intern Med J</i> 2017 Jun 19. Doi:10.1111/imj.135222 (epub).
Journal Article	Yue MC, Collins JT, Subramoniapillai E & Kennedy GA The successful use of oseltamivir prophylaxis in managing a nosocomial outbreak of Influenza A in a hematology and allogeneic stem cell transplant unit. <i>Asia Pacific Journal of clinical Oncology</i> . 2017; 13 (1): 37-43.
Journal Article	Mediwake H, Morris K, Curley C, Butler J, Kennedy G . Use of Brentuximab vedotin as salvage therapy pre-allogeneic stem cell transplantation in relapsed / refractory CD30 positive lymphoproliferative disorders: a single centre experience. <i>Intern Med J</i> . 2017 Mar 1. doi: 10.1111/imj.13415.
Journal Article	Nakagaki M, Barras M, Curley C, Butler JP & Kennedy GA . A randomized trial of olanzapine versus palonosetron versus infused ondansetron for the treatment of breakthrough chemotherapy induced nausea and vomiting in patients undergoing hematopoietic stem cell transplantation Supportive Care in Cancer. 2017; 25 (2): 607-613.
Journal Article	Swords RT, Greenberg PL, Wei AH, Durrant S , Advani AS, Hertzberg MS, Lewis ID, Rivera G, Gratzinger D, Fan AC, Felsher DW, Cortes JE, Watts JM, Yarranton GT, Walling JM, Lancet JE. Corrigendum to "KB004, a first in class monoclonal antibody targeting the receptor tyrosine kinase EphA3, in patients with advanced hematologic malignancies: Results from a phase 1 study" [<i>Leuk. Res.</i> 50 (Nov) (2016) 123-131. PubMed PMID: 27736729]. <i>Leuk Res</i> . 2017 Aug;59:65. doi: 10.1016/j.leukres.2017.02.007.
Journal Article	Ong SY, Gurrin LC, Dolling L, Dixon J, Nicoll AJ, Wolthuizen M, Wood EM, Anderson GJ, Ramm GA, Allen KJ, Olynyk JK, Crawford D, Ramm LE, Gow P, Durrant S , Powell LW, Delatycki MB. Reduction of body iron in HFE-related haemochromatosis and moderate iron overload (Mi-Iron): a multicentre, participant-blinded, randomised controlled trial. <i>Lancet Haematol</i> . 2017 Dec;4(12):e607-e614. doi: 10.1016/S2352-3026(17)30214-4.
Journal Article	Hochhaus A, Larson RA, Guilhot F, Radich JP, Branford S, Hughes TP, Baccarani M, Deininger MW, Cervantes F, Fujihara S, Ortmann CE, Menssen HD, Kantarjian H, O'Brien SG, Druker BJ; IRIS Investigators . Long-Term Outcomes of Imatinib Treatment for Chronic Myeloid Leukemia. <i>N Engl J Med</i> . 2017 Mar 9;376(10):917-927. doi: 10.1056/NEJMoa1609324.
Journal Article	Mediwake H, Curley C, Butler J, Mclean A, Tey S, Hill GR, Morton A, Misra A, Subramoniapillai E, Durrant S, Kennedy GA . Mismatched unrelated donor allogeneic stem cell transplant for high risk haematological malignancy: A single centre experience. <i>Blood Cancer J</i> . 2017 Dec 15;7(12):655. doi: 10.1038/s41408-017-0012-0.
Journal Article	Button E, Chan R, Chambers S, Butler J , Yates P. Lack of Palliative Mortality Prediction Tools for People with a Hematological Malignancy: Call for Action. <i>J Palliat Med</i> . 2017 Aug;20(8):802-803. doi: 10.1089/jpm.2017.0024. Epub 2017 Jun 8.
Journal Article	Button E, Chan RJ, Chambers S, Butler J , Yates P. A systematic review of prognostic factors at the end of life for people with a hematological malignancy. <i>BMC Cancer</i> . 2017 Mar 23;17(1):213. doi: 10.1186/s12885-017-3207-7.

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal Article	Partial response after induction chemotherapy has clinical relevance in acute myeloid leukaemia Fleming S, Ong DM, Jackson K, Avery S, Mollee P, Marlton P, Kennedy G & Wei AH. British Journal of Haematology, 2017; 177 (2): 328-330.

2017 CONFERENCE PRESENTATIONS – INVITED SPEAKER, ORAL AND POSTER:

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
Oral	Bruedigam C, ... Lane SW. Replicative stress as a sensitizer of telomerase response in AML. American Society of Hematology, Atlanta GA. Oral Session
Invited	Lane SW. Dnmt3a in advanced myeloproliferative neoplasm. Normal and Malignant Stem Cells Symposium, DKFZ (German Cancer Centre), Heidelberg, Germany.
Invited	Lane SW. Brisbane Cancer Conference, Brisbane wide haematology clinical trials network. Brisbane Nov 2017, Invited speaker
Invited	Lane SW. RBWH Cancer Care Annual Retreat, The interaction of genomics and clinical factors in predicting the prognosis of patients with AML. Brisbane, Nov 2017. Selected abstract
Invited	Lane SW. QIMR Berghofer Proteomics Symposium, Does the immune system control leukaemia growth? October 2017. Invited plenary speaker.
Invited	Lane SW. CSL Centenary Fellow Symposium, Invited Speaker. Parkville, Vic. October 2017
Invited	Lane SW. Career Development Panel – Kids Cancer Alliance, Sydney Nov 2017. Invited Speaker
Invited	Lane SW. Getting into research, Australia and New Zealand Head and Neck Cancer Society, Brisbane October 2017. Invited Plenary Speaker
Invited	Lane SW. The preclinical efficacy of targeting telomerase in AML. Australian Human Genomics Association, Brisbane August 2017. Invited plenary speaker
Invited	Lane SW. Translating new targets for AML into clinical practice, Australian Cell Cycle Meeting, Sydney 2017. Invited speaker
Invited	Lane SW. New drugs for AML evolving from MPN. MPN Advocacy and Education Program. April 2017, Melbourne. Invited plenary speaker
Invited	Lane SW. The role of big data to predict clinically relevant outcomes in AML. RBWH Symposium, Invited Speaker. Brisbane, Sept 2017
Oral	Scott, A, Tey SK, Butler JP, Kennedy GA. “Diagnostic utility of endoscopy and biopsy in suspected acute gastrointestinal graft versus host disease (GI-GVHD).” HAA Annual Scientific Meeting, Sydney 2017.
Poster	Acute myeloid leukaemia in the elderly - retrospective audit of current local practice and outcomes Cleary R, Weber N, Butler J & Kennedy G Haematology Society of Australia and New Zealand, 2017 Congress, Sydney
Poster	Comparison of Dinakara and Cotes method on correction of diffusion limit of carbon monoxide and the impact on Hematopoietic Cell Transplantation-Specific Comorbidity Index (HCT-CI) Wang T, Kennedy G, Curley C & Butler J Haematology Society of Australia and New Zealand, 2017 Congress, Sydney
Poster	Catheter-associated bloodstream infections (CA-BSI) in adults with cancer: a prospective randomized controlled trial Mollee P, Okano S, Looke D, Kennedy G, Harper J, Clouston J, Kuilenburg RV, Geary A, Joubert W, Eastgate M & Jones M American Society of Hematology 59th Annual Meeting, Atlanta, USA

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
Oral	Zomerdijk, N. A Multi-Center, Prospective, Exploratory Study of the Psychosocial Impact of Donating Haematopoietic Stem Cells on Adult Sibling Donors; Preliminary Findings. The Australasian Society for Behavioural Health and Medicine and Australian Psychological Society Conference, 2017
Poster	Zomerdijk, N. Information and Psychosocial Support Care Needs Amongst Adults Donating Haematopoietic Stem Cells to a Relative – a Prospective Study. The 26th Annual RBWH Healthcare Symposium, 2017.
Poster	Zomerdijk, N. Information and Psychosocial Support Care Needs Amongst Adults Donating Haematopoietic Stem Cells to a Relative – Preliminary Results. The RBWH Cancer Care Services Research Retreat, 2017.
Poster	Andrea Henden, Glen Kennedy, Simon Durrant, Jason Butler, Ashish Misra, Siok Tey, Elango Subramonia-Pillai, Cameron Curley, Geoff Hill. A phase I / II study of pegylated-Interferon-2alpha for relapsed haematological malignancy after allogeneic haematopoietic progenitor cell transplantation (HPCT) Brisbane Immunology Group, August 2017
Poster	Markey KA, ... Hill GR. In vivo expansion of recipient DC leads to deletion of donor alloreactive CD8+ T cells and is an alternative to post-transplant cyclophosphamide for the prevention of GVHD after BMT. ASH Annual meeting, Atlanta, USA, December 2017.
Poster	Catchpoole EM, Hill GR, Markey KA. Blood stream infections following allogeneic BMT: A single centre experience. The Haematology Association of Australia (HAA) Annual meeting, Sydney, 2017.
Oral	Gray M, ... Markey KA. Towards a rapid molecular test for diagnosis and prediction of blood stream infection. Lorne Infection and Immunity, February 2017.
Invited	Hill GR. Distinguished Lecture, Fred Hutchinson Cancer Centre. New advances in GVHD.
Invited	Hill GR. Invited lecture, University of Miami, Miami, USA. New concepts in graft-versus host disease.
Oral	Hill GR. International workshop in GVHD, Regensburg, Germany, Plenary lecture. The role of APCs in acute and chronic GVHD.

CANCER CARE NURSING PROFESSORIAL PRECINCT

Aims of research group

The Cancer Nursing Professorial Precinct is a strategic collaboration between nurses in Cancer Care Services, Royal Brisbane and Women's Hospital (RBWH) and academics in the School of Nursing, Queensland University of Technology (QUT). The Precinct is led by Professor Patsy Yates. The aim of the Precinct is to build capacity for embedding research and innovation into day-to-day clinical practice, and develop a world-class academic comprehensive cancer centre that improves patient outcomes. The Precinct is creating a thriving culture of research that delivers continuous service improvement and evidence-based care.

Clinical benefits of research

Key areas of the Precinct's research programme include service delivery improvement, vascular access device management, prevention of blood stream infections, managing treatment toxicities, survivorship care, and palliative care. In 2017, the Precinct conducted research or quality improvement projects that were driven by the needs of the service line including developing a registry to track complications of central venous access devices, and providing pro-active palliative care for people at risk of dying. A strength of the Precinct lies in the number of high-quality trials conducted investigating best practice management of vascular access devices. All research conducted in the Precinct is patient-centred and seeks to improve the care of patients in clinical practice. The broad body of work conducted will lead to improved outcomes for people living with and beyond treatment for cancer through personalised healthcare interventions and health service innovation at a local and international level. Locally, the Evidence-Based Practice program enables excellence in delivery of nursing care in the clinical areas. The international impact of the work conducted in the Precinct is demonstrated by the number of publications and presentations.

Grants / awards received in 2017

In 2017, the Precinct's research activities were funded by a wide range of sources including the National Health and Medical Research Council, the RBWH Foundation, professional bodies (such as the Cancer Nursing Society of Australia), academic institutions, and industry partners. Cancer Care Services has a strong culture of nurses pursuing post-graduate study and research higher degrees. In 2017, several nurses continued such studies and were awarded competitive scholarships. Two nurses completed higher degree research qualifications. Other highlights include members of the precinct receiving a total of eight awards.

Research collaborations

A key strength of the Cancer Nursing Professorial Precinct lies in the team's ability to collaborate widely. In 2017, RBWH cancer nurses worked with academic institutions including QUT, Griffith University, University of Southern Queensland, University of Queensland, and Bond University. Collaborations also occurred with the Princess Alexandra Hospital, and Gold Coast University Hospital. These collaborations continue to enhance the quality and impact of the research conducted in Cancer Care Services at the RBWH.

Please note: Professor Yates is jointly appointed as Director of the Cancer Care Nursing Professorial Precinct and Director of the Centre for Palliative Care Research and Education – refer to the Centre for Palliative Care Research and Education Report for full details of her research reporting.

SUPERVISED POST-GRADUATE RESEARCH STUDENTS

NAME (RBWH STAFF IN BOLD)	CURRENT STUDIES (E.G. PHD, MASTERS ETC.) UNIVERSITY (DURATION)	RESEARCH PROJECT TITLE	SUPERVISORS (RBWH STAFF IN BOLD)
Nicole Gavin	PhD, Griffith University (2012-2018)	The saFety of pArenteral nutrition regarding miCrobial growth and vascular catheTer-related infection (The FACT Study)	Claire Rickard , David MacMillan, Samantha Keogh
Julie Flynn	PhD, Griffith University (2015-2018)	Decontamination of central venous catheter needleless connectors.	Claire Rickard , Samantha Keogh , Li Zhang
Elise Button	PhD, QUT (2014-2017)	Identifying clinical indicators that signal a person with a haematological malignancy is at risk of deteriorating and dying	Patsy Yates , Raymond Chan , Shirley Chambers, Jason Butler
Sarah Northfield	Master of Applied Science (Research), QUT (2014-2017)	Identifying factors that influence specialist palliative care referrals for hospitalised patients with advanced cancer	Patsy Yates , Raymond Chan , John Rosenberg
Rae Blades	Master of Applied Science (Research), QUT (2016-2019)	A cost-effectiveness analysis of a silicone gel (StrataXRT®) for prophylaxis and management of Radiation Induced Skin Injury in head and neck cancer patients.	Patsy Yates , Raymond Chan , Steven McPhail
Therese Hayes	Master of Applied Science (Research), QUT (2016-2019)	Unmet care needs in elderly patients with a haematological malignancy	Raymond Chan , Patsy Yates
Robyn Matthews	Master of Applied Science (Research) QUT (2016-2019)	End-of-life care education and training essentials of health professionals in the acute care setting	Raymond Chan , Patsy Yates
Justine Leach	Master of Applied Science (Research), QUT (2016-2019)	Nurse-led Clinics in Cancer Care Services	Raymond Chan , Patsy Yates
Natasha Roberts	PhD, QUT (2016-2019)	Patient Reported Outcomes in the Medical Oncology Setting (iPROMOs)	Monika Janda, Kimberly Alexander, David Wyld
Mary-Ellen Yarker	MPhil, QUT (2017-2019)	The patients' perception of shared decision making when receiving chemotherapy and radiation treatment	Carol Windsor, Jenny Fox

2017 RESEARCH POSITIONS: COORDINATORS, FELLOW, ADJUNCT AND HONORARY POSITIONS

NAME	TYPE OF FELLOWSHIP	RESEARCH PROJECT	UNIVERSITY (YEARS)
Nicole Gavin	Co-joint nurse researcher, QUT and RBWH Cancer Care Services	School of Nursing	Queensland University of Technology (2017 - current)
Elise Button	Co-joint nurse researcher, QUT and RBWH Cancer Care Services	School of Nursing	Queensland University of Technology (2017 - current)
Raymond Chan	Professor of Nursing QUT and MNHHS, Professorial Precinct Lead	School of Nursing	Queensland University of Technology
Patsy Yates	Head, School of Nursing, QUT, Professorial Precinct Lead	School of Nursing	Queensland University of Technology (ongoing)

2017 CURRENT RBWH RESEARCH GROUP / DEPARTMENT LED RESEARCH ACTIVITY

RBWH RESEARCH GROUP / DEPARTMENT LEAD RESEARCHERS	COLLABORATIVE RESEARCHERS	RESEARCH PROJECT TITLE
Nicole Gavin	Nicole Gavin, Gillian Nasato, Nicole Marsh, Emily Larsen, Sarah Northfield, Glen Kennedy, David Wyld, Michael Smith, Krispin Hajkowicz (ID), Trent Atkinson (DMI), Barbara Hewer (VASE), Fiona Coyer (QUT), Alison Alexander, Patsy Yates, Peter Mollee (PAH).	Central Venous Access Device Registry
Nicole Gavin	Nicole Gavin, Gillian Nasato, Sarah Northfield, Shelley Kulperger (MN Consumer Engagement), Mirko Guaralda (QUT), Glen Kennedy, David Wyld, Elise Button, Michael Smith, Krispin Hajkowicz (ID), Graham Steel (EDMS), Trish Hurst (IC), Janelle Zillmann (IC), Bridget Heinemann (Comms), Alison Alexander, Jared Donovan (QUT), Glenda Caldwell (QUT), Markus Rittenbruch (QUT), Cynthia Cliff (QUT), Kaye Petherick (QUT).	Collaborative Engagement Strategy Study: Hand Hygiene
Nicole Gavin	Nicole Gavin, Amanda Ullman (GU), Tricia Kleidon (LCCH), Nicole March (CCN), Emily Larsen, Jill Campbell (Skin Integrity), Claire Rickard (GU).	Estimating the prevalence of impaired skin surrounding devices: The EPISODE Study
Nicole Gavin	Nicole Gavin, Amanda Ullman (GU), Tricia Kleidon (LCCH), Claire Rickard (GU), Li Zhang (GU), Emily Larsen	Peripherally Inserted Central Catheter OutcoMes Polyurethane veRsus Endexo: the PICCOMPARE Trial.
Nicole Gavin	Claire Rickard, Nicole Gavin, David MacMillan, Samantha Keogh, Gillian Ray-Barruel	The saFety of pArenteral nutrition regarding miCrobial growth and vascular catheTer-related infection (The FACT Study)
Emily Larsen	Emily Larsen, Nicole Marsh, Nicole Gavin, Julie Flynn, Joan Webster	CANcer caRE: The risk factors of vEnous access failuRe (CARETaKER Study)
Julie Flynn	Claire Rickard, Samantha Keogh, Li Zhang	Decontamination of central venous catheter needleless connectors.
Sarah Northfield	Patsy Yates, Raymond Chan, John Rosenberg	Identifying factors that influence specialist palliative care referrals for hospitalised patients with advanced cancer
Elise Button	Patsy Yates, Raymond Chan, Shirley Connell, Jason Butler	Clinical indicators that identify risk of deteriorating and dying in people with a haematological malignancy

RBWH RESEARCH GROUP / DEPARTMENT LEAD RESEARCHERS	COLLABORATIVE RESEARCHERS	RESEARCH PROJECT TITLE
Elise Button	Gillian Nasato, David Wyld, Patsy Yates, Eileen Fennelly, Jenni Leutenegger, Rae Blades, Jadwiga Chabrowska, Michael Smith, Sarah Northfield, Nicole Gavin	RBWH Cancer Care Services model of care: working to reduce avoidable emergency presentations and hospitalisations
Raymond Chan	Patsy Yates , Jane Turner, Brett Hughes, Raymond Chan	Development and evaluation of a tailored fatigue self-management behavioural intervention for patients with advanced cancer.
Raymond Chan	Louisa Gordon, Adrienne Hudson, Natalie Bradford, Aaron Conway, Patsy Yates , Cherie Franks, Robyn Henderson, Richard Lakeman, Trisha Johnson, Tim Moffitt	Queensland Nurse Navigator Program Evaluation Pilot Study
Raymond Chan	Natalie Bradford, Patsy Yates , Ann Boner, Wolf Marx, Clint Douglas	Nurse-led models of care where the nurse takes a primary care role: a systematic review
Raymond Chan	Glen Kennedy, Patsy Yates , Jane Turner, Elise Button , Anthony Smith	A Multi-centre Randomised Controlled Trial of a Nurse-led Survivorship Intervention for EmpoweriNG pAtients with HodGkin's and Non-Hodgkin's Lymphoma after trEatment: (The ENGAGE Trial)
Rae Blades	Patsy Yates, Raymond Chan , Steven McPhail	A cost-effectiveness analysis of a silicone gel (StrataXRT®) for prophylaxis and management of Radiation Induced Skin Injury in head and neck cancer patients.
Therese Hayes	Raymond Chan, Patsy Yates	Unmet care needs in elderly patients with a haematological malignancy
Justine Leach	Raymond Chan, Patsy Yates	Nurse-led Clinics in Cancer Care Services
Robyn Matthews	Raymond Chan, Patsy Yates	End-of-life care education and training essentials of health professionals in the acute care setting
Mary-Ellen Yarker	Carol Windsor, Jenny Fox	The patients' perception of shared decision making when receiving chemotherapy and radiation treatment
Andrea Henden	Geoff Hill, Glen Kennedy, Simon Durrant, Jason Butler, Ashish Misra, Siok Tey, Elango Subramonia-Pillai, Cameron Curley	A phase I / II study of pegylated-Interferon-2alpha for relapsed haematological malignancy after allogeneic haematopoietic progenitor cell transplantation (HPCT)
Kate Markey	Geoff Hill, Glen Kennedy, BMT physicians	Rapid diagnostic test for identification of blood stream infection in febrile haematology patients: pilot sample collection for test optimisation and validation

2017 COLLABORATIVE RESEARCH ACTIVITY INVOLVING RBWH RESEARCH GROUP / DEPARTMENT

COLLABORATIVE LEAD RESEARCHERS	RBWH RESEARCHERS	RESEARCH PROJECT TITLE
Kaye Petherick, Judith McLean, Lowanna Dunn, Deborah Anderson, Cynthia Cliff, Marisha McAuliffe (QUT)	Alison Alexander, Gillian Nasato, Michael Smith, Glen Kennedy (Cancer Care Services)	Cancer Care Information Portal for Cancer Patients in Brisbane's Metro North Area
Claire Rickard, Joan Webster, Raymond Chan, Peter Mollee, Geoffrey Playford, Li Zhang, Sam Keogh, Andrew Hallahan, Evan Alexandrou (Multiple institutions)	Nicole Gavin (Cancer Care Services)	Peripherally InSerted CEntral catheter dressing and Securement in cancer patients: the PISCES Trial. Protocol for a 2x2 factorial, superiority randomised controlled trial
Jessica Scaife, Alexandra McCarthy, Raymond Chan, Leanne Stone (Multiple institutions)	Nicole Gavin, Selena Hughes (Cancer Care Services)	Critical Appraisal of clinical guidelines for the management of neutropenic fever in patients with cancer
Carla Thamm, Alexandra McCarthy, Raymond Chan, Leanne Stone (Multiple institutions)	Selena Hughes (Cancer Care Services)	Specialist nurse-led Triage and Assessment at emergency department to improve patient outcomes and reduce wait time
Jane Campbell, Alexandra McCarthy, Raymond Chan, Leanne Stone (Multiple institutions)	Selena Hughes (Cancer Care Services)	Opioid and sedatives during bone-marrow aspiration
Amanda Ullman, Patricia Kleidon, Nicole Marsh, Karen Turner, Claire Rickard (Griffith University)	Nicole Gavin (Cancer Care Services)	Estimating Prevalence of Impaired Skin Surrounding Devices (the EPISODE Study)
Australia New Zealand Urogenital and Prostate Cancer Trials Group	Natasha Roberts	The Patient Experience of Participating in a Clinical Trial
Rebecca Mercieca-Bebber (University of Sydney)	Natasha Roberts	Quality of life end-points in clinical trials

2017 RESEARCH AWARDS AND ACHIEVEMENTS

RECIPIENT	AWARD	EVENT
DEM Avoidance Project steering committee	Best Consumer Focused Project	Metro North Hospital and Health Services QuARRIE award
DEM Avoidance Project steering committee	Finalists	MNHHS Staff Excellence Awards
Emily Larsen	Best Clinical Research Abstract	RBWH Research Symposium
Emily Larsen	Best Oral Presentation	The Australian Vascular Access Society Annual Scientific Meeting 2017
Elise Button	Best Nursing Abstract	RBWH Research Symposium
Nicole Gavin	PhD Student of the Year	AVATAR Teaching and Research Group
Nicole Gavin	Best Nursing Poster	Haematology Society of Australia and New Zealand Annual Conference 2017
Queensland Collaborative for Cancer Survivorship	Highly commended	MNHHS Research Awards

2017 RESEARCH GRANTS - AWARDED

INVESTIGATORS (RBWH STAFF IN BOLD)	RBWH RESEARCH GROUPS / DEPARTMENTS	PROJECT TITLE	GRANTING BODY	AMOUNT IN 2017	TOTAL AMOUNT (YEARS)
Nicole Gavin, Claire Rickard, Geoffrey Hill	Cancer Care Services	Improving central-line associated bloodstream infection diagnosis in allogeneic haematopoietic stem cell transplant patients with parenteral nutrition	Royal Brisbane & Women's Hospital Patricia Dukes Postdoctoral Research Fellowship	\$50,000	\$100,000 (2017-2018)
Nicole Gavin, Gillian Nasato, Elise Button, Cynthia Cliff, Kay Petherick, Jared Donovan, Glenda Caldwell, Mirko Guaralda, Markus Rittenbruch, Severine Mayere, Sukanlaya Sawang, Graham Steel, Krispin Hajkowicz, Trish Hurst, Zillmann, Alison Alexander, Michael Smith & Christen Hill	Cancer Care Services, QUT Creative Industries	Developing a message strategy to improve hand hygiene compliance	LINK Innovation	\$112,595	\$112,595 (2017)

INVESTIGATORS (RBWH STAFF IN BOLD)	RBWH RESEARCH GROUPS / DEPARTMENTS	PROJECT TITLE	GRANTING BODY	AMOUNT IN 2017	TOTAL AMOUNT (YEARS)
Nicole Gavin, Claire Rickard, Geoffrey Hill, Harris, Li Zhang, Kate Markey, Sarah Anderson, Emily Larsen	Cancer Care Services and Alliance for Vascular Access Teaching And Research	Improving central-line associated bloodstream infection diagnosis in allogeneic stem cell transplant patients with parenteral nutrition: The Improving CLABSI Trial.	American Society of Parenteral and Enteral Nutrition Rhoads Research Foundation 2017	US\$25,000	US\$25,000 (2017)
Nicole Gavin, Amanda Ullman, Trisha Kleidon, Sonj March, Emily Larsen, Jill Campbell, Claire Rickard	Cancer Care Services and Alliance for Vascular Access Teaching And Research	Estimating the prevalence of impaired skin surrounding devices: The EPISODE Study.	Royal Brisbane and Women's Hospital Foundation 2017	\$40,000	\$40,000 (2017)
Emily Larsen, Nicole Marsh, Nicole Gavin, Julie Flynn, Joan Webster	Cancer Care Services and Alliance for Vascular Access Teaching And Research	Cancer Care risk factors of venous access failure: The CARETAKER Study.	Royal Brisbane and Women's Hospital Foundation 2017.	\$40,000	\$40,000 (2017)
Nicole Gavin, Gillian Nasato, Nicole Marsh, Emily Larsen, Sarah Northfield, Glen Kennedy, David Wyld, Michale Smith, Krispin Hajkovicz, Trent Atkinson, Barbara Hwer, Fiona Coyer, Alison Alexander, Patsy Yates, Peter Mollee	Cancer Care Services	Central Venous Access Device (CVAD) Registry	Executive Support Royal Brisbane and Women's Hospital 2017	\$17,806	\$17,806 (2017)
Julie Flynn, Claire Rickard, Samantha Keogh, Li Zhang	Alliance for Vascular Access Teaching and Research Group	Decontamination of central venous catheter needleless connectors.	Cancer Nurses Society of Australia Research Grant	\$5,500	\$5,500 (2016-2017)
Julie Flynn	Alliance for Vascular Access Teaching and Research Group	Decontamination of central venous catheter needleless connectors.	Australian Postgraduate Award, Griffith University	\$26,000	\$78,000 (2015-2017)
Julie Flynn	Alliance for Vascular Access Teaching and Research Group	Decontamination of central venous catheter needleless connectors.	Doctor of Philosophy Centurion Top-Up Scholarship, School of Nursing and Midwifery, Griffith University	\$5,000	\$15,000 (2015-2017)
Elise Button	Cancer Care Services	Clinical indicators that identify risk of deteriorating and dying in people with a haematological malignancy	Royal Brisbane & Women's Hospital Post Graduate Scholarship	\$12,500	\$62,500 (2015-2017)

INVESTIGATORS (RBWH STAFF IN BOLD)	RBWH RESEARCH GROUPS / DEPARTMENTS	PROJECT TITLE	GRANTING BODY	AMOUNT IN 2017	TOTAL AMOUNT (YEARS)
Elise Button	Cancer Care Services	Clinical indicators that identify risk of deteriorating and dying in people with a haematological malignancy	Queensland University of Technology, Centre for Research Excellence in End of Life PhD Scholarship	\$17,500	\$105,000 (2014-2017)
Raymond Chan	Cancer Care Services	Development and evaluation of a tailored fatigue self-management behavioural intervention for patients with advanced cancer	NHMRC	\$38,824	\$155,298 (2014-2017)
Claire Rickard, Joan Webster, Raymond Chan , Peter Mollee, Geoffrey Playford, Li Zhang, Sam Keogh, Andrew Hallahan, Evan Alexandrou (AI: Nicole Gavin)	Alliance for Vascular Access Teaching and Research Group	Peripherally InSerted Central catheter Securement: the PISCES Trial	NHMRC Project Grants (APP1098757)	\$220,343	\$1,101,717 (2016-2020)
Glen Kennedy, Raymond Chan, Patsy Yates, Jane Turner, Elise O'Dell , Anthony Smith.	Cancer Care Services	A Multi-centre Randomised Controlled Trial of a Nurse-led Survivorship Intervention for EmpoweriNG pAtients with HodGkin's and Non-Hodgkin's Lymphoma after trEatment: (The ENGAGE Trial)	Royal Brisbane and Women's Hospital Foundation	\$20,000	\$ 40,000 (2016-2017)
Raymond Chan, Rae Blades, Patsy Yates , Steven McPhail, Grahame Dickie, David Wyld, Steven Sylvander, Steven Crowe, Elise Button, Christopher Walsh, Jacqui Keller , Lee Jones	Cancer Care Services	A non-blinded, randomised, controlled, superiority trial of StrataXRT® versus 10% Glycerine (Sorbolene) cream for prophylaxis and management of radiation dermatitis in head and neck cancer patients receiving radical radiotherapy with or without concurrent systemic therapy	Stratpharma	\$56,000	\$112,000 (2016-2017)

INVESTIGATORS (RBWH STAFF IN BOLD)	RBWH RESEARCH GROUPS / DEPARTMENTS	PROJECT TITLE	GRANTING BODY	AMOUNT IN 2017	TOTAL AMOUNT (YEARS)
Elise Button	Cancer Care Services	Clinical indicators that identify risk of deteriorating and dying in people with a haematological malignancy	Centaur Memorial Fund for Nurses	\$5,000	\$15,000 (2017-2019)
Elise Button, Nicole Gavin, Jason Butler, Raymond Chan, Patsy Yates	Cancer Care Services	The Patient And Carer's well-being, values and preferences, living with life-threatening illness (The PACE Study)	RBWH Foundation Susan Suduk OneDay To Conquer Cancer Diamond Care Grants 2017	\$40,000	\$40,000 (2017)
Raymond Chan, Alex Molassiotis, Patsy Yates, Gillian Nasato, Teresa Brown, Elise Button, Andrea Marshall, I Isenring, David Wyld, Melissa Eastgate, Nicole Gavin	Cancer Care Services	A Patient-family-Centered intervention to promote Nutrition In advanced Cancer patients	RBWH Foundation Susan Suduk OneDay To Conquer Cancer Diamond Care Grants 2017	\$40,000	\$40,000 (2017)
David Wyld, Matthew Burge, Raymond Chan, Jane Turner, Patsy Yates, Rachel Neale, Vanessa Beesley	Cancer Care Services	Towards improved support of patients with pancreatic cancer and their families.	RBWH Foundation Susan Suduk OneDay To Conquer Cancer Diamond Care Grants 2017	\$40,000	\$40,000 (2017)
Patsy Yates, Raymond Chan, David Wyld.	Cancer Care Services	A sequential multiple assignment randomized trial (SMART) of nursing interventions to reduce pain associated with chemotherapy induced peripheral neuropathy.	NHMRC	\$178,354	\$713,418 (2017-2020)
Elise Button, Sarah Northfield, Nicole Gavin, Glen Kennedy, David Wyld, Gillian Nasato, Jeffrey Rowland, Rhonda Mead, Darshit Thaker, Danielle Johanson, Justine Leach, Shelley Kulperger, Carey-Ann Tanner, Gary Powell, Patsy Yates, Ray Chan, Geoff Mitchell.	Cancer Care Services	The Rainy Day Care bundle: a pilot	Statewide End of Life Strategy SEED funding	\$120,000	\$120,000 (2016-2017)
Natasha Roberts	Cancer Care Services	Patient Reported Outcomes in a Medical Oncology Setting	Diamond Care Grant for the Susan Suduk Day to End Cancers	\$7,500	\$7,500 (2017)

INVESTIGATORS (RBWH STAFF IN BOLD)	RBWH RESEARCH GROUPS / DEPARTMENTS	PROJECT TITLE	GRANTING BODY	AMOUNT IN 2017	TOTAL AMOUNT (YEARS)
Rickard C, Ware R, Ullman A, Marsh N, Gavin NC , Fraser J, Lawley M.	Cancer Care Services	Clinical Registry Partnership - Developing a central venous access device registry as a research and health improvement platform	Griffith University Menzies Health Institute Queensland Incentive Quality Development Scheme	\$30,000	\$30,000 (2017)
Hurree K, Button E, Nakagaki M, Gavin NC, Adcock K, Whitfield K, Douglas C, Smith M, Wyld D, Kennedy G.	Department of Pharmacy and Cancer Care Services	Educating patients – their way: A co-design approach to develop patient education videos regarding medication administration and supportive cares	Metro North Hospital and Health Services SEED Innovation	\$82,631	\$82,631 (2018)
Gavin NC , Curtis K, Fuller F, Jansens W.	Cancer Care Services	Revision of Cancer Nurses' Society of Australia Vascular Access Device Guidelines	Cancer Nurses' Society of Australia Special Project Funding	\$27,467	\$27,467 (2018)
Natasha Roberts	Cancer Care Services	Patient Reported Outcomes in a Medical Oncology Setting	Royal Brisbane and Women's Hospital Scholarship	\$36,863	\$36,863 (2018)

2017 RESEARCH PUBLICATIONS

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal Article	Chan A, Ng T, Oh SK, Eyob T, Shwe M, Gan YX, Chan R , Dent R, Ng R, Tan M, Goh B, Tan YP, Fan G. (2017). A culturally adapted, multidisciplinary psychoeducation program for early-stage breast cancer survivors in Asia: A randomized, controlled trial. <i>Psycho-Oncology</i> . 26 (10): 1654-1659.
Journal Article	Chan R, Yates P , Li Q, Komatsu H, Lopez V, Thandar M, Chacko ST, So WKW, Pongthavornkamol K, Yi MS, Pittayapan P, Butcon J, Wyld W , Molassiotis A (2017). Oncology practitioners' perspectives and practice patterns of post-treatment cancer survivorship care in the Asia-Pacific region: whose job is it anyway? Results from the STEP study. <i>BMC Cancer</i> . 17: Article 715
Journal Article	Molassiotis A, Yates P , Li Q, So WKW, Pongthavornkamol K, Pittayapan P, Komatsu H, Thandar M, Yi MS, Titus Chacko S, Lopez V, Butcon J, Wyld W, Chan R (2017). Mapping unmet supportive care needs in cancer survivors across the Asia-Pacific region: Results from the international STEP study. <i>Annals of Oncology</i> . 28: 2552-2558
Journal Article	Chan R, Button E, Gates P, Yates P . (2017) Nurses' attitude, confidence and practices in survivorship care for patients with a haematological malignancy: an Australian nurses practice survey. <i>Supportive Care in Cancer</i> . (published online ahead)
Journal Article	Choudhury MA, Sidjabat H, Rathnayake I, Gavin N, Chan R , Marsh N, Banu S, Huygens F, Paterson DL, Rickard CM, and McMillan DJ. (2017) Culture independent detection of chlorhexidine resistance genes qacA/B and smr in bacterial DNA recovered from body sites treated with chlorhexidine containing dressings. <i>Journal of Medical Microbiology</i> . 66 (4): 447-453
Journal Article	Gordon L, Merollini K, Lowe A, Chan R (2017). A systematic review of financial toxicity among cancer survivors: we can't pay the co-pay. <i>The Patient - Patient-Centered Outcomes Research</i> , 10(3), 295-309

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal Article	Bradford N, Chan R (2017) Physical and psychological interventions for adolescent and young adults cancer survivors: an integrative literature review. <i>Cancer Treatment Reviews</i> . 55: 27-70.
Journal Article	Ferreira EB, Vasques CI, Gadia R, Chan R , Guerra ENS, Mezzomo LA, de Luca Canto G, Diniz PE (2017). Topical interventions to prevent acute radiation dermatitis in head and neck cancer: a systematic review and meta-analysis. <i>Supportive Care in Cancer</i> . 25: 1001-1011
Letter	Chan R, Yates P , Molassiotis A (2017). A step forward in addressing cancer survivorship in the Asia Pacific Region. <i>BMC Medicine</i> . 15:17
Journal Article	Button E, Chan R , Chambers, S, Butler J, Yates P . (2017) A systematic review of prognostic factors in the final three months of life for people with a haematological malignancy. <i>BMC Cancer</i> , 17(213), 1-15.
Journal Article	Flynn J, Rickard C, Keogh S , Zhang L. (2017). Alcohol Caps or Alcohol Swabs With and Without Chlorhexidine: An In Vitro Study of 648 Episodes of Intravenous Device Needleless Connector Decontamination. <i>Infection Control & Hospital Epidemiology</i> , 1-3.
Journal Article	Gavin NC, Button E , Keogh S, McMillan D, Rickard C (2017) Does parenteral nutrition increase the risk of vascular catheter-related blood stream infection? A systematic literature review. <i>Journal of Parenteral and Enteral Nutrition</i> . DOI: 10.1177/0148607117714218
Journal Article	Rickard CM, Marsh NM, Webster J, Gavin NC, Chan RJ , McCarthy AL, Mollee P, Ullman AJ, Kleidon T, Chopra V, Zhang L, McGrail MR, Larsen E, Choudhury MA, Keogh S, Alexandrou E, McMillan DJ, Mervin MC, Paterson DL, Cooke M, Ray-Barruel G, Castillo MI, Hallahan A, Corley A, Playford G. Peripherally Inserted Central catheter dressing and Securement: the PISCES Trial. Protocol for a 2x2 factorial, superiority randomised controlled trial. <i>BMJ Open</i> . June 2017;7:e015291.
Journal Article	Kleidon T, Ullman AJ, Northfield S , Zhang L, Mihala G, Gavin NC , Rickard CM (2017) Peripherally Inserted Central Catheter Outcomes Polyurethane versus Endoxo: the PICCOMPARE Trial. Protocol for a randomised controlled trial, <i>Vascular Access</i> , 3(1) 15-21
Journal Article	Choudhury M, Sidjabat H, Rathnayake I, Gavin NC, Chan R , Banu S, Huygens F, Paterson D, Rickard C, McMillan D (2017) Culture independent detection of chlorhexidine resistance genes qacA/B and smr in bacterial DNA recovered from body sites treated with chlorhexidine containing dressings. <i>Journal of Medical Microbiology</i> , 66 447-453. DOI 10.1099/jmm.0.000463
Letter	Button E, Chan RJ , Chambers S, Butler J, Yates P . (2017). Lack of Palliative Mortality Prediction Tools for People with a Hematological Malignancy: Call for Action. <i>Journal of Palliative Medicine</i> .
Journal article	Beesley V, Janda M, Burmeister E, Goldstein G, Gooden H, Merrett N, O'Connell DL, Wyld DK , Young JM, Chan R , Neale R (2017) Association between peoples' perception of their pancreatic cancer care coordination and their patient-reported and survival outcomes. <i>Palliative and Supportive Care</i> . Published online ahead of print.
Journal article	Gordon L, Chan R . (2017) Financial toxicity among patients with cancer – where to from here? <i>Cancer Nursing</i> . 40 (4): 257-258.
Letter	Button E . (2017). Finding meaning: A personal reflection on Adem Crosby. <i>BMJ Supportive and Palliative Care</i> , Jun 24. pii: bmjcare-2017-001377. doi: 10.1136/bmjcare-2017-001377. [Epub ahead of print].
Journal article	Chan RJ, Northfield S, Larsen E , Mihala G, Ullman A, Hancock P , Marsh N, Gavin N, Wyld D, Allworth A, Russell E , Choudhury MA, Flynn J, Rickard CM . (2017). Central venous Access device Securement And Dressing Effectiveness for peripherally inserted central catheters in adult acute hospital patients (CASCADE): a pilot randomised controlled trial. <i>Trials</i> . 18:458 DOI: 10.1186/s13063-017-2207-x

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal article	Bradford N, Henney R, Inglis P , Walker R, Chan R . (2017) Improvements in clinical practice for fertility preservation amongst young cancer patients: results from bundled interventions. Journal of Adolescent and Young Adult Oncology. DOI: 10.1089/jayao.2017.0042
Journal article	Gordon L, Merollini K, Lowe A, Chan R (2017) Financial Toxicity – what is it and how to measure it? Cancer Forums. 42:2
Journal article	Clough BA, March S, Chan RJ , Casey LM, Phillips R, & Ireland MJ. Psychosocial Interventions for Managing Occupational Stress and Burnout among Medical Doctors: A Systematic Review. Systematic Reviews. 6:144
Journal article	Coyne E, Northfield S , Ash K, Brown-West L, Miles C, Munton K, & Barratt C. (2017). The minimum education and safety requirements for the nursing administration of cytotoxic drugs: an integrative review protocol. The Australian Journal of Cancer Nursing, 2017, 18(2), 10-15.

2017 CONFERENCE PRESENTATIONS – INVITED SPEAKER, ORAL AND POSTER:

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
Oral	Gavin NC , Keogh S, McMillan D, Rickard CM . A dynamic model for the investigation of touch contamination in intravascular device-related infections. American Society of Parenteral and Enteral Nutrition Annual Conference, Florida, February 2017.
Oral	Bradford N, Henney R, Orford R, Chan R . Attitude and knowledge about fertility preservation for young people living with cancer: a health professional survey. ANZCHOG Annual Scientific Meeting 2017. Adelaide, Australia.
Poster	Gavin NC, Button E, Keogh S, McMillan D, Rickard CM . Does parenteral nutrition increase the risk of vascular catheter-related blood stream infection? A systematic review. American Society of Parenteral and Enteral Nutrition Annual Conference, Florida, February 2017.
Poster	Gavin NC , Button E , Castillo M, Ray-Barruel G, Keogh S, McMillan D, Rickard CM . Does a dedicated lumen for parenteral nutrition administration reduce the risk of catheter-related blood stream infections? A systematic review. American Society of Parenteral and Enteral Nutrition Annual Conference, Florida, February 2017.
Poster	Bradford N, Chan R . 'Interventions for health and well-being in adolescents and young adults after cancer: A systematic review'. Survivorship 2017 conference. Adelaide, Australia.
Poster	Henney R, Bradford N, Inglis P, Walker R, Chan R 'Patient-clinician discussions about fertility in the adolescent and young adult cancer population: A multi-centre retrospective study'. Survivorship 2017 conference. Adelaide, Australia.
Poster	Henney R, Bradford N, Inglis P, Walker R, Chan R . 'Fertility issues in young people after cancer: What do I need to know?'. Survivorship 2017 conference. Adelaide, Australia.
Invited oral	Webster J, Ullman A, Gavin NC, Rollings K. Cochrane Corner, Australian Vascular Access Society Annual Scientific Meeting, May 2017
Invited oral	Gavin NC , McMillan D, Choudhury M, Keogh S, Rickard CM. Dynamic model for the investigation of touch contamination in intravascular device-related infections. Australian Vascular Access Society Annual Scientific Meeting, May 2017
Oral	Gavin NC , Northfield , Larsen E , Marsh N, Mihala G, Rickard CM. Let's look at the big picture: how CVAD registries inform evidence-based practice. Australian Vascular Access Society Annual Scientific Meeting, May 2017
Oral	Flynn J . A laboratory based study comparing three needleless connector decontamination methods. Australian Vascular Access Society Annual Scientific Meeting, May 2017
Invited oral	Gavin NC . From the bedside to the bench and back again. Using an innovative laboratory model to answer an age old clinical question. Cancer Nurses Society of Australia Congress, June 2017

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
Invited oral	Flynn J. A laboratory based study comparing three needleless connector decontamination methods. Cancer Nurses Society of Australia Congress, June 2017
Oral	Gavin NC, Northfield, Larsen E, Marsh N, Mihala G, Rickard CM. Let's look at the big picture: how CVAD registries inform evidence-based practice. Cancer Nurses Society of Australia Congress, June 2017
Oral	Button E, Gavin N, Chan R, Chambers S, Butler J, Yates P (2017). Clinical indicators that identify risk of deteriorating and dying in people with a haematological malignancy. Multinational Association of Supportive Care in Cancer. June 2017
Oral	Chan R, Northfield S, Larsen E, Mihala G, Ullman A, Marsh N, Hancock P, Webster J, Wyld D, Allworth A, Russell E, Rickard C (2017). What is the best dressing and securement for PICCs? The Australian Vascular Access Society- 2nd Scientific Meeting. Perth, Australia.
Invited oral	Chan R. EGFRi Skin reactions: bringing evidence-based practice to life. Amgen Colorectal Cancer Nurse Symposium 2017. Sydney, Australia. (Invited)
Invited oral	Chan R. Nurse Navigators. Putting Evidence into Practice. Passionate About Practice Conference 2017. Brisbane, Australia. (Invited)
Oral	Bradford N, Henney R, Orford R, Chan R. Attitude and knowledge about fertility preservation for young people living with cancer: a health professional survey. ANZCHOG Annual Scientific Meeting 2017. Adelaide, Australia.
Oral	Campbell J, Hughes S, Chan R, Scaife J, Thamm C, Stone L, McCarthy A. The effect of opioids in those undergoing BMATs: Systematic Review. 20th CNSA Annual Congress, Adelaide, Australia.
Oral	Thamm C, Teleni L, Chan R, Stone L, Campbell J, Hughes S, Scaife J, McCarthy A. Nurse-led intervention versus standard care for cancer patients presenting to emergency departments (EDs): Systematic review. 20th CNSA Annual Congress, Adelaide, Australia.
Oral	Bradford N, Chan R. Physical, psychological and educational interventions for adolescent and young adult cancer survivors: a systematic literature review. 20th CNSA Annual Congress, Adelaide, Australia.
Oral	Northfield S, Chan R, Rosenberg J, Yates P. Factors associated with patient access to specialist palliative care services in acute cancer care setting. Australian Palliative Care Conference, September 2017.
Poster	Northfield S, Chan R, Rosenberg J, Yates P. Identifying the factors that influence cancer nurses advocating for patient referrals to specialist palliative care services: A national survey. Australian Palliative Care Conference, September 2017.
Poster	Northfield S, Chan R, Rosenberg J, Yates P. Factors associated with patient access to specialist palliative care services in acute cancer care setting. RBWH Healthcare Symposium, September 2017.
Poster	Northfield S, Chan R, Rosenberg J, Yates P. Identifying the factors that influence cancer nurses advocating for patient referrals to specialist palliative care services: A national survey. RBWH Healthcare Symposium, September 2017.
Oral	Gavin NC, Northfield, Larsen E, Marsh N, Mihala G, Rickard CM. Let's look at the big picture: how CVAD registries inform evidence-based practice. Oral presentation. Association for Vascular Access Annual Scientific Meeting 2017
Invited oral	Kleidon T & Gavin NC. Peripherally Inserted Central Catheter outcomes Polyurethane Versus Endexo: the PICCOMPARE Pilot RCT in Adult and Pediatric Patients. Association for Vascular Access Annual Scientific Meeting 2017
Invited oral	Kleidon T & Gavin NC. Lessons learnt in undertaking clinical trials. Association for Vascular Access Annual Scientific Meeting 2017
Poster	Gavin NC, McMillan D, Choudhury M, Keogh S, Rickard CM. Dynamic model for the investigation of touch contamination in intravascular device-related infections. Association for Vascular Access Annual Scientific Meeting 2017.
Poster	Larsen E, Keogh S, Marsh N, Rickard C. What is the patient's experience of peripheral venous catheter insertion? RBWH Healthcare Symposium, September 2017.

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
Poster	Rickard C, Webster J, Marsh N, Larsen E, Gavin N , McGrail M, Runnegar N, Playford, G & Reynolds H. Intravenous administration set (infusion tubing) replacement after 4 or 7 days is equally effective to prevent blood stream infections (RSVP). RBWH Healthcare Symposium, September 2017.
Oral	Gavin NC, Northfield, Larsen E , Marsh N, Mihala G, Rickard CM. Central venous access device registry. Health Roundtable Innovation Symposium 2017.
Oral	Button E, Wyld D, Nasato G, Bates T, Fennelly E, Northfield S, Gavin NC, Leutenegger J, Smith M, Yates P . RBWH Cancer Care Services model of care: Working to reduce avoidable emergency presentations and hospitalisations. Health Roundtable Innovation Symposium 2017.
Oral	Button E, Gavin N , Chambers S, Butler J, Yates P . Identifying risk of deteriorating and dying in people with a haematological malignancy. Multinational Association of Supportive Care in Cancer,
Oral	Button E, Gavin N , Chambers S, Butler J, Yates P . Identifying risk of deteriorating and dying in people with a haematological malignancy. Australian Palliative Care Conference, September 2017.
Mini oral	Button E, Gavin N , Chambers S, Butler J, Yates P . Identifying risk of deteriorating and dying in people with a haematological malignancy. Royal Brisbane and Women's Hospital Research Symposium 2017.
Invited oral	Button E . New and emerging approaches to palliative care integration. Royal Brisbane and Women's Hospital Research Symposium 2017.
Poster	Button E, Wyld D, Nasato G, Bates T, Fennelly E, Northfield S, Gavin NC, Leutenegger J, Smith M, Yates P . RBWH Cancer Care Services model of care: Working to reduce avoidable emergency presentations and hospitalisations. Royal Brisbane and Women's Hospital Research Symposium 2017.
Poster	Gavin NC, Northfield S, Larsen E , Mihala G, Marsh N, Ray-Barruel G. CVAD Registries: improving outcomes for haematology patients. Haematology Association of Australia Annual Scientific Meeting, Sydney.
Oral	Gavin NC . From the bedside to the bench and back again. Using an innovative laboratory model to answer an age old clinical question. Haematology Association of Australia Annual Scientific Meeting, Sydney.
Oral	Webster J, Northfield S, Larsen E , Marsh N, Rickard C, Chan R. Excellent Inter-rater agreement on the assessment of a peripherally inserted central catheter insertion site between nurses and patients using the PICC-SAT. Australasian College for Infection Prevention and Control (ACIPC), Canberra.
Invited oral	Chan R . Cultural Considerations in Planning Survivorship Care in Asia: Lessons learnt from the STEP Study. ESMO Asia 2017 Congress. Singapore
Oral	Chan R . Oncology practitioners' perspectives of survivorship care provision in the Asia-Pacific region. International Conference on Cancer Nursing, September 2017 Anaheim, USA.
Oral	Chan R. Unmet care needs of cancer survivors in 9 Asia-Pacific countries: results from the step study. International Conference on Cancer Nursing. September 2017 Anaheim, USA.
Invited oral	Chan R . 50 Years of Cancer Nursing Research. Cancer Nurses Society of Australia Congress, June 2017
Invited oral	Chan R . Cancer Related Fatigue Palliative and Cancer Care Insights. 14-15 October 2017.

OTHER COMMUNICATIONS AND OUTPUTS:

Elise Button – PhD student, QUT. Identifying risk of deteriorating and dying in people with a haematological malignancy. Final Seminar, 6th April 2017, Level 5, Centre of Clinical Nursing, RBWH. Final Seminar, 6th April 2017, QUT, RBWH campus. Supervisors: Patsy Yates, Raymond Chan, Shirley Chambers, Jason Butler.

Sarah Northfield – MappSci student, QUT. The palliative care referral decision-making process in the acute cancer setting: nurses' advocacy behaviours and the factors influencing these behaviours. Final Seminar, 18th May 2017, QUT, Kelvin Grove campus. Supervisors: Patsy Yates, Raymond Chan, John Rosenberg.

2016 RESEARCH PUBLICATIONS

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal article	Gavin NC, Webster J, Chan R & Rickard CM. Frequency of dressing changes for central venous access devices on catheter-related infections. <i>Cochrane Library</i> . (2016). Issue 2.
Journal article	Button, E. Prophylactic treatment of hepatic veno-occlusive disease during stem cell transplantation: A Cochrane Nursing Summary. <i>Cancer Nursing: An International Journal for Cancer Care</i> , (2016) 39(4), 335-336.
Journal article	Keogh S, Flynn J, Marsh N, Mihala G, Davies K, Rickard CM. Varied flushing frequency and volume to prevent peripheral intravenous catheter failure: A pilot, factorial randomised controlled trial in adult medical-surgical hospital patients. <i>Trials</i> . (2016). 17(1), 348.
Journal article	Zhang L, Cao S, Marsh N, Ray-Barruel G, Flynn J, Larsen E, Rickard CM. Infection risks associated with peripheral vascular catheters. <i>Journal of Infection Prevention</i> , (2016). 17(5).
Journal article	So W, Chan R, Truant T, Trevatt P, Bialous S, Barton-Burke M (2016) Global perspectives on cancer health disparity Impact, utility, and implications for cancer nursing. <i>Asia Pacific Journal of Oncology Nursing</i> . 3 (4): 316-323.
Journal article	Chan R, Bowers A, Barton-Burke M (2016) Organizational Strategies for Building Capacity in Evidence-Based Oncology Nursing Practice: A Case Report of an Australian Tertiary Cancer Center. <i>Nursing Clinics of North America</i> . 52 (1): 149-158.
Journal article	Truant T, Chan R (2016). Future Ready: Professional leadership in the context of nursing professional organizations (Editorial). <i>Canadian Oncology Nursing Journal</i> . 27 (1): 2-8.
Journal article	Chan R, Yates P, McCarthy A (2016) The Development and Preliminary Testing of an Instrument for Assessing Fatigue Self-management Outcomes in Patients With Advanced Cancer. <i>Cancer Nursing</i> . 40 (1): 48-57.
Journal article	Chan R, Truant T (2016). Professional leadership in the context of nursing professional organisations (Editorial). <i>Australian Journal of Cancer Nursing</i> . 17 (2): 2-4
Journal article	Krishnasamy M, Chan R (2016) Translational Cancer Nursing Research: What will your contribution be?" <i>Cancer Nursing</i> . 39 (6): 425-426
Journal article	Chan R, Yates P, McCarthy A (2016) Examining fatigue self-management behaviours in patients with advanced cancer: a prospective longitudinal survey. <i>Oncology Nursing Forum</i> 43 (6): 762-771
Journal article	Bradford N, Edwards R, Chan R. Heparin versus 0.9% sodium chloride intermittent flushes for CVC in children and infants: a systematic review. <i>International Journal of Nursing Studies</i> . 59: 51-59.
Journal article	Eyob T, Ng T, Chan R, Chan A (2016) Impact of chemotherapy on cancer-related fatigue and cytokines in 1312 patients: A systematic review of quantitative studies. <i>Current Opinion in Supportive & Palliative Care</i> . 10(2):165-79.
Journal article	Chan A, Ng T, Chan R, Farid M (2016) Cognitive Toxicity in Curable Adolescent and Young Adult (AYA) Cancer Patients: Impact on Quality of life, Employment and Survivorship. <i>Expert Review of Quality of Life in Cancer Care</i> . 1 (3): 187-188
Journal article	Chan R, Webster J, Bowers A. End-of-life care pathways for improving outcomes in caring for the dying (Review). <i>Cochrane Database of Systematic Reviews</i> 2016, Issue 1. Art. No.: CD008006. DOI:10.1002/1451858.CD008006.pub3
Journal article	Chan R, Geary A, Yates P, Nasato G (2016) Building capacity for cancer nursing research and evidence-based practice. the Cancer Nursing Professorial Precinct Initiative. <i>Asia Pacific Journal of Oncology Nursing</i> . 3 (1): 28-29
Journal article	Button E, Chan R, Chambers S, Butler J, Yates P (2016) Signs, symptoms and characteristics associated with the end of life in people with a hematological malignancy: A review of the literature. <i>Oncology Nursing Forum</i> . 43 (5): E178-187
Journal article	Langbecker D, Ekberg S, Yates P, Chan A, Chan R. (2016) What are the barriers of quality survivorship care for haematology cancer patients? Qualitative insights from cancer nurses. <i>Journal of Cancer Survivorship</i> . 10 (1): 122-130

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal article	Teleni L, Chan R , Chan A, Isenring EA, Vela I, Inder W, Anderson D, McCarthy AL. (2016) Dietary and exercise interventions on the quality of life, menopausal-like symptoms and metabolic risk factors in men undergoing androgen deprivation therapy for prostate cancer. <i>Endocrine-related Cancer</i> . 23(2): 101-112

2016 CONFERENCE PRESENTATIONS – INVITED SPEAKER, ORAL AND POSTER:

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
Oral	Downs E, Keating A, Butler J, Kennedy G. A Collaborative Approach in the Management of Late Onset Grade IV skin GVHD of an Adolescent Male Post Allogenic Bone Marrow Transplant. Haematology Association of Australia Annual Scientific Meeting, 2016.
Oral Invited	Chan R. Cutting edge interventions to prevent central catheter failures in cancer patients. Emirates Oncology Conference 2016. Abu Dhabi.
Oral Invited	Chan R. From concept to conclusion: success factors for leading evidence-based practice in oncology nursing. Emirates Oncology Conference 2016. Abu Dhabi
Oral Invited	Chan R. Palliative Care Nursing Research. 2nd Asia Pacific Palliative Care and Hospice Forum 2016. Beijing, China.
Oral	Henney R, Bradford N, Inglis P, Walker R, Chan R. (2016) Disparities in fertility preservation: not just a gender issue? 9th International Conference and 1st Global AYA Cancer Congress. Edinburgh, UK.
Oral	Chan R (2016). Survivorship issues across the globe: The Australian Perspective. International Conference on Cancer Nursing. Hong Kong.
Oral	Chan R, Wallace A, Downs E, Langbecker D, Ekberg S, Gates P, Chan A, Yates P (2016). Cancer nurses' provision of survivorship care for patients with haematological malignancy. MASCC/ISOO Annual Meeting on Supportive Care in Cancer. Adelaide Australia
Oral	Chan A, Ng T, Oh SK, Eyob T, Shwe M, Gan YX, Chan R , Dent R, Ng R, Tan M, Goh B, Tan YP, Fan G. (2016). A culturally adapted, multidisciplinary psychoeducation program for early-stage breast cancer survivors in Asia: A randomized, controlled trial. MASCC/ISOO Annual Meeting on Supportive Care in Cancer. Adelaide Australia
Oral	Chan R (2016). Health Disparities and Cancer Navigation: The Australian Perspective. Oncology Nursing Society Congress 41st Annual Congress. San Antonio, Texas, USA.
Oral	Chan A, Ng T, Oh SK, Eyob T, Shwe M, Gan YX, Chan R , Dent R, Ng R, Tan M, Goh B, Tan YP, Fan G. (2016). A culturally adapted, multidisciplinary psychoeducation program for early-stage breast cancer survivors in Asia: A randomized, controlled trial. American Society of Clinical Oncology Annual Meeting. Chicago, Illinois, USA.
Oral	Eyob T, Ng T, Chan R , Chan A (2016) Chemotherapy, cytokines and cancer-related fatigue: a systematic review of quantitative studies in 1312 patients. ISPOR 7th Asia-Pacific Conference.
Oral	Button E, Chan R, Connell S, Butler J, Yates P. (2016) Prognostic factors in the final three months of life for people with a haematological malignancy: A systematic review. 9th World Research Congress of the European Association for Palliative Care (EAPC). Dublin.
Oral	Chan R, Northfield N, Larsen E, Mihala G, Ullman A, Marsh N, Hancock P, Webster J, Wyld D, Allworth A, Russell E, Rickard C (2016). Central venous Access device SeCurement And Dressing Effectiveness in Cancer Care: The CASCADE Trial. Royal Brisbane and Women's Hospital Cancer Care Services Research Retreat.
Oral	Henney R, Bradford N, Inglis P, Walker R, Chan R. Patient-clinician discussions about fertility in the adolescent and young adult cancer population: do disparities exist? Royal Brisbane and Women's Hospital Healthcare Symposium. 2016. Brisbane Australia
Oral	Henney R, Bradford N, Inglis P, Walker R, Chan R. Patient-clinician discussions about fertility in the adolescent and young adult cancer population: do disparities exist? 2nd ANNUAL Children's Health Queensland Research Symposium. 2016. Brisbane Australia

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
Oral	Ash K, Chan R , Marks P. Credentialing for Nurses: a specialist nurse credentialing program. Opportunities for the Cancer Nurses Society of Australia. 19th CNSA Annual Congress 2016, Cairns, Australia.
Oral	Bradford N, Edwards R, Chan R . Can saline replace heparin to prevent occlusion in long-term Central Venous lines in children? - a Cochrane systematic review. 19th CNSA Annual Congress 2016, Cairns, Australia.
Oral	McCarthy A, Teleni L, Chan R . Scoping an Intervention to Enhance Men's Wellness after Prostate Cancer Treatment. 19th CNSA Annual Congress 2016, Cairns, Australia.
Oral	Northfield S, Chan RJ , Rosenberg J, Yates P . Factors that influence palliative care referrals for hospitalised patients with advanced cancer: An integrative review. CNSA 19th Annual Congress, 2016.
Oral	Northfield S . Fracture, dislodgement, migration & localised infection – the complications of life with a CVAD. Vascular Access Device and Infusion Therapy Symposium, CNSA 19th Annual Congress, 2016.
Oral	Gavin NC , Marsh N, Larsen E, Northfield S, Chan RJ, Nasato G , Curtis K. Developing a cancer care central venous access device registry. (Oral presentation – Gavin NC). CNSA 19th Annual Congress, 2016.
Oral	Chan RJ, Northfield S, Larsen E , Ullman A, Mihala G, Hancock P, Marsh N, Allworth A, Gavin NC , Wyld D, Russell E, Flynn J, Rickard CM . Peripherally Inserted Central Catheter Securement And Dressing Effectiveness in the Acute Care Setting: A Pilot Randomised Controlled Trial (The CASCADE Trial). (Oral presentation – Chan RJ). CNSA 19th Annual Congress, 2016.
Oral	Ullman AJ, Kleidon T, Northfield S , Long D, Chan RJ , Cooke M, Rickard CM . Dressed to impress? Improving central venous access device securement and dressing. (Oral presentation – Kleidon T). World Congress Vascular Access (WoCoVA), 2016.
Oral	Northfield S, Chan RJ , Rosenberg J, Yates P . Factors that influence palliative care referrals for hospitalised patients with advanced cancer. 3-Minute Thesis. QUT School of Nursing Postgraduate Research Forum, 2016.
Oral	Button, E , Lovell, A, Gavin, N . Hope for the best, and prepare for the rest: A systematic review of Advance Care Planning prior to stem cell transplantation. Oral presentation. European Society of Blood and Marrow Transplantation Annual Scientific Congress, 2016.
Oral	Flynn, J . Decontamination of the needleless connector: An in vitro study. World Congress of Vascular Access , 2016.
Oral	Flynn, J . Decontamination of the needleless connector & ANTT. Cancer Nurses Society Australia , 2016, invited speaker – pre-congress workshop.
Poster	Choudhury M, Sidjabat H, Rathnayake U, Gavin N, Chan R , Banu S, Huygens F, Paterson D, Rickard C, McMillan D (2016) High prevalence of qacA/B and smr in bacterial DNA recovered at body sites treated with and without chlorhexidine dressings on central venous access devices in adult hospital patients. Australian College for Infection Prevention and Control Conference 2016, Melbourne Australia.
Poster	Northfield S, Chan RJ , Rosenberg J, Yates P . Factors that influence palliative care referrals for hospitalised patients with advanced cancer: An integrative review. RBWH Cancer Care Services Research Retreat, Brisbane
Poster	Northfield, S. Gavin NC, Larsen E , Mihala G, Marsh N. Developing a cancer care CVAD Registry. Royal Brisbane and Women's Hospital Healthcare Symposium, and Cancer Care Services Research Retreat.
Poster	Button, E, Chan, R , Chambers, S, Butler, J, & Yates, P . A systematic review of prognostic factors in the final three months of life for people with a haematological malignancy. Cancer Nurses Society of Australia Annual Congress, 2016.
Poster	Leutenegger, J, Gavin NC, Chan RJ, Yates P . The Tyranny of Distance – Can teleoncology bridge the gap between rural and remote and tertiary facilities? Cancer Nurses Society of Australia Annual Congress, 2016.
Poster	Peterman D, King L, Chan R, Gavin N , McKiernan S, Curtis K, Edwards R, Van Kuilenburg R, Rickard C, Fullerton F. Collaborative Review of Evidence-Based Guidelines in Central Venous Access Device Management. Australian Vascular Access Scientific Meeting 2016, Brisbane, Australia.

MEDICAL ONCOLOGY



David Wyld
Director, Medical Oncology

The Cancer Care Services Medical Oncology (MO) Department provides clinical services to the Metro North HHS district through its staff managing patients at RBWH, North Lakes, TPCH and Caboolture. It also acts as a major tertiary referral centre in Qld. The unit's clinical research program has a number of different components, all of which continue to expand and develop each year. Below is a few selected highlights from the department in 2017.

Firstly, the MO clinical trials unit continues to be recognized as a service that conducts exceptionally high quality clinical research. This is demonstrated by the unit being asked to take on the role of lead Australian site for an increasing number of collaborative studies, as well as being the only Qld site for a number of clinical trials. That the unit can continue to undertake the large number of clinical trials that it does, and be recognized as conducting them at such a high standard, is directly related to the quality of the staff involved at all levels, particularly the clinical trials research staff and the Medical Oncologists.

In addition, departmental staff continue to increase the number of collaborative research projects they undertake with external partners – including HIRF, QUT, The University of Queensland and multiple groups within QIMR, as well as researchers from a variety of other institutions both locally and from across the country.

In addition, many departmental staff continue to expand their subspecialty research interests and influence at a national level, both through involvement at executive or trial management committee level at a variety Australasian Clinical Research Collaborative groups, or via direct collaboration with other Australian researchers.

The number of publications authored by departmental staff in 2017, combined with multiple accepted abstracts at national and international meetings, reflects the breadth of the departments increasing research output.

One highlight of 2017 was that it saw MO staff supervising an increased number of higher degree candidates, an important development for the department.

A few other selected highlights - Brett Hughes taking part in an NHMRC Grant Review Panel in 2017, Zarnie Lwin being invited to attend a number of international Medical Oncology meetings as a guest speaker, Matthew Burge leading a national clinical trial in individuals with metastatic colorectal cancer, and Natasha Roberts and David Wyld with oral presentations of their research at International Conferences

SUPERVISED POST-GRADUATE RESEARCH STUDENTS

NAME (RBWH STAFF IN BOLD)	CURRENT STUDIES (E.G. PHD, MASTERS ETC.) UNIVERSITY (DURATION)	RESEARCH PROJECT TITLE	SUPERVISORS (RBWH STAFF IN BOLD)
Ali Dulfikar	PhD QUT	Pilot feasibility study of exercise in grade II, III and IV glioma while receiving radiation therapy with or without chemotherapy	Zarnie Lwin , Fiona Naumann, Mark Pinkham, Elizabeth Pinkham, Gabriel Siqueira Trajano
Elizabeth Ahern	PhD UQ 2015 -	Targeting RANK/RANKL in combination immunotherapy using murine and translational models of melanoma, prostate and other solid organ malignancies.	Mark Smyth, Michele Teng, David Wyld
Natasha Roberts	PhD QUT 2016 - 2019	Patient Reported Outcomes in a Medical Oncology Setting	Monika Janda, Kim Alexander, David Wyld
Benjamin Van Haeringen	MBBS Hons 2016 – 2017 UQ	Prognostic factors and biomarkers in a cohort of metastatic colorectal cancer patients managed at RBWH/TPCH and Rockhampton cancer services	David Wyld
Timothy Kalas	MBBS Hons 2016 – 2017 UQ	Dose intensity and morbidity of therapy in women older than 65 years undergoing adjuvant chemotherapy for breast cancer at RBWH	David Wyld
Teresa Brown	PhD UQ 2013 -	A randomised comparison of early prophylactic feeding via gastrostomy versus standard care in high risk patients with head and neck cancer	Brett Hughes, Merrilyn Banks, Judy Bauer
Rahul Ladwa	MPhil UQ 2017-	Predictors of dosimetry and response to peptide receptor radionuclide therapy	David Wyld , Stephen Rose, Nicholas Dowson
Darshit Thacker	MPhil UQ 2017	Implementation of Comprehensive Geriatric assessment (CGA) for patients older than 70 years in medical oncology clinic to facilitate decision making and provision of supportive management	David Wyld, Sunil Lakhani

2017 RESEARCH POSITIONS: COORDINATORS, FELLOW, ADJUNCT AND HONORARY POSITIONS

NAME	TYPE OF FELLOWSHIP	RESEARCH PROJECT	UNIVERSITY (YEARS)
Dr Rahul Ladwa	Research Fellow	Medical Oncology	Queensland Health
Dr Shu Fen Lee	Research Fellow	Medical Oncology	Queensland Health
Annette Cubitt	Manager, Clinical Trials Unit	Clinical Trials Unit Medical Oncology	Queensland Health
Jenny Campbell	Clinical Trial Coordinator	Clinical Trials Unit Medical Oncology	Queensland Health
Amy Ives	Clinical Trial Coordinator	Clinical Trials Unit Medical Oncology	Queensland Health
Andrea McKenzie	Clinical Trial Coordinator	Clinical Trials Unit Medical Oncology	Queensland Health
Wendy Pritchard	Clinical Trial Coordinator	Clinical Trials Unit Medical Oncology	Queensland Health
Erin Purdon	Clinical Trial Coordinator	Clinical Trials Unit Medical Oncology	Queensland Health
Megan Ward	Clinical Trial Coordinator	Clinical Trials Unit Medical Oncology	Queensland Health
Natasha Roberts	Clinical Trial Coordinator	Clinical Trials Unit Medical Oncology	Queensland Health

NAME	TYPE OF FELLOWSHIP	RESEARCH PROJECT	UNIVERSITY (YEARS)
Gel Bolanos	Clinical Trial Coordinator	Clinical Trials Unit Medical Oncology	Queensland Health
Diana Lewis	Clinical Trial Coordinator	Clinical Trials Unit Medical Oncology	Queensland Health
Andrea Junghans	Clinical Trial Coordinator	Clinical Trials Unit Medical Oncology	Queensland Health
Leah Hingston	Clinical Trial Coordinator	Clinical Trials Unit Medical Oncology	Queensland Health
Cara Powell	Clinical Trial Coordinator	Clinical Trials Unit Medical Oncology	Queensland Health
Jenna Peckston	Clinical Trial Coordinator	Clinical Trials Unit Medical Oncology	Queensland Health
Jennifer Lonton	Research Development Officer	Clinical Trials Unit Medical Oncology	Queensland Health
Danni Church	Research Administration Officer	Clinical Trials Unit Medical Oncology	Queensland Health
Denise Flynn	Research Administration Officer	Clinical Trials Unit Medical Oncology	Queensland Health

2017 CURRENT RBWH RESEARCH GROUP / DEPARTMENT LED RESEARCH ACTIVITY

RBWH RESEARCH GROUP / DEPARTMENT LEAD RESEARCHERS	COLLABORATIVE RESEARCHERS	RESEARCH PROJECT TITLE
David Wyld (CCS), Matthew Burge (CCS)	Rachel Neale, Vanessa Beesley (QIMR)	PRO-NET: Patient reported outcomes in people with neuroendocrine tumours.
Natasha Roberts (CCS), David Wyld (CCS)	Monika Janda (QUT), Kim Alexander (QUT)	Patient Report Outcomes (PROs) in a medical oncology setting: A low risk project to identify staff perceptions about the use of PRO data in a clinical setting
Zarnie Lwin (CCS)	Alex Broom (UNSW)	Cultural biographies, medical knowledges: A sociological study at the intersection of cancer and culture
Zarnie Lwin (CCS)	Emma Kirby (UNSW)	Informal care and living with glioma
Matthew Burge (CCS)	Euan Walpole (MSHHS)	Prospective evaluation of FOLFIRINOX for metastatic or locally advanced Pancreatic Cancer
Jane Turner (QUT), Brett Hughes (CCS)	IHBI, QUT	Enhances Study: Enhancing Head And Neck Cancer Patient's Experiences of Survivorship
Zarnie Lwin (CCS)	Alex Broom (UNSW), David Sibritt (UTS), Rosemary Harrup (RHH), Deme Karikios (NHMRC), Kay Francis (MOGA)	2016 Australian Medical Oncologist Workforce Survey
Zarnie Lwin (CCS), Alex Broom (UNSW)	David Sibritt (UTS), Rosemary Harrup (RHH), Deme Karikios (NHMRC), Kay Francis (MOGA)	Australian Medical Oncologist Workforce Qualitative Study
Shu Fen Lee (CCS)	Melissa Eastgate (CCS), Matthew Burge (CCS)	Metastatic colorectal cancer in pregnancy: A tertiary center experience and review of the literature
Melissa Eastgate (CCS)	David Wyld (CCS), Darshit Thaker (CCS), Monica Dumbava (CCS) Teresa Brown (Dietetics)	Dietary patterns and preferences/attitudes of cancer patients regarding sources of information about the diet during cancer treatment

RBWH RESEARCH GROUP / DEPARTMENT LEAD RESEARCHERS	COLLABORATIVE RESEARCHERS	RESEARCH PROJECT TITLE
David Wyld (CCS)	Rahul Ladwa (CCS) Paul Klages (Pharmacy), Monica Dumbra (CCS), Timothy Kalas (UQ)	Dose intensity in adjuvant chemotherapy in women over 65 with breast cancer
Zarnie Lwin (CCS)	Emma Kirby (UNSW), Vanessa Bowden (UNSW)	Informal care and living with glioma
Melissa Eastgate (CCS)	Lindy Jeffree (Neurosurgery), Kelly McGrath (CCS) Shu Lee (CCS)	Audit of outcomes of melanoma patients undergoing neurosurgery.
Melissa Eastgate (CCS)	Mathew Burge (CCS), David Wyld (CCS), Padmini Thanayankeezhil (CCS)	Audit of rectal cancers, staging, treatment and immediate outcomes
Rahul Ladwa (CCS)	David Wyld , Matthew Burge (CCS), David Pattison (Nuclear Medicine)	Assessing response to Peptide Receptor Radionuclide Therapy in Neuroendocrine Tumours: Case series of “pseudoprogession”.
Aneta Suder (CCS) Andrew Schmidt (CCS)	Brett Hughes , Zarnie Lwin , Michael Allen (CCS)	Exploring the rate of hospital admissions due to immune therapy toxicities in two tertiary cancer centres
Rahul Ladwa (CCS)	Aimee Hayes (RNSH), Matthew Burge (CCS), Nick Pavlakis (RNSH), David Wyld (CCS)	Management approaches to cardiac metastasis from neuroendocrine tumours
Rahul Ladwa (CCS)	David Wyld , Matthew Burge (CCS), David Pattison (Nuclear Medicine) Nicholas Dowson (CSIRO), Stephen Rose (CSIRO), Jye Smith (Nuclear Medicine), Stephen Goodman (Nuclear Medicine), Steven Williams (Nuclear Medicine),	Predictors of dosimetry and response to peptide receptor radionuclide therapy”
David Wyld (CCS)	Louisa Gordon (QIMR), John Leyden (Unicorn Foundation), Kete Wakelin (Unicorn Foundation), Michael Michael (PMCC) Nicxk Pavlakis (RNSH)	F-NET Project: Financial Outcomes in people with Neuro-Endocrine Tumours.
Matthew Burge (CCS), Paul Thomas (HIRF),	David Wyld (CCS), Melissa Eastgate (CCS), Stephen Rose (CSIRO), Nick O’Rourke (Surgery), Davis Cavallucci (Surgery) Richard Bryant (Surgery).	Imaging the CXCR-4 Chemokine receptor with a novel PET tracer in pancreatic cancer.
Matthew Burge (CCS), Paul Thomas (HIRF), Andrew Stevenson (Surgery)	David Wyld (CCS), Melissa Eastgate (CCS), Stephen Rose (CSIRO), David Clark (Surgery), Craig Harris (Surgery), Damien Petersen (Surgery), David Taylor (Surgery), Carina Chow (Surgery), Paul Tesar (DMI), Michelle Grogan (CCS)	A pilot study of CXCR-4 PET scanning in operable rectal cancer.

RBWH RESEARCH GROUP / DEPARTMENT LEAD RESEARCHERS	COLLABORATIVE RESEARCHERS	RESEARCH PROJECT TITLE
David Wyld (CCS)	Matthew Burge (CCS), Raymond Chan (CCS), Jane Turner (Psychiatry), Patsy Yates (QUT), Melissa Eastgate (CCS), Rachael Neale (QIMR), Vanessa Beesley (QIMR)	PREPARES: Patients and Relatives affected by Pancreatic cancer: Referral, Education and Support feasibility trial
Matthew Burge (CCS)	Melissa Eastgate (CCS), David Wyld (CCS), Shu Lee (CCS)	Analysis of prospectively collected pancreatic cancer patients given folfirinox at RBWH
David Wyld (CCS)	Julie Moore QCCAT, Mark Wan (UQ)	Neuroendocrine Tumours: Epidemiologic trends in Queensland
Manoj Bhatt (Nuc Med)	David Wyld (CCS) Matthew Burge (CCS) Rahul Ladwa (CCS), Peter Garcia (Nuc Med), David Pattison (Nuc Med), Kevin Lee (Nuc Med), Samuel Kyle, Nicholas Dowson, Jye Smith (Nuc Med), Steven Goodman, Stephen Rose.	Pilot project to assess liver metastases by comparing novel, dynamic and static functional imaging, and also morphological imaging with standard of care in WHO Grade I and Grade II Neuroendocrine Tumour (NET).
David Wyld (CCS)	Matthew Burge (CCS) Alex Broom (UNSW) Helen McDade (CCS) Zarnie Lwin (CCS) Emma Kirby (UNSW) Stefanie Plage (UNSW) Annette Cubitt (CCS)	NET: Cancer on the margins: A qualitative study of neuroendocrine patients' experiences of living with rare tumours

2017 COLLABORATIVE RESEARCH ACTIVITY INVOLVING RBWH RESEARCH GROUP / DEPARTMENT

COLLABORATIVE LEAD RESEARCHERS	RBWH RESEARCHERS	RESEARCH PROJECT TITLE
Australasian Gastrointestinal Trials Group	Matthew Burge	INTEGRATE II A Randomised Phase III Double Blind Placebo Controlled Study of regorafenib in Refractory Advanced GastroOesophageal Cancer
Australasian Gastrointestinal Trials Group	Matthew Burge	ACTICCA-1 study: Adjuvant Chemotherapy With Gemcitabine and Cisplatin Compared to Observation After Curative Intent Resection of Cholangiocarcinoma and Muscle Invasive Gall Bladder Carcinoma (ACTICCA-1 Trial)
Australasian Gastrointestinal Trials Group	David Wyld	CONTROL NETS: Phase II multi-arm, randomised open label trial of Lutetium-177 Octreotate peptide receptor radionucleotide therapy, capecitabine/temozolamide chemotherapy, or the combination in the first or second line treatment of low to intermediate grade gastroenteropancreatic neuroendocrine tumours
Walter and Eliza Hall Institute, Colorectal Translational Oncology Group	Matthew Burge	ctDNA in Pancreatic Cancer

COLLABORATIVE LEAD RESEARCHERS	RBWH RESEARCHERS	RESEARCH PROJECT TITLE
Australasian Gastrointestinal Trials Group	Matthew Burge	DOCTOR: A Randomised Phase II Trial of Pre-operative Cisplatin, 5 Fluorouracil and Docetaxel or Cisplatin, 5 Fluorouracil, Docetaxel plus Radiotherapy based on poor early response to standard chemotherapy for resectable adenocarcinoma of the oesophagus and/or OG Junction
Ludwig Institute for Cancer Research	Matthew Burge	Circulating Tumour DNA as a Sensitive and Specific Marker of Response to Therapy and of Occult Disease in Colorectal Cancer - for resectable CRC liver mets pts
Australasian Gastrointestinal Trials Group	Matthew Burge	ATTACHE: A Trial of Timing of Surgery and Adjuvant Chemotherapy for Hepatic Metastases from Colorectal Cancer
Peter MacCallum Cancer Centre	Matthew Burge	Predict IR : The utility of genomics and functional imaging to predict Irinotecan pharmacokinetics and pharmacodynamics
Peter MacCallum Cancer Centre	Matthew Burge	Predict SU : The utility of genomics and functional imaging to predict Sunitinib pharmacokinetics and pharmacodynamics
Australasian Gastrointestinal Trials Group	Matthew Burge	GAP: Phase II study of pre-operative Gemcitabine and Abraxane for resectable Pancreas cancer.
Peter MacCallum Cancer Centre	David Wyld	INTERNET: A phase II study of Everolimus (RAD001) in patients with FDG-PET positive intermediate grade (Ki-67 3-20%) Pancreatic neuroendocrine tumours
Australasian Gastrointestinal Trials Group/ European Organization for Research and Treatment of Cancer	David Wyld	AGITG GIST-STI571- Phase III randomised, intergroup, international trial assessing the clinical activity of STI571 at two dose levels in patient with unresectable or metastatic malignant gastrointestinal stromal tumours (GIST) expressing the KIT receptor Tyrosine Kinase (CD117)
Walter and Eliza Hall Institute	Matthew Burge	DYNAMIC: Circulating Tumour DNA Analysis Informing Adjuvant Chemotherapy in Stage II Colon Cancer
Walter and Eliza Hall Institute	Matthew Burge	Evaluation of temporal dynamics of RAS Mutation emergence in Cell Free DNA (cfDNA) in response to first-line cetuximab anti-EGFR therapy in Patients with Metastatic Colorectal Cancer
Centre for Medical Psychology and Evidence Based Decision Making	Matthew Burge	CHALLENGE: A Phase III study of the impact of a Physical Activity program on Disease-Free Survival in patients with high risk Stage II or Stage III Colon Cancer: a randomised controlled trial (CO.21)
Australasian Gastrointestinal Trials Group/ National Cancer Centre, Singapore	Melissa Eastgate	ASCOLT: Aspirin for Dukes C and high risk Dukes B Colorectal Cancers -- an international, multi--centre, double blind, randomised placebo controlled Phase III trial (AGITG)
Walter and Eliza Hall Institute	Matthew Burge	ctDNA as a Marker of Complete Pathological Response and Long Term Outcome for Locally Advanced Rectal Cancer Treated with Pre-operative Chemoradiotherapy
Ludwig Institute for Cancer Research	Matthew Burge	Circulating Tumour DNA as a Marker of Occult Disease in Stage II Colorectal Cancer and Response to Therapy in Metastatic Colorectal Cancer
Australasian Gastrointestinal Trials Group	Matthew Burge	AGITG SCOT Trial: Short Course Oncology Therapy - A Study of Adjuvant Chemotherapy in Colorectal Cancer

COLLABORATIVE LEAD RESEARCHERS	RBWH RESEARCHERS	RESEARCH PROJECT TITLE
Australasian Gastrointestinal Trials Group/ European Organization for Research and Treatment of Cancer	Matthew Burge	PETACC6- Preoperative chemoradiotherapy and postoperative chemotherapy with capecitabine and oxaliplatin vs. capecitabine alone in locally advanced rectal cancer
Theresa Brown, Department Nutrition and Dietetics, RBWH	Brett Hughes	PEG Study - A randomized comparison of early prophylactic feeding via gastrostomy versus standard care in high risk patients with head and neck cancer
Australia New Zealand Gynaecological Oncology Group	Jeff Goh	VELIA (M13-694) A Phase 3 Placebo Controlled Study of Carboplatin/ Paclitaxel With or Without Concurrent and continuous Maintenance Veliparib in Subjects with Previously Untreated Stages III or IV High Grade Serous Epithelial Ovarian, Fallopian Tube, or Primary Peritoneal Cancer
Australia New Zealand Gynaecological Oncology Group	Alison Hadley	OUTBACK - A PHASE III trial of adjuvant chemotherapy following chemoradiation as primary treatment for locally advanced cervical cancer compared to chemoradiation alone
Australia New Zealand Gynaecological Oncology Group	Jeff Goh	PARAGON: A study to assess the activity of anastrozole, an aromatase inhibitor, in women with oestrogen receptor and/or progesterone receptor positive (ER/PR+ve) and therefore potentially hormone responsive recurrent or metastatic gynaecological cancers
Australia New Zealand Gynaecological Oncology Group	Jeff Goh	OVAR 2.21: A prospective randomized Phase III trial of carboplatin/ gemcitabine/ bevacizumab vs. carboplatin/pegylated liposomal doxorubicin/ bevacizumab in patients with platinum-sensitive recurrent ovarian cancer.
Australia New Zealand Gynaecological Oncology Group	Aneta Suder	Evaluation of Symptom Benefit during Palliative Chemotherapy in Women with recurrent Ovarian Cancer: measuring subjective improvement as well as objective response to estimate the benefit of palliative chemotherapy in women with platinum resistant or refractory ovarian cancer
Australia New Zealand Gynaecological Oncology Group	Jeff Goh	ICON 8: an international trial comparing weekly chemotherapy with 3 weekly chemotherapy for women with ovarian cancer, fallopian tube cancer or primary peritoneal cancer
Australia New Zealand Gynaecological Oncology Group	Jeff Goh	OVAR 16 - A Phase III study to evaluate the efficacy and safety of Pazopanib monotherapy versus placebo in women who have not progressed after first line chemotherapy for epithelial ovarian, fallopian tube or primary peritoneal cancer
Australia New Zealand Urogenital and Prostate Cancer Trials Group	David Wyld	Phase III BEP Trial: A randomised phase 3 trial of accelerated versus standard BEP chemotherapy for participants with intermediate and poor-risk advanced germ cell tumours
Australia New Zealand Urogenital and Prostate Cancer Trials Group	Aneta Suder	ENZAMET Trial: A randomised phase 3 trial of enzalutamide in first line androgen deprivation therapy for metastatic prostate cancer
Hoosier Oncology Group, USA	Jeff Goh	BNC105 Renal: Phase I/II Study of BNC105P in combination with Everolimus or following Everolimus for Progressive Metastatic Clear Cell Renal Cell Carcinoma following prior Tyrosine Kinase Inhibitor

COLLABORATIVE LEAD RESEARCHERS	RBWH RESEARCHERS	RESEARCH PROJECT TITLE
Cooperative Trials Group for Neuro-oncology	Zarnie Lwin	ACED: Randomised phase II study of acetazolamide plus dexamethasone versus dexamethasone alone for management of cerebral oedema in recurrent or progressive high grade gliomas.
Cooperative Trials Group for Neuro-oncology	Zarnie Lwin (CCS), Phillip Chan (CCS)	VERTU - Veliparib, Radiotherapy and Temozolomide trial in Unmethylated MGMT Glioblastoma: A Randomised Phase II study of veliparib + radiotherapy (RT) with adjuvant temozolomide (TMZ) + veliparib versus standard RT + TMZ followed by TMZ in newly diagnosed glioblastoma (GBM) with unmethylated O (6)-methylguanine-DNA methyltransferase
Cooperative Trials Group for Neuro-oncology	Zarnie Lwin	INTELLANCE 2 - ABT-414 alone or ABT-414 plus temozolomide versus lomustine or temozolomide for recurrent glioblastoma: a randomized phase II study of the EORTC Brain Tumor Group
Cooperative Trials Group for Neuro-oncology	Po-Ling Inglis	CATNON:Phase III trial comparing no adjuvant chemotherapy versus adjuvant therapy until progression for anaplastic glioma without 1p/19q loss. An EORTC/NCI-C/ROG/MRC/HUB/ intergroup study
Medical Oncology, Cancer Care Services, RBWH	Michelle Nottage	A prospective study investigating the impact of the definitive chemoradiation in locally and/or regionally advanced squamous cell carcinoma of the skin. CRUST
Australia New Zealand Breast Cancer Trials Group	Michelle Nottage	PALbociclib CoLLaborative Adjuvant Study: A Randomized Phase III Trial of Palbociclib With Standard Adjuvant Endocrine Therapy Versus Standard Adjuvant Endocrine Therapy Alone for Hormone Receptor Positive (HR+) / Human Epidermal Growth Factor Receptor 2 (HER2)-Negative Early Breast Cancer . PALLAS
Australia New Zealand Breast Cancer Trials Group	Po-Ling Inglis	Penelope B: Phase III study evaluating palbociclib (PD-0332991), a Cyclin-Dependent Kinase (CDK) 4/6 Inhibitor in patients with hormone-receptor-positive, HER2-normal primary breast cancer with high relapse risk after neoadjuvant chemotherapy
Kathleen Houston, Sunshine Coast Oncology Research Group	Michelle Nottage	TAPS: Gabapentin for taxane acute pain syndrome - a phase III randomised, placebo-controlled, crossover trial
Australia New Zealand Breast Cancer Trials Group/Breast International Group	Michelle Nottage	TEXT-Bone: A substudy of the TEXT trial to evaluate serial bone markers for bone remodeling, serial growth factors, and bone mineral density
Australia New Zealand Breast Cancer Trials Group/Breast International Group	Michelle Nottage	TEXT: A Phase III Trial Evaluating the Role of Exemestane plus GnRH analogue as Adjuvant Therapy for premenopausal women with endocrine responsive breast cancer
Australia New Zealand Breast Cancer Trials Group/Breast International Group	Michelle Nottage	An International multi-centre study of tamoxifen vs. Anastrozole in postmenopausal women with hormone sensitive ductal carcinoma in situ (DCIS) IBIS II
Australia New Zealand Breast Cancer Trials Group/ECOG-ACrIN	Po-Ling Inglis	TAILORx Program for the Assessment of Clinical Cancer Tests (PACCT-1): Trial Assigning Individualized Options for Treatment: The TAILORx Trial
Australia New Zealand Breast Cancer Trials Group/Breast International Group	Michelle Nottage	Suppression of Ovarian Function Trial (SOFT) A Phase III Trial Evaluating the the Role of Ovarian function Suppression and the Role of Exemestane as Adjuvant therapies for premenopausal women with Endocrine responsive breast cancer

COLLABORATIVE LEAD RESEARCHERS	RBWH RESEARCHERS	RESEARCH PROJECT TITLE
Australia New Zealand Breast Cancer Trials Group/Breast International Group	Michelle Nottage	A phase III study to evaluate Letrozole as adjuvant endocrine therapy for postmenopausal women with receptor (ER and/or PgR) positive tumours
Walter and Eliza Hall Institute	Matthew Burge	Pancreatic cancer: Understanding Routine Practice and Lifting End results (PURPLE) A Prospective Pancreatic Cancer clinical registry
Australia New Zealand Urogenital and Prostate Cancer Trials Group	Jeffrey Goh	KEYPAD: Proposed phase 2 trial of pembrolizumab and denosumab in advanced clear-cell renal cell carcinoma (ccRCC) progressing after a VEGF-TKI
Australia New Zealand Urogenital and Prostate Cancer Trials Group	Jeffrey Goh	UNISoN - anzUp Nivo->Ipi+Nivo Sequential Non-clear cell - Proposed Phase II Sequential Cohort Trial Of Single Agent Nivolumab, Then Combination Ipilimumab + Nivolumab In Metastatic Or Unresectable Non-Clear Cell Renal
Australia New Zealand Urogenital and Prostate Cancer Trials Group	Jeffrey Goh	TheraP: A randomised phase 2 trial of 177 Lu-PSMA617 theranostic versus cabazitaxel in men with progressive metastatic castration resistant prostate cancer
Australia New Zealand Urogenital and Prostate Cancer Trials Group	Natasha Roberts	The Patient Experience of Participating in a Clinical Trial
Cooperative Trials Group for Neuro-oncology	Zarnie Lwin	NUTMEG: A Randomized Phase II Study of Nivolumab and TeMozolomide vs Temozolomide in newly diagnosed Elderly Glioblastoma
Australasian Gastrointestinal Trials Group	Matthew Burge	LIBERATE - phase II study evaluating liquid biopsies to profile metastatic colorectal cancer
Australasian Gastrointestinal Trials Group	Matthew Burge	PIT STUDY: An open label Phase IB/II, non-randomised, dose-escalating, safety, tolerability and pharmacokinetic study of first line Panitumumab, Irinotecan, Trifluridine/tipiracil in RAS wild type patients with metastatic colorectal cancer.
Australasian Gastrointestinal Trials Group	Matthew Burge	A randomised phase 2 study of Panitumumab monotherapy versus fluoropyrimidine and bevacizumab as first line therapy for RAS wild type metastatic colorectal cancer. (MONARCC study)
Australia New Zealand Gynaecological Oncology Group	Jeffrey Goh	Phase II clinical trial of the PARP inhibitor, olaparib, in HR-deficient metastatic breast and relapsed ovarian cancer in patients without germline mutations in BRCA1 and BRCA2: The EMBRACE study.
Melbourne Health	Alison Hadley	NOMINATOR: GENOMIC MATCHING TREATMENT FOR RARE CANCERS Feasibility of performing genomic testing of rare cancers to match the cancer to treatment.
QIMR Berghofer Medical Research Institute	Bryan Day (QIMR), Po Ling Inglis (CCS), Rosalind Jeffree (Neurosurgery)	Novel Therapies for Brain Cancer
University of New South Wales	Zarnie Lwin	The changing landscapes of survivorship: A sociological study of cancer
Medical Oncology, Cancer Care Services, RBWH	Natasha Roberts	Poster Project: A pilot study to describe medical oncology patient perceptions of research

COLLABORATIVE LEAD RESEARCHERS	RBWH RESEARCHERS	RESEARCH PROJECT TITLE
Medical Oncology, Royal Prince Alfred and Concord Hospitals	Melissa Eastgate	i-Tool: Evaluation of a web-based tool for estimating and explaining Prognosis
University of Queensland	Zarnie Lwin	Women's Cancer Project: Understanding and improving social support amongst women with cancer: A qualitative study
Rebecca Mercieca-Bebber (University of Sydney)	Natasha Roberts	Quality of life end-points in clinical trials
Quan Tran, Cancer Care Services TPCH	Brett Hughes, Zarnie Lwin, David Smith, Andrew Schmidt	Identifying perceived barriers to physical activity in patients with lung cancer at two Brisbane-based institutions
Brenton Baguley (UQ), Olivia Wright (UQ), Tina Skinner (UQ), Michael Leveritt (UQ), Kirsten Adlard (UQ),	Aneta Suder (CCS)	Can nutrition therapy with additional high intensity interval training improve cancer-related fatigue and quality of life in men with prostate cancer on androgen deprivation therapy?
Andrew Schmidt (TPCH)	Brett Hughes (CCS), Zarnie Lwin (CCS) Michael Allen (CCS)	Exploring the rate of hospital admissions due to immune therapy toxicities in two tertiary cancer centres.
Kate Roberts (PAH), Ken OByrne (QUT),	Brett Hughes(TPCH CCS), Zarnie Lwin (CCS)	A multi-institutional retrospective audit of patients with metastatic malignancy treated with nivolumab through the Open Access Scheme at the Princess Alexandra Hospital, the Royal Brisbane and Womens' Hospital, and The Prince Charles Hospital
Lisa Guccione (PMCC), Penelope Schofield (Swinburne University), Michael Michael (PMCC), Mustafa Khasraw (RNSH), Timothy Price (TQEH), Nick Pavlakis (RNSH), Megan Rogers (PMCC), Karla Gough (PMCC), Grace Kong (PMCC), Simone Leyden (Unicorn Foundation), John Leyden (Unicorn Foundation)	David Wyld (CCS),	DEFINING NETs - Defining the supportive care needs and psychological morbidity of patients with Functioning versus Non-Functioning Neuroendocrine Tumours (NETs).
Claudia Rutherford (Quality of Life Office, University of Sydney)	Natasha Roberts (CCS/ QUT)	Systematic Review of Quality of Life Measures
University of New South Wales	David Wyld (CCS), Robert Henderson (Neurology)	Peripheral Neuropathy in Chemotherapy-treated Patients: Predictors, Assessment strategies and Functional Outcomes IN FOCUS Study (Identifying Neurological and Functional Outcomes in Cancer Survivors Study)
Australasian Lung Cancer Trials Group	Brett Hughes (CCS), Phillip Chan (CCS)	NIVORAD - A randomised phase 2 trial of nivolumab and stereotactic ablative body radiotherapy in advanced non-small cell lung cancer, progressing after first or second line chemotherapy.

2017 RESEARCH AWARDS AND ACHIEVEMENTS

RECIPIENT	AWARD	EVENT
David Wyld, Ray Chan, Patsy Yates, Jane Turner, Elise Button.	Highly Commended: The Queensland Collaborative for Cancer Survivorship	2017 Metro North Research Excellence Awards – Health Services & Implementation Research

2017 RESEARCH GRANTS - AWARDED

INVESTIGATORS (RBWH STAFF IN BOLD)	RBWH RESEARCH GROUPS / DEPARTMENTS	PROJECT TITLE	GRANTING BODY	AMOUNT IN 2017	TOTAL AMOUNT (YEARS)
Patsy Yates, Kimberly Alexander, Christine Miaskowski, Raymond Chan, Alexandra McCarthy, Steven McPhail, David Wyld, Helen Skerman	Medical Oncology	A sequential multiple assignment randomised trial (SMART) of nursing interventions to reduce pain associated with chemotherapy induced peripheral neuropathy	NHMRC APP1129532	\$178,354.55 (\$59451.00)	
Alex Broom, Emma Kirby, Renata Kokanovic; Jonathan Adams; Zarnie Lwin; David Wyld; Eng-Siew Koh; Paul de Souza; Lisa Woodland	Medical Oncology	Cultural Biographies, Medical Knowledges: A sociological study	Australian Research Council Linkage Grant	\$250,000.00 (\$8333.00)	\$210,000 [ARC]
Benjamin Chua, Bryan Day, Stephen Rose, Paul Thomas, Rosalind Jeffree, Yi Chieh Lim, Po-Ling Inglis, Z Lwin, Jacqui Keller	Medical Oncology, Radiation Oncology	Using molecular-guided PET/MRI imaging to target hypoxia in glioblastoma: A preclinical study to identify novel pathways and define molecular signatures associated with hypoxia and poor patient outcome	Herston Imaging Research Facility Seed Funding		\$66,498 Time frame not specified on Grant
Matthew Burge, Paul Thomas, David Wyld Stephen Rose, Melissa Eastgate, Nick O'Rourke David Cavalluchi, Richard Bryant	Medical Oncology	A study to look at a new way of detecting the spread of pancreas cancer.	Herston Imaging Research Facility Seed Funding		\$58 014 Time frame not specified on Grant
Matthew Burge, Paul Thomas, David Wyld Stephen Rose, Melissa Eastgate, Nick O'Rourke David Cavalluchi, Richard Bryant	Medical Oncology	A Pilot Study of CXCR-4 PET scanning in operable rectal cancer	Herston Imaging Research Facility Seed Funding		\$23 760 Time frame not specified on Grant

INVESTIGATORS (RBWH STAFF IN BOLD)	RBWH RESEARCH GROUPS / DEPARTMENTS	PROJECT TITLE	GRANTING BODY	AMOUNT IN 2017	TOTAL AMOUNT (YEARS)
Matthew Burge	Medical Oncology	MONARCC Study: A randomised Phase 2 study of panitumumab monotherapy versus panitumumab and 5 Fluorouracil as first line treatment for RAS and RAF wild type metastatic colorectal cancer (mCRC).	Australian Gastro-Intestinal Group Innovation Fund	\$33333.00 (\$11,111.00)	2017-2019 \$100,00.00
Alison Hadley	Medical Oncology	NOMINATOR: Genomic matching and treatment for rare cancers - Feasibility of performing genomic testing of rare cancers to match the cancer to treatment	Royal Brisbane and Women's Hospital Foundation Grant	\$38,000.00 (\$12,666.00)	2017
Medical Oncology Clinical Trials Unit	Medical Oncology	Clinical Trials Data Management Grant	Queensland Cancer Fund	\$61151.00 (\$20,383.00)	Oct 2016- Sep 2017 \$81,535.00
Natasha Roberts	Medical Oncology	Patient Reported Outcomes in a Medical Oncology Setting	Royal Brisbane and Women's Hospital Scholarship	\$50,000.00 (\$16,666.00)	2017 \$100,000.00
Natasha Roberts	Medical Oncology	Patient Reported Outcomes in a Medical Oncology Setting	Cancer Preceptorship for Primary Healthcare Providers	\$180.00	2017 \$180.00
Natasha Roberts	Medical Oncology	Patient Reported Outcomes in a Medical Oncology Setting	Diamond Care Grant for the Susan Sudak Day to End Cancers	\$7500.00 (\$2,500.00)	2017
Ray Chan, Brett Hughes	Medical Oncology	Development and evaluation of a nurse-led, tailored self-managing distressing symptoms in patients with advanced cancer (The SM2 Study).	National Health and Medical Research Council APP 1050386	\$39945.00 (\$13,315.00)	2013-2017 199,724.00
Natasha Roberts	Medical Oncology	Australia New Zealand Urogenital and Prostate Cancer ASM	ANZUP Travel Grant	\$550.00	2017 \$550.00
Melissa Eastgate, David Wyld, Matthew Burge, Vicki Whitehall	Medical Oncology	Genomic landscape of BRAF mutant colorectal cancers	RBWH Diamond Cancer Care Grant 2017	\$18,000.00 (\$6000.00)	2017-2018 Financial year \$36,000.00
David Wyld, Matthew Burge, Ray Chan, Jane Turner, Rachael Neale, Vanessa Beesley, Patsy Yates	Medical Oncology	PREPARES: Patients and relatives affected by pancreatic cancer: Referral, Education and Support Feasibility trial.	RBWH Diamond Cancer Care Grant 2017	\$19618.00 (\$6539.00)	2017-2018 Financial year \$39236.00

INVESTIGATORS (RBWH STAFF IN BOLD)	RBWH RESEARCH GROUPS / DEPARTMENTS	PROJECT TITLE	GRANTING BODY	AMOUNT IN 2017	TOTAL AMOUNT (YEARS)
Burge M, Wyld D, Eastgate M, Ahern E, Whitehall V, Dougall B, Smyth B, Teng M	Medical Oncology, QIMR,	Mapping immune infiltrates in colorectal cancer	RBWH Diamond Cancer Care Grant 2017	\$19,320.00 (\$6440.00)	2017-2018 Financial year \$38,640.00
Chan R, Molassiotis A, Yates P, Nasato G, Brown T, Button E, Marshall A, Isenring L, Wyld D, Eastgate M, Gavin N.	Medical Oncology	A Patient-family-Centered intervention to promote Nutrition In advanced Cancer patients: a pilot randomised controlled trial	RBWH Diamond Cancer Care Grant 2017	\$20,000.00 (\$6,666.00)	2017-2018 Financial year \$40,000.00
Natasha Roberts	Medical Oncology	Travel Grant 19th World Congress of Psycho-Oncology	Grant-In-Aid Scholarship QUT	\$2,000.00	2017 \$2,000.00
Natasha Roberts	Medical Oncology	Patient Experience of Clinical Trials Project	ANZUP Nursing and Allied Health Award	\$10 000	2017-2018
Manoj Bhatt (Nuc Med) David Wyld (CCS) Matthew Burge (CCS) Rahul Ladwa (CCS), Peter Garcia (Nuc Med), David Pattison (Nuc Med), Kevin Lee (Nuc Med), Samuel Kyle , Nicholas Dowson, Jye Smith (Nuc Med), Steven Goodman, Stephen Rose.	Nuclear Medicine, Medical Oncology, Herston Imaging Research Facility	Pilot project to assess liver metastases by comparing novel, dynamic and static functional imaging, and also morphological imaging with standard of care in WHO Grade I and Grade II Neuroendocrine Tumour (NET).	Herston Imaging Research Facility Seed Funding	\$38,500	2017-2018
David Wyld	Medical Oncology	F-NET Project: Financial Outcome in people with Neuro-Endocrine Tumours.	Ipsen Pty Ltd Aust.	\$13,000	2017
David Wyld (CCS), Gillian Nasato (CCS)	Medical Oncology	RBWH neuroendocrine tumour Nurse Coordinator	Ipsen Pty Ltd Aust.	\$22,500	June 2107- June 2018 \$45,000

2017 RESEARCH PUBLICATIONS

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal Article	Ahern E, Harjunpaa H, Barkauskas D, Allen S, Takeda K, Yagita H, Wyld D , Dougall WC, Teng MWL, Smyth MJ . Co-administration of RANKL and CTLA4 antibodies enhances lymphocyte-mediated anti-tumor immunity in mice. Clinical Cancer Research June 2017 doi: 10.1158/1078-0432.CCR-17-0606. [Epub ahead of print]
Journal Article	Antonia SJ, Villegas A, Daniel D, Vicente D, Murakami S, Hui R, Yokoi T, Chiappori A, Lee KH, de Wit M, Cho BC, Bourhaba M, r Quantin X, Tokito T, Mekhail T, Planchard D, Kim Y, Karapetis KS, Hiret S, Ostoros G, Kubota K, Gray J, Paz-Ares L, de Castro Carpeño J, Wadsworth C, Melillo G, Jiang H, Huang Y, Dennis PA, Özgüroğlu M, for the PACIFIC Investigators. New England Journal of Medicine online September 8, 2017DOI: 10.1056/NEJMoa1709937 (Hughes B)

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal article	Bartlett JMS, Ahmed I, Regan MM, Sestak I, Mallon EA, Dell'Orto P, Thürlimann B, Seynaeve C, Putter H, Van de Velde CJH, Brookes CL, Forbes JF, Viale G, Cuzick J, Dowsett M, Rea DW on behalf of the Translational Aromatase Inhibitor Overview Group (Trans-AIOG). HER2 status predicts for upfront AI benefit: A TRANS-AIOG meta-analysis of 12,129 patients from ATAC, BIG 1-98 and TEAM with centrally determined HER2. <i>European Journal of Cancer</i> 2017;79: 129-138 (Wyld D/Nottage M)
Journal article	Beesley V L, Janda M, Burmeister E A, Goldstein D, Gooden H, Merrett ND, O'Connell DL, Wyld DK, Chan RJ , Young JM, Neale RE. Association between pancreatic cancer patients' perception of their care coordination and patient-reported and survival outcomes <i>Palliative Support Care</i> . 2017 Jul 3:1-10. doi: 10.1017/S1478951517000608. [Epub ahead of print]
Journal article	Bonaventura A, O'Connell RL, Mapagu C, Beale PJ, McNally OM, Mileshekin LR, Grant PT, Hadley AM, Goh JCH , Sjoquist KM, Martyn J, DeFazio A, Scurry J, Friedlander ML; Paragon Investigators. Paragon (ANZGOG-0903): Phase 2 study of anastrozole in women with estrogen or progesterone receptor-positive platinum-resistant or -refractory recurrent ovarian cancer. <i>International Journal of Gynaecological Cancer</i> . 2017 (5) 900-906
Journal article	Borgquist S, Giobbie-Hurder A, Ahern TP, Garber JE, Colleoni M, L'ang I, Debled M, Ejlertsen B, von Moos R, Smith I, Coates AS, Goldhirsch A, Rabaglio M, Price KN, Gelber RD, Regan MM, Thürlimann B: Cholesterol, cholesterol-lowering medication use, and Breast Cancer Outcome in the BIG 1-98 Study. <i>Journal of Clinical Oncology</i> . 2017. 35(12). 1179-1188 (Nottage M/Wyld D)
Journal article	Bradford NK, Walker R, Henney R, Inglis P , Chan R. Improvements in Clinical Practice for Fertility Preservation Among Young Cancer Patients: Results from Bundled Interventions. <i>J Adolesc Young Adult Oncol</i> . 2017 Sep 21. doi: 10.1089/jayao.2017.0042. [Epub ahead of print]
Journal Article	Brown TE, Wittholz K, Way M, Banks MD, Hughes BG, Lin CY, Kenny LM , Bauer JD. Investigation of p16 status, chemotherapy regimen, and other nutrition markers for predicting gastrostomy in patients with head and neck cancer. <i>Head and Neck</i> 2017. 39(5). 868-875
Journal Article	Brown TE, Banks MD, Hughes BGM, Lin CY, Kenny LM , Bauer JD. Randomised controlled trial of early prophylactic feeding vs standard care in patients with head and neck cancer. <i>British Journal of Cancer</i> . 2017: 117(1): 1-155
Journal Article	Brown T, Banks M, Hughes BGM , Lin C, Kenny LM, Bauer JD. Impact of early prophylactic feeding on long term tube dependency outcomes in patients with head and neck cancer. <i>Oral Oncol</i> . 2017 Sep;72:17-25. doi: 10.1016/j.oraloncology.2017.06.025. Epub 2017 Jul 5. PMID: 28797454
Journal Article	Brown T, Banks M, Hughes BGM , Lin C, Kenny L, Bauer J. Tube feeding during treatment for head and neck cancer - Adherence and patient reported barriers. <i>Oral Oncol</i> . 2017 Sep;72:140-149. doi: 10.1016/j.oraloncology.2017.07.017. Epub 2017 Jul 25 PMID: 28797450
Journal article	Casali PG, Zalcberg J, Le Cesne A, Reichardt P, Blay J-Y, Lindner LH, Judson IR, Schöffski P, Leyvraz S, Italiano A, Grünwald V, Pousa AL, Kotasek D, Sleijfer S, Kerst JM, Rutkowski P, Fumagalli E, Hogendoorn P, Litière S, Marreaud S, van der Graaf W, Gronchi A, Verweij J on behalf of the European Organisation for Research and Treatment of Cancer Soft Tissue and Bone Sarcoma Group, Italian Sarcoma Group, and Australasian Gastrointestinal Trials Group. Ten-year progression-free and overall survival in patients with unresectable or metastatic GI stromal tumors: Long-term analysis of the European Organisation for Research and Treatment of Cancer, Italian Sarcoma Group, and Australasian Gastrointestinal Trials Group Intergroup Phase III randomized trial on imatinib at two dose levels. <i>Journal of Clinical Oncology</i> . 2017 35(15). 1713-1720 (Wyld D)
Journal Article	Chan R, Yates P, Li Q, Komatsu H, Lopez V, Thandar M, Chacko ST, So WKW, Pongthavornkamol K, Yi MS, Pittayapan P, Butcon J, Wyld D , Molassiotis A (2017). Oncology practitioners' perspectives and practice patterns of post-treatment cancer survivorship care in the Asia-Pacific region: whose job is it anyway? Results from the STEP study. <i>BMC Cancer</i> 2017 Nov 6;17(1):715. doi: 10.1186/s12885-017-3733-3..
Journal article	Chan RJ, Northfield S, Larsen E, Mihala G, Ullman A, Hancock P, Marsh N, Gavin N, Wyld D , Allworth A, Russell E, Choudhury MA, Flynn J, Rickard CM. Central venous Access device SeCurement And Dressing Effectiveness for peripherally inserted central catheters in adult acute hospital patients (CASCADE): a pilot randomised controlled trial. <i>Trials</i> . 2017 Oct 4;18(1):458. doi: 10.1186/s13063-017-2207-x.

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Journal Article	Coleman RL, Oza AM, Lorusso D, Aghajanian C, Oaknin A, Dean A, Colombo N, Weberpals JI, Clamp A, Scambia G, Leary A, Holloway RW, Gancedo MA, Fong PC, Goh JC , O'Malley DM, Armstrong DK, Garcia-Donas J, Swisher EM, Floquet A, Konecny GE, McNeish IA, Scott CL, Cameron T, Maloney L, Isaacson J, Goble S, Grace C, Harding TC, Raponi M, Sun J, Lin KK, Giordano H, Ledermann JA, on behalf of the ARIEL3 investigators. Rucaparib maintenance treatment for recurrent ovarian carcinoma after response to platinum therapy (ARIEL3): a randomised, double-blind, placebo-controlled, phase 3 trial. Published Online September 12, 2017 http://dx.doi.org/10.1016/S0140-6736(17)32440-6
Journal article	Fennell LJ, Clendenning M, McKeone DM, Jamieson SH, Balachandran S, Borowsky J, Liu J, Kawamata F, Bond CE, Rosty C, Burge ME , Buchanan DD, Leggett BA, Whitehall VLJ. RNF43 is mutated less frequently in Lynch Syndrome compared with sporadic microsatellite unstable colorectal cancers. <i>Familial Cancer</i> . 2017 Jun 1. doi: 10.1007/s10689-017-0003-0. [Epub ahead of print]
Case report	Flower M, Nandakumar L, Singh M, Wyld D , Windsor M, Fielding D. Respiratory bronchiolitis-associated interstitial lung disease secondary to electronic nicotine delivery system use confirmed with open lung biopsy. <i>Respirol Case Rep</i> . 2017. 5(3) e000230
Journal article	Francis PA. Adjuvant endocrine therapy for premenopausal women: Type and duration. <i>The Breast</i> 34(sup 1) Aug 17 S108-S111 (WyldD/NottageM) SOFT and TEXT studies
Journal article	Gan HK, Reardon DA, Lassman AB, Merrell R, van den Bent M1, Butowski N, Lwin Z , Wheeler H, Fichtel L, Scott AM, Gomez EJ, Fischer J, Mandich H, Xiong H, Lee HJ, Munasinghe WP, Roberts-Rapp LA, Ansell PJ, Holen KD, Kumthekar P. Safety, Pharmacokinetics and Antitumor Response of Depatuxizumab Mafodotin as Monotherapy or in Combination with Temozolomide in Patients with Glioblastoma. <i>Neuro Oncol</i> . 2017 Oct 25. doi: 10.1093/neuonc/nox202. [Epub ahead of print]
Journal article	Gandhi L, Ignatius Ou SH, Shaw AT, Barlesi F, Dingemans AC, Kim DW, Camidge DR, Hughes BGM , Yang JC, de Castro J, Crino L, Léna H, Do P, Golding S, Bordogna W, Zeaiter A, Kotb A, Gadgeel S. Efficacy of alectinib in central nervous system metastases in crizotinib-resistant ALK-positive non-small-cell lung cancer: Comparison of RECIST 1.1 and RANO-HGG criteria. <i>European Journal of Cancer</i> Sep 2017 (82)27-33
Journal article	Gibson A, Broom B, Kirby K, Wyld D , Lwin Z '...My biggest worry now is how my husband is going to cope': Women's relational experiences of cancer 'care' during illness. <i>Journal of Gender Studies (CJGS)</i> Online 3 Jul 17 DOI: 10.1080/09589236.2017.1340154
Journal article	Gibson AF, Broom A, Kirby E, Wyld DK , Lwin Z . The social reception of women with cancer. <i>Qualitative Health Research</i> , 27 7: 983-993. doi:10.1177/1049732316637591
Journal article	Gild ML, Topliss DJ, Learoyd D, Parnis F, Tie J, Hughes B , Walsh JP, McLeod DS, Clifton-Bligh RJ, Robinson BG. Clinical guidance for Radioiodine Refractory Differentiated Thyroid Cancer. <i>Clin Endocrinol (Oxf)</i> . 2017 Nov 2. doi: 10.1111/cen.13508. [Epub ahead of print]
Journal article	Hughes BG , Ahern E , Lehman M, Pratt G , Dauth M, Pritchard W , Wockner L, Horwood K. Concurrent chemoradiation with cisplatin and vinorelbine followed by consolidation with oral vinorelbine in locally advanced non-small cell lung cancer (NSCLC): the phase II CONCAVE study. <i>Asia-Pacific Journal of Clinical Oncology</i> . 201713(3): 137-144
Journal article	Janda M, Neale RE, Klein K, O'Connell DL, Gooden H, Goldstein D, Merrett ND, Wyld DK , Rowlands IJ, Beesley VL. Anxiety, depression and quality of life in people with pancreatic cancer and their carers. <i>Pancreatology</i> . 2017 17(2):321-327
Journal Article	Kenny K, Broom A, Kirby E, Wyld D , Lwin Z . Terminal anticipation: Entanglements of affect and temporality in living with advanced cancer. <i>Subjectivity</i> , 10 4: 374-392. doi:10.1057/s41286-017-0034-x
Case Report	Kevat D, Chen M, Wyld D , Fagermo N, Lust K. A case of pulmonary carcinoid in pregnancy and review of carcinoid tumours in pregnancy. <i>Obstetric Medicine</i> February 5, 2017 DOI: 10.1177/1753495X16687700 [Epub ahead of print]
Journal Article	Kirby E, Broom A, Good P, Bowden V, Lwin Z . Experiences of interpreters in supporting the transition from oncology to palliative care: A qualitative study. <i>Asia Pac J Clin Oncol</i> . 2017 Oct;13(5):e497-e505.

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Journal article	Mason M, Maurice C, McNamara MG, Tieu MT, Lwin Z , Millar BA, Menard C, Laperriere N, Milosevic M, Atenafu EG, Mason W, Chung C. Neutrophil-lymphocyte ratio dynamics during concurrent chemo-radiotherapy for glioblastoma is an independent predictor for overall survival. <i>Journal of Neurooncology</i> . 2017. 132(3):463-471
Journal article	McKeage M, Kotasek D, Markman B, Hidalgo M, Millward M, Jameson M, Harris D, Stagg R, Kapoun A, Xu L, Hughes BGM . A phase 1b study of the anti-cancer stem cell DLL4-binding agent demcizumab with pemetrexed and carboplatin as 1st line treatment of patients with metastatic non-squamous NSCLC. <i>Targeted Oncology</i> 2017 doi.org/10.1007/s11523-017-0543-0.
Journal article	Molassiotis A, Yates P, Li Q, So WKW, Pongthavornkamol K, Pittayapan P, Komatsu H, Thandar M, Li MS, Titus Chacko S, Lopez V, Butcon J, Wyld D , Chan RJ,4; STEP Study Collaborators. Mapping unmet supportive care needs, quality-of-life perceptions and current symptoms in cancer survivors across the Asia-Pacific region: results from the International STEP Study. <i>Ann Oncol</i> . 2017 Oct 1;28(10):2552-2558. doi: 10.1093/annonc/mdx350.
Journal article	Moroney LB, Helios J, Ward EC, Crombie J, Wockner LF, Burns CL, Spurgin AL, Blake C, Kenny L, Hughes BG . Patterns of dysphagia and acute toxicities in patients with head and neck cancer undergoing helical IMRT±concurrent chemotherapy. <i>Oral Oncology</i> . 2017. 64: 1-8
Journal article	Nottage MK, Lin C, Hughes BG, Kenny L , Smith DD, Houston K, Francesconi A . Prospective study of definitive chemoradiation in locally or regionally advanced squamous cell carcinoma of the skin. <i>Head and Neck</i> . 2017 39(4): 679-683
Journal Article	Payne M, Burmeister EA, Waterhouse M, Jordan SJ, O'Connell DL, Merrett ND, Goldstein D, Wyld D , Beesley VL, Gooden H, Janda M, Neale RE. Biliary Stenting in Patients With Pancreatic Cancer: Results From a Population-Based Cohort Study. <i>Pancreas</i> . 2017 Dec 5. doi: 10.1097/MPA.0000000000000960. [Epub ahead of print]
Journal Article	Plage, S, Gibson, A, Burge, M, Wyld, D . (2017). Cancer on the margins: experiences of living with neuroendocrine tumours. <i>Health Sociology Review</i> , 1-15. doi:10.1080/14461242.2017.1387068.
Journal Editorial	Poorvu PD, Partridge AH. Ovarian Suppression for Women Younger Than 35 Years: New Data to Support Informed Decision Making. <i>Journal of Clinical Oncology</i> 1 Jul 17 https://doi.org/10.1200/JCO.2017.73.5662 (WyldD/NottageM) SOFT and TEXT studies
Journal Article	Regan MM, Walley BA, Francis PA, Fleming GF, Colleoni M, Gelber RD, Coates AS, Goldhirsch A, Pagani O, for TEXT and SOFT Investigators. The timing of ovarian function suppression (OFS) with chemotherapy in premenopausal women with endocrine-responsive HER2-negative early breast cancer: a secondary analysis of TEXT and SOFT <i>The Breast</i> 2017 32(1) S28. DOI: http://dx.doi.org/10.1016/S0960-9776(17)30120-0 (WyldD/NottageM)
Journal Article	Regan MM, Walley BA, Francis PA, Fleming GF, Lang I, Gomez HL, Colleoni M, Tondini C, Pinotti G, Salim M, Spazzapan S, Parmar V, Ruhstaller T, Abdi EA, Gelber RD, Coates AS, Goldhirsch A, Pagani O. Concurrent and sequential initiation of ovarian function suppression with chemotherapy in premenopausal women with endocrine-responsive early breast cancer: an exploratory analysis of TEXT and SOFT. <i>Annals of Oncology</i> 2017; 28:2225-2232 (epub 29/07/17).
Journal article	Roberts K, Culleton V, Lwin Z , O'Byrne K, Hughes B . Immune checkpoint inhibitors: navigating a new paradigm of treatment toxicities. <i>Asia Pacific Journal of Oncology</i> . 13(4) Aug 2017 277-288
Journal article	Roncolato FT, Joly F, O'Connell R, Lanceley A, Hilpert F, Buizen L, Okamoto A, Aotani E, Pignata S, Donnellan P, Oza A, Avall-Lundqvist E, Berek JS, Heitz F, Feeney A, Berton-Rigaud D, Stockler MR, King M, Friedlander M; GClG Symptom Benefit group. Reducing Uncertainty: Predictors of Stopping Chemotherapy Early and Shortened Survival Time in Platinum Resistant/Refractory Ovarian Cancer-The GClG Symptom Benefit Study <i>The Oncologist</i> 2017 vol. 22 no. 9 1117-1124 (Hadley A/GohJ)
Journal article	Saha P, Regan MM, Pagani O, Francis PA, Walley BA, Ribí K, Bernhard J, Luo W, Gómez HL, Burstein HJ, Parmar V, Torres R, Stewart J, Bellet M, Perelló A, Dane F, Moreira A, Vorobiof D, Nottage M , Price KN, Coates AS, Goldhirsch A, Gelber RD, Colleoni M, Fleming GF, SOFT; TEXT Investigators; International Breast Cancer Study Group. Treatment Efficacy, Adherence, and Quality of Life Among Women Younger Than 35 Years in the International Breast Cancer Study Group TEXT and SOFT Adjuvant Endocrine Therapy Trials. <i>Journal of Clinical Oncology</i> 35(27) Sep 2017 3113-3122

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal article	Spigel D, et al. Results from the Phase III Randomised Trial of Onartuzumab plus Erlotinib versus Erlotinib in previously treated Stage IIIb or IV Non-small Cell Lung Cancer: METLung. <i>J Clin Oncol</i> 2017; 35:412-420. <i>Journal of Clinical Oncology</i> 35, No 4 (Feb 2017) (Hughes B)
Journal article	Thaker DA, Douglas E , Blazak J, Xu W, Hughes B, Burge M , Steinke K, Wyld D . An analysis of incidental and symptomatic pulmonary embolism (PE) in medical oncology patients. <i>Asia Pac J Clin Oncol</i> . 2017 Jun;13(3):243-248. doi: 10.1111/ajco.12650. Epub 2016 Dec 14
Journal article	van den Bent MJ, Baumert B, Erridge SC, Vogelbaum MA, Nowak AK, Sanson M, Brandes AA, Clement PM, Baurain JF, Mason WP, Wheeler H, Chinot OL, Gill S, Griffin M, Brachman DG, Taal W, Rudà R, Weller M, McBain C, Reijneveld J, Enting RH, Weber DC, Lesimple T, Clenton S, Gijtenbeek A, Pascoe S, Herrlinger U, Hau P, Dhermain F, van Heuvel I, Stupp R, Aldape K, Jenkins RB, Dubbink HJ, Dinjens WMN, Wesseling P, Nuyens S, Golfinopoulos V, Gorlia T, Wick W, Kros JM. Interim results from the CATNON trial (EORTC study 26053-22054) of treatment with concurrent and adjuvant temozolomide for 1p/19q non-co-deleted anaplastic glioma: a phase 3, randomised, open-label intergroup study. <i>The Lancet</i> Published online August 8, 2017 http://dx.doi.org/10.1016/S0140-6736(17)31442-3 (Z Lwin)
Journal article	van den Bent M, Gan HK, Lassman AB, Kumthekar P, Merrell R, Butowski N, Lwin Z , Mikkelsen T, Nabors LB, Papadopoulos KP, Penas-Prado M, Simes J, Wheeler H, Walbert T9, Scott AM, Gomez E, Lee HJ, Roberts-Rapp L, Xiong H, Bain E, Ansell PJ, Holen KD, Maag D, Reardon DA. Efficacy of depatuxizumab mafodotin (ABT-414) monotherapy in patients with EGFR-amplified, recurrent glioblastoma: results from a multi-center, international study. <i>Cancer Chemother Pharmacol</i> . 2017 Dec;80(6):1209-1217. 2017 Oct 26. doi: 10.1007/s00280-017-3451-1. [Epub ahead of print]
Journal article	Wasan HS1, Gibbs P2, Sharma NK3, Taieb J4, Heinemann V5, Ricke J6, Peeters M7, Findlay M8, Weaver A9, Mills J10, Wilson C11, Adams R12, Francis A13, Moschandreass J14, Virdee PS14, Dutton P14, Love S14, GebSKI V15, Gray A16; FOXFIRE trial investigators; SIRFLOX trial investigators; FOXFIRE-Global trial investigators, van Hazel G17, Sharma RA18. Collaborators: Adams R, Bateman A, Blesing C, Brown E, Chau I, Cummins S, Cunningham D, Falk S, Hadaki M, Hall M, Hickish T, Hornbuckle J, Lofts F, Lowndes S, Mayer A, Metcalfe M, Middleton G, Mills J, Montazeri A, Muirhead R, Polychronis A, Purcell C, Ross P, Sharma RA, Sherwin L, Smith D, Soomal R, Swinson D, Walther A, Wasan H, Weaver A, Wilson C, Wilson G, Amin P, Angelelli B, Balosso J, Beny A, Bloomgarden D, Boucher E, Brown M, Bruch HR, Bui J, Burge M , Cardaci G, Carlisle J, Chai S, Chen YJ, Chevallier P, Chuong M, Clarke S, Coveler A, Craninx M, Delanoit T, Deleporte A, Eliadis P, Facchini F, Ferguson T, Ferrante M, Findlay M, Frenette G, Frick J, Ganju V, Garofalo M, Geboes K, Gehbauer G, George B, Geva R, Gibbs P, Gordon M, Gregory K, Gulec S, Hannigan J, van Hazel G, Heching N, Heinemann V, Helmberger T, Hendlisz A, Hendrickx K, Holtzman M, Isaacs R, Jackson C, James P, Kaiser A, Karapetis C, Kaubisch A, Ko YD, Kröning H, Lammert F, Liauw W, Limentani S, Louafi S, de Man M, Margolis J, Martin R, Martoni A, Marx G, Matos M, Monsaert E, Moons V, Nott L, Nusch A, O'Donnell A, Ozer H, Padia S, Pavlakis N, Peeters M, Perez D, Pluntke S, Polus M, Powell A, Pracht M, Price T, Ransom D, Rebischung C, Ricke J, Ridwelski K, Riera-Knorrenschild J, Riess H, Rilling W, Robinson B, Rodríguez J, Sanchez F, Sauerbruch T, Savin M, Scheidhauer K, Schneiderman E, Seeger G, Segelov E, Schmueli ES, Shani A, Shannon J, Sharma N, Shibata S, Singhal N, Smith D, Smith R, Stemmer S, Stötzer O, Strickland A, Taieb J, Tatsch K, Terrebbonne E, Tichler T, Vehling-Kaiser U, Vera-Garcia R, Vogl T, Walpole E, Wang E, Whiting S, Wolf I, Ades S, Aghmesheh M, Angelelli B, Auber M, Ayala H, Beny A, Bloomgarden D, Boland P, Bouche E, Bowers C, Bremer C, Bui J, Burge M, Carlisle J, Casado AR, Chai S, Chuong M, Cooray P, Crain M, De Wit M, Deleporte A, Dowling K, Durand A, Facchini F, Faivre S, Feeney K, Ferguson T, Ferru A, Findlay M, Fragoso M, Frenette G, Frick J, Ganju V, Geva R, Gibbs P, Granetto C, Hammel P, van Hazel G, Heching N, Hendlisz A, Hendrickx K, Holtzman M, Issacs R, Iyer R, Jackson C, Kaiser A, Kaubisch A, Kim YH, Kröning H, Liang JT, Lim L, Limentani S, Liu JH, Louafi S, de Man M, Masi G, Matos M, Monsaert E, Mosconi S, Nott L, Numico G, O'Donnell A, Peeters M, Polus M, Pracht M, Ratner L, Rebischung C, Sae-Won H, Sanchez F, Shani A, Sharma N, Singh M, Singhal N, Smith D, Stoltzfus P, Strickland A, Taieb J, Tan I, Terrebbonne E, Tichler T, Trogu A, Underhill C, Vera-Garcia R, Walpole E, Wang E, Westcott M. First-line selective internal radiotherapy plus chemotherapy versus chemotherapy alone in patients with liver metastases from colorectal cancer (FOXFIRE, SIRFLOX, and FOXFIRE-Global): a combined analysis of three multicentre, randomised, phase 3 trials. <i>Lancet Oncology</i> S1470-2045(17)30457-6. 3 Aug 2017

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal article	Weischenfeldt KLH, Kirkegaard T, Rasmussen BB, Giobbie-Hurder A, Jensen M, Ejlertsen B, Lykkesfeldt AE. A high level of oestrogen-stimulated proteins selects breast cancer patients treated with adjuvant endocrine therapy with good prognosis. E-published Acta Oncol 2017 May 10 BIG1-98 (Wyld D/Nottage M)
Journal article	Weller M1, Butowski N2, Tran DD3, Recht LD4, Lim M5, Hirte H6, Ashby L7, Mechtler L8, Goldlust SA9, Iwamoto F10, Drappatz J11, O'Rourke DM12, Wong M13, Hamilton MG14, Finocchiaro G15, Perry J16, Wick W17, Green J18, He Y18, Turner CD18, Yellin MJ18, Keler T18, Davis TA18, Stupp R19, Sampson JH20; ACT IV trial investigators.Collaborators: Butowski N, Campian J, Recht L, Lim M, Ashby L, Drappatz J, Hirte H, Iwamoto F, Mechtler L, Goldlust S, Becker K, Barnett G, Nicholas G, Desjardins A, Benkers T, Wagle N, Groves M, Kesari S, Horvath Z, Merrell R, Curry R, O'Rourke J, Schuster D, Wong M, Mrugala M, Jensen R, Trusheim J, Lesser G, Belanger K, Sloan A, Purov B, Fink K, Raizer J, Schulder M, Nair S, Peak S, Perry J, Brandes A, Weller M, Mohile N, Landolfi J, Olson J, Finocchiaro G, Jennens R, DeSouza P, Robinson B, Crittenden M, Shih K, Flowers A, Ong S, Connelly J, Hadjipanayis C, Giglio P, Mott F, Mathieu D, Lessard N, Sepulveda SJ, Lövey J, Wheeler H, Inglis PL , Hardie C, Bota D, Lesniak M, Portnow J, Frankel B, Junck L, Thompson R, Berk L, McGhie J, Macdonald D, Saran F, Soffietti R, Blumenthal D, André de SBCM, Nowak A, Singhal N, Hottinger A, Schmid A, Srkalovic G, Baskin D, Fadul C, Nabors L, LaRocca R, Villano J, Paleologos N, Kavan P, Pitz M, Thiessen B, Idbaih A, Frenel JS, Domont J, Grauer O, Hau P, Marosi C, Sroubek J, Hovey E, Sridhar PS, Cher L, Dunbar E, Coyle T, Raymond J, Barton K, Guarino M, Raval S, Stea B, Dietrich J, Hopkins K, Erridge S, Steinbach JP, Pineda LE, Balana QC, Sonia Del BB, Wenczl M, Molnár K, Hideghéty K, Lossos A, Myra van L, Levy A, Harrup R, Patterson W, Lwin Z , Sathornsumetee S, Lee EJ, Ho JT, Emmons S, Duic JP, Shao S, Ashamalla H, Weaver M, Lutzky J, Avgeropoulos N, Hanna W, Nadipuram M, Cecchi G, O'Donnell R, Pannullo S, Carney J, Hamilton M, MacNeil M, Beaney R, Fabbro M, Schnell O, Fietkau R, Stockhammer G, Malinova B, Odrázka K, Sames M, Miguel Gil G, Razi E, Lavrenkov K, Castro G, Ramirez F, Baldotto C, Viola F, Malheiros S, Lickliter J, Gauden S, Dechaphunkul A, Thaipisuttikul I, Thotathil Z, Ma HI, Cheng WY, Chang CH, Salas F, Dietrich PY, Mamot C, Nayak L, Nag S. Rindopepimut with temozolomide for patients with newly diagnosed, EGFRvIII-expressing glioblastoma (ACT IV): a randomised, double-blind, international phase 3 trial. Lancet Oncol. 2017 Aug 22. Online DOI: http://dx.doi.org/10.1016/S1470-2045(17)30619-8
Journal article	Young A, Ngiow S, Madore J, Reinhardt J, Landsberg J, Chitsazan A, Rautela J, Bald T, Barkauskas DS, Ahern E , Huntington ND, Schadendorf D, Long GV, Boyle GM, Hölzel M, Scolyer RA, Smyth MJ. Targeting Adenosine in BRAF-Mutant Melanoma Reduces Tumor Growth and Metastasis. Cancer Res. 2017 Sep 1;77(17):4684-4696

2017 CONFERENCE PRESENTATIONS – INVITED SPEAKER, ORAL AND POSTER:

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
International faculty and invited guest speaker	Lwin Z . A Qualitative Study of Medical Oncologists' Experiences of Their Profession and Workforce Sustainability. Japanese Society of Medical Oncology Annual Meeting, Kobe, Japan July 2017
International faculty and invited guest speaker	Lwin Z . A Qualitative Study of Medical Oncologists' Experiences of Their Profession and Workforce Sustainability. Singapore Society of Medical Oncology Annual Meeting, Singapore, July 2017
International faculty and invited guest speaker	Lwin Z . ISNO Debate: FOR THE MOTION – have molecular information provided meaningful benefit in glioma? Indian Society of Neuro-oncology Annual Scientific Meeting, Bangalore, India March 2017
Invited Speaker	Lwin Z Treatment challenges in vulnerable patients. COGNO (Co-operative Trials Group for Neurooncology) ASM Melbourne 2017.

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
Invited speaker	Wyld D . Theranostics for NETs tumours Brisbane Cancer Conference 23-24 Nov 2017
Invited speaker	Wyld D . Cancer on the Margins: Experiences of Living with Neuroendocrine Tumours. Brisbane Cancer Conference 23-24 Nov 2017
Invited speaker	Wyld D . Brisbane Neuroendocrine Tumour patient Forum, for the Unicorn Foundation. Cancer Council Queensland, 4 Sept 2017
Invited speaker	Wyld D . Cancer on the Margins: Experiences of Living with Neuroendocrine Tumours. Brisbane Cancer Conference 23-24 Nov 2017
Invited speaker	Wyld D . Brisbane Neuroendocrine Tumour patient Forum, for the Unicorn Foundation. Cancer Council Queensland, 4 Sept 2017
Oral presentation	Ahern E . Immunotherapy in solid tumours. 26th Annual RBWH Healthcare Symposium 12-14 Sep 17
Oral Presentation	Burge ME , Lee B, Lee M, Wong R, Parente P, Desai J, Tran B, Nott LM, Shapiro JD, Richardson GE, Zimet AS, Gibbs P. Impact of clinical and molecular features on risk of recurrence following curative intent resection of metastases in metastatic colorectal cancer. Gastrointestinal Cancers Symposium, ASCO Jan 2017
Oral Presentation	Burge M, Wyld D, Eastgate M , Campbell L, Mckenzie A , O'Rourke N, Cavallucci D, Bryant R, Thomas P. 68Gallium-Pentixafor PET/CT for imaging of pancreatic adenocarcinoma: A prospective pilot study. RBWH Cancer Care Services Research retreat. Brisbane 2 Nov 17
Oral Presentation	Chan R, Yates P, Li Q, Komatsu H, Lopez V, Thandar M, Titus Chacko S, So W, Pongthavornkamo K, Yi M, Pittayapan P, Butcon J, Wyld D , Molassiotis A. Oncology practitioners' perspectives of survivorship care provision in the Asia-pacific Region. ICCN 2017, Anaheim California July 9-12 2017.
Oral Presentation	Chan RJ, Yates P, Wyld D , Li Q, So WKW, Pongthavornkamol K, Pittayapan P, Komatsu H, Thandar M, Li M-S, Titus Chacko S, Lopez V, Butcon J, Molassiotis A. Mapping unmet supportive care needs, quality of life perceptions and symptom burden in 1,748 cancer survivors across the Asia-Pacific region: Findings from the STEP Study. RBWH Cancer Care Services Research retreat. Brisbane 2 Nov 17
Oral Presentation	Coleman R, Oza AM, Lorusso D, Aghajanian C, Oaknin A, Dean A, Colombo N, Weberpals JJ, Clamp A, Scambia G, Leary A, Holloway RW, Gancedo MA, Fong PC, Goh JC , O'Malley DM, Armstrong DK, Garcia-Donas J, Swisher EM, Floquet A, Konecny GE, McNeish IA, Scott CL, Cameron T, Maloney L, Isaacson J, Goble S, Grace C, Harding TC, Raponi M, Sun J, Lin LK, Giordano H, Ledermann JA, on behalf of the ARIEL3 investigators. Rucaparib maintenance treatment for recurrent ovarian carcinoma after response to platinum therapy (ARIEL3): a randomised, double-blind, placebo-controlled, phase 3 trial. RBWH Cancer Care Services Research retreat. Brisbane 2 Nov 17
Oral Presentation	Curley C, Wyld D , Chan P. Update on departmental investigator driven trials throughout the last year. Cancer Care Services Research retreat. Brisbane 2 Nov 17. RBWH Cancer Care Services Research retreat. Brisbane 2 Nov 17
Oral Presentation	Fong L, Forde P, Powderly II J, Goldman J, Nemunaitis J, Luke J, Hellmann M, Kummar S, Doebele R, Mahadevan D, Gadgeel S, Hughes B , Markman B, Riese M, Brody J, Emens L, McCaffery I, Miller R, Laport G. Safety and clinical activity of adenosine A2a receptor (A2aR) antagonist, CPI-444 in anti-PD (L)1 treatment-refractory renal cell and non-small cell lung cancer patients. American Society of Clinical Oncology ASM Jun 2017
Oral Presentation	Goh J , Update on the management of advanced RCC. Brisbane Cancer Conference 23-24 Nov 2017
Oral Presentation	Hughes B . Updates on systemic therapy in Head and Neck cancer. Brisbane Cancer Conference 23-24 Nov 2017
Oral Presentation	Ladwa R, Wyld D , Pattison DA, Burge M , Dowson N, Rose S, Smith J, Goodman S, Williams S. Predictors of dosimetry and response to peptide receptor radionuclide therapy.
Oral Presentation	Lassman AB, ven den Bent M, Gan HK, Reardon D, Kumthekar P, Butowski N, Lwin Z , Mikkelsen T, Nabors LB, Papadopoulos KP, Penas-Prado M, Simes J, Wheeler H, Gomez E, Lee H-J, Roberts-Rapp L, Xiong H, Bain E, Maag D, Merrell R. Efficacy analysis of ABT-414 +/- Temozolomide in EGFR-amplified, recurrent glioblastoma from a multicentre, international Phase I clinical trial. American Society of Clinical Oncology ASM, Chicago, USA May 2017

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
Oral Presentation	Lassman AB, ven den Bent M, Gan HK, Reardon D, Kumthekar P, Butowski N, Lwin Z , Mikkelsen T, Nabors LB, Papadopoulos KP, Penas-Prado M, Simes J, Wheeler H, Gomez E, Lee H, Roberts-Rapp L, Xiong H, Bain E, Maag D, Merrell R. Efficacy analysis of ABT-414 +/- Temozolomide in EGFR-amplified, recurrent glioblastoma from a multicentre, international Phase I clinical trial. Asian Society of Neurooncology Annual Scientific Meeting, Osaka, Japan Oct 2017
Oral Presentation	Lassman AB, ven den Bent M, Gan HK, Reardon D, Kumthekar P, Butowski N, Lwin Z , Mikkelsen T, Nabors LB, Papadopoulos KP, Penas-Prado M, Simes J, Wheeler H, Gomez E, Lee H, Roberts-Rapp L, Xiong H, Bain E, Maag D, Merrell R. Efficacy analysis of ABT-414 +/- Temozolomide in EGFR-amplified, recurrent glioblastoma from a multicentre, international Phase I clinical trial. Co-operative Group of Neuro-Oncology Annual Scientific Meeting, Melbourne, Australia Oct 2017
Oral Presentation	Lee B, Cohen J, Lipton LR, Tie J, Javed AA, Li L, Goldstein D, Cooray C, Nagrial A, Burge ME , Tebbutt NC, Nikfarjam M, Harris M, O'Broin-Lennon AM, Wolfgang CL, Tomasetti C, Papadopoulos N, Kinzler KW, Vogelstein B, Gibbs P. Potential role of circulating tumor DNA (ctDNA) in the early diagnosis and post-operative management of localised pancreatic cancer. American Society of Clinical Oncology ASM May 2017
Oral Presentation	Lee B, Mendis S, Lee M, Wong R, Kosmider S, Shapiro JD, Yip D, Steel SA, Nott LM, Jennens R, Lipton LR, Burge ME , Ananda S, Gibbs P. Left versus right sided colorectal cancer: Teasing out drivers of disparity in outcomes in metastatic disease. Gastrointestinal Cancers Symposium, American Society of Clinical Oncology Jan 2017
Oral Presentation	Michael M, Liauw W, McLachlan S-A, Link E, Matera A, Thompson M, Jefford M, Hicks RJ, Cullinane C, Campbell I, Beale PJ, Karapetis CS, Price T, Burge ME . The utility of genomics and functional imaging to predict irinotecan pharmacokinetics and pharmacodynamics: The PREDICT IR study. American Society of Clinical Oncology ASM May 2017
Oral Presentation	Molassiotis A, Yates P, Li Q, So W, Pongthavornkamo K, Pittayapan P, Komatsu H, Thandar M, Yi M, Titus Chacko S, Butcon J, Wyld D , Chan R. Unmet care needs of cancer survivors in 9 Asia-pacific countries: Results from the STEP Study. ICCN 2017, Anaheim California, July 9-12 2017.
Oral Presentation	Price TJ, Karapetis CS, Padbury R, Burge ME , Roy AC, Maddern G, Roder D, Piantadosi C, Townsend AM. Bevacizumab and its impact on survival for patients receiving subsequent anti-EGFR therapy: Updated results from the SA metastatic CRC registry. American Society of Clinical Oncology ASM May 2017
Oral Presentation	Price TJ, Karapetis CS, Roy AC, Padbury R, Maddern G, Roder D, Piantadosi C, Burge ME , Townsend AR. Bevacizumab and its impact on survival for patients receiving subsequent ANTI-EGFR therapy: Results from the South Australian metastatic colorectal cancer registry. Gastrointestinal Cancers Symposium, American Society of Clinical Oncology Jan 2017
Oral Presentation	Roberts K, Mason R , Lwin Z , Jain V, Hughes B , O'Byrne K. Outcomes of Nivolumab in metastatic NSCLC patients via the access program across multiple tertiary oncology centres. Medical Oncology Group of Australia, ASM, Melbourne, Australia. Aug 2017
Oral Presentation	Roberts N , Janda M, Alexander K, Wyld D . Understanding Staff needs when implementing Patient Reported Outcomes (PROs) in the clinical setting: A Qualitative Study. 19th World Congress of Psycho-Oncology Berlin Aug 2017
Oral Presentation	Roberts N , Janda M, Alexander K, Wyld D . Patient Reported Outcomes (PROs) in Clinical Practice: A Scoping Review of Reviews, Systematic Review and Meta-Analysis of the Research. 19th World Congress of Psycho-Oncology Berlin Aug 2017
Oral Presentation	Ladwa R , Wyld D , Pattison DA, Burge M , Dowson N, Rose S, Smith J, Goodman S, Williams S. Predictors of dosimetry and response to peptide receptor radionuclide therapy.
Oral Presentation	Suder A , Update on management of advanced urothelial/ bladder cancers. Brisbane Cancer Conference 23-24 Nov 2017
Oral Presentation	Wyld D , Gunawan B , Button E , Bates T , Nasato G . Unplanned Admissions To The Medical Oncology Unit at the Royal Brisbane & Women's Hospital – An Analysis of Emergency Presentations. RBWH Healthcare Symposium 12-14 Sept 2017
Oral Presentation	Wyld D , Burge M , Lwin Z , McDade H , Cubitt A , Broom A, Plage A, Gibson A. How long is the piece of string? How patients negotiate the uncertainties of a Neuroendocrine Tumour diagnosis. RBWH Healthcare Symposium 12-14 Sept 2017.

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
Oral Presentation	Wyld DK , Wan M H, Moore J. Neuroendocrine Neoplasm Trends over 32 Years in Queensland, Australia. 9-10 March, 2017. European Neuroendocrine Tumour Society 14th Annual Conference, At Barcelona, Spain
Oral Presentation	Wyld D , Plage S, Burge M , Broom A, Lwin Z , McDade H , Cubitt A . ‘How long is the piece of string?’ – How patients negotiate the uncertainties of a Neuroendocrine tumour diagnosis Cancer Survivorship 2017, February 2 - 3, 2017 Adelaide Convention Centre
Oral Presentation	Wyld D , Plage S, Burge M , Broom A, Lwin Z , McDade H , Cubitt A . ‘How long is the piece of string?’ – How patients negotiate the uncertainties of a Neuroendocrine tumour diagnosis Cancer Survivorship 2017, 26th Annual RBWH Healthcare Symposium – 12-14/09/2017 – Brisbane, Australia
Oral Presentation	Wyld D , Plage S, Burge M , Broom A, Lwin Z , McDade H , Cubitt A . ‘How long is the piece of string?’ – How patients negotiate the uncertainties of a Neuroendocrine tumour diagnosis Cancer Survivorship 2017, Brisbane Cancer Conference – 23-24/11/2017 – Brisbane, Australia
Oral Presentation	Wyld D, Plage S, Burge M, Broom A, Lwin Z, McDade H, Cubitt A. ‘How long is the piece of string?’ – How patients negotiate the uncertainties of a Neuroendocrine tumour diagnosis Cancer Survivorship 2017, RBWH Annual Scientific Symposium 2017
Poster presentation	de Bono J, Piulats J, Gross-Goupil M, Goh JC , Ojamaa K, Hoimes C, Vaishampayan U, Berger R, Sezer A, De Wit R, Drake C, Wu H, Poehlein P, Antonarakis ES. KEYNOTE-199: Phase 2 Nonrandomized Study of Pembrolizumab in Patients With PD-L1–Positive and PD-L1–Negative Metastatic Castration-Resistant Prostate Cancer. The Society for Immunotherapy of Cancer 32nd Annual Meeting & Pre-Conference Programs November 8-12, 2017 Maryland. USA
Poster presentation	Huang M, Nakagaki M, Burge M . Does Palonosetron Sufficiently Prevent Chemotherapy-Induced Nausea and Vomiting? An Audit. Society of Hospital Pharmacists Australia, Queensland Branch Symposium Gold Coast Jul 2017
Poster presentation	Huang M, Nakagaki M, Burge M . Does Palonosetron Sufficiently Prevent Chemotherapy-Induced Nausea and Vomiting? An Audit. RBWH Cancer Care Services Research Retreat. Brisbane 2 Nov 17
Poster presentation	Lassman AB, ven den Bent M, Gan HK, Reardon D, Kumthekar P, Butowski N, Lwin Z , Mikkelsen T, Nabors LB, Papadopoulos KP, Penas-Prado M, Simes J, Wheeler H, Gomez E, Lee H-J, Roberts-Rapp L, Xiong H, Bain E, Maag D, Merrell R. Efficacy analysis of ABT-414 +/- Temozolomide in EGFR-amplified, recurrent glioblastoma from a multicentre, international Phase I clinical trial. Best of ASCO Singapore July 2017
Poster presentation	Lassman AB, ven den Bent M, Gan HK, Reardon D, Kumthekar P, Butowski N, Lwin Z , Mikkelsen T, Nabors LB, Papadopoulos KP, Penas-Prado M, Simes J, Wheeler H, Gomez E, Lee H-J, Roberts-Rapp L, Xiong H, Bain E, Maag D, Merrell R. Efficacy analysis of ABT-414 +/- Temozolomide in EGFR-amplified, recurrent glioblastoma from a multicentre, international Phase I clinical trial. American Society of Clinical Oncology ASM, Chicago, USA May 2017
Poster presentation	Mason R , Caldwell R , Feng S , Inglis P , Andelkovic V, McGrath M, McCaffrey M, O’Byrne K. Neurological complications following treatment with Anti-PD1 immune checkpoint inhibitors. IASLC 18th World Conference on Lung Cancer 15-18 October 2011 Yokohama, Japan.
Poster presentation	Roberts K, Mason R , Lwin Z , Jain V, Hughes B, O’Byrne K. Outcomes of Nivolumab in metastatic NSCLC patients via the access program across multiple tertiary oncology centres. Medical Oncology Group of Australia, ASM, Melbourne, Australia
Poster presentation	Roberts K, Mason R , Lwin Z , Jain V, Hughes B , O’Byrne K. Outcomes of Nivolumab in metastatic NSCLC patients via the access program across multiple tertiary oncology centres. World Conference on Lung Cancer, Yokohama, November 2017
Poster presentation	Roberts N , Wyld D . Patient Reported Outcomes in a Medical Oncology Setting. Australia New Zealand Urogenital and Prostate Oncology Clinical Trials Group ASM, Melbourne, Jul 2017.
Poster presentation	Roberts N , Cubitt A , Western R , Keller J . Patient Understanding of Research in an Oncology Setting. Royal Brisbane and Women’s Hospital Research Symposium, Brisbane, September 2017.
Poster presentation	Roberts N , Wyld D . Patient Reported Outcomes in a Medical Oncology Setting: A Protocol. Royal Brisbane and Women’s Hospital Research Symposium, Brisbane, September 2017.
Poster presentation	Roberts N , Wyld D . A Pilot Study Protocol for Implementing Patient Reported outcomes in Clinical Practice. RBWH Cancer Care Services Research Retreat. Brisbane 2 Nov 17

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
Poster presentation	Tie J, Cohen J, Wang Y, Li L, Kinde I, Elsaleh H, Wong R, Kosmider S, Yip D, Lee M, Tran B, Burge ME , Goldstein D, Singh MS, Diaz LA, Tomasetti C, Papadopoulos N, Kinzler KW, Vogelstein B, Gibbs P. The potential of circulating tumor DNA (ctDNA) to guide adjuvant chemotherapy decision making in locally advanced rectal cancer (LARC). American Society of Clinical Oncology ASM May 2017
Poster presentation	Schmidt A, Goh JC , Bhatt M, Thomas P, Suder A . The CHAPPP study: Changing care with PSMA-PET for prostate cancer—A retrospective study of the role of PSMA imaging in altering treatment pathways. Genitourinary Cancers Symposium. American Society of Clinical Oncology Feb 2017
Poster Presentation	Schmidt A, Goh JC , Bhatt M, Thomas P, Suder A. The CHAPPP study: Changing care with PSMA-PET for prostate cancer—A retrospective study of the role of PSMA imaging in altering treatment pathways. Australia New Zealand Urogenital and Prostate 16-18 Jul 2017
Poster presentation	Lassman AB, ven den Bent M, Gan HK, Reardon D, Kumthekar P, Butowski N, Lwin Z , Mikkelsen T, Nabors LB, Papadopoulos KP, Penas-Prado M, Simes J, Wheeler H, Gomez E, Lee H, Roberts-Rapp L, Xiong H, Bain E, Maag D, Merrell R. Efficacy analysis of ABT-414 +/- Temozolomide in EGFR-amplified, recurrent glioblastoma from a multicentre, international Phase I clinical trial. American Society of Clinical Oncology ASM, Chicago, USA
Poster presentation	Lassman AB, ven den Bent M, Gan HK, Reardon D, Kumthekar P, Butowski N, Lwin Z , Mikkelsen T, Nabors LB, Papadopoulos KP, Penas-Prado M, Simes J, Wheeler H, Gomez E, Lee H, Roberts-Rapp L, Xiong H, Bain E, Maag D, Merrell R. Efficacy analysis of ABT-414 +/- Temozolomide in EGFR-amplified, recurrent glioblastoma from a multicentre, international Phase I clinical trial. Best of ASCO, Singapore Oncology Society ASM, Singapore
Poster presentation	Mollee P, Okano S, Looke D Kennedy G, Harper J, Clouston J, Van Kuilenburg R, Geary A, Joubert W, Eastgate M , Jones M. Catheter-Associated Bloodstream Infections (CA-BSI) In Adults With Cancer: A Prospective Randomised Controlled Trial. American Haematological society. Atlanta 9-12 Dec 2017

RADIATION ONCOLOGY

The culture of inter-disciplinary collaboration and technology advancing research remains strong for the department of radiation oncology in 2017. The regular Research Core Group meeting helps guide the interests and co-ordinate medical, radiation therapist, physics and nursing streams. We focus on equipping ourselves as the tertiary/quaternary referral hub. We provide outreach visits to Redcliffe, Caboolture areas and to Central Queensland.

Physics and radiation therapy lead most of the investigator-initiated technical studies and higher degree supervision. There are also collaborations with national and international trial groups, including the Australian and New Zealand Urological and Prostate trials group, Tran-Tasman Radiation Oncology Group, Australian Lung Trial Group, and EORTC. We have been active in patient accruals with registering the first patients nationally for a number of trials including NIVORAD, Nimoral and CORE.

Our team has also now been successful in securing grants to proceed with studies through the Herston Imaging and Research Facility. Some of these are combined trials with chemotherapy and immunotherapy and we have had a number of successful publications and presentations.

The aim and focus of the Radiation Oncology Research group is to promote, support and drive innovation, promote quality initiatives and ensure quality improvement projects deliver evidence-based practice, to ensure safe treatment delivery. With new and emerging technologies rapidly being assimilated into daily practice, the focus of research outcomes is to deliver precision radiotherapy in a safe, efficient and cost-effective manner. Deep Inspiration Breath Hold (DIBH), Stereotactic Body Radiation Therapy (SBRT) and Catalyst Body Surface Scanning system have been implemented in our department. Quality assurance and research into these new technologies are vital to ensure quality treatments are provided to our patients.

We have also been very proud of Adjunct Professor Liz Kenny's appointment as an Officer of the Order of Australia (AO) for distinguished service to medicine as a clinician and researcher in the field of radiation oncology, and to executive roles with professional organisations nationally and internationally.

State-wide Radiation Therapist Research Fellow, Catriona Hargrave continued to be a valuable resource in supporting collaborative research projects and supporting quality improvement projects locally.

We look forward to 2018 in continuing our model of research and where we hope to implement through selected treatment site groups where we will collect prospective treatment information to investigate a model based evidence of approach in Radiation Treatments.

SUPERVISED POST-GRADUATE RESEARCH STUDENTS

NAME (RBWH STAFF IN BOLD)	CURRENT STUDIES (E.G. PHD, MASTERS ETC.) UNIVERSITY (DURATION)	RESEARCH PROJECT TITLE	SUPERVISORS (RBWH STAFF IN BOLD)
Abdullah Marzouq B Alharbi	Masters, QUT (2017)	Developing patient specific quality assurance for spine SABR plans.	Steven Sylvander, Kirby Francis, Scott Crowe
Diana Binny	PhD, QUT (2015-2021)	Optimizing patient plan deliveries by characterizing treatment planning systems in radiotherapy.	Scott Crowe, Tanya Kairn, Jamie Trapp
Orrie Dancewicz	PhD, QUT (2014-2018)	Development and verification of a novel 3D dosimetry technique for tomotherapy.	Scott Crowe, Jamie Trapp, Tim Markwell
David Garrott	Masters, QUT (2017)	Monte Carlo modelling of electron beam output for irregular cut-outs.	Liting Yu, Alexander Livingstone, Scott Crowe

NAME (RBWH STAFF IN BOLD)	CURRENT STUDIES (E.G. PHD, MASTERS ETC.) UNIVERSITY (DURATION)	RESEARCH PROJECT TITLE	SUPERVISORS (RBWH STAFF IN BOLD)
Jemma Devereaux	Masters, QUT (2017)	DIBH-BEST (Deep Inspiration Breath Hold-Breath-Hold Endurance Spirometer Trial)	Lisa Nissin, Cathy Hargrave, Julie Burbery, Gregory Ratray
Dr Timothy Liu	MPhil	Oral Squamous Cell Carcinoma with intermediate risk factors	Martin Batstone, Benjamin Chua
Dylan McGrath	Masters, QUT (2017)	Commissioning of the Varian Portal Dosimetry (VPD) QA solution	Liting Yu, Kirby Francis, Scott Crowe
Candice Milewski	Masters, Université Paris-Saclay (2017)	Effect of skin colour on optical surface monitoring of radiotherapy patients.	Samuel Peet, Craig Lancaster, Steven Sylvander, Scott Crowe, Tanya Kairn
Johnny Morales	PhD, QUT (2011-2017)	Independent Monte Carlo analysis for stereotactic radiosurgery treatments.	Scott Crowe , Jamie Trapp
Samuel Peet	PhD, QUT (2016-2020)	Out-of-field dose in contemporary radiation therapy.	Scott Crowe, Tanya Kairn , Jamie Trapp
Sheldon Uprichard	Masters, QUT (2017)	Acuros XB dose calculations for lung SABR dose treatments.	Scott Crowe, Kirby Francis , Nigel Middlebrook
Yongqian Yin	Masters, QUT (2017)	Investigation of interplay in IMRT treatments for breast cancer	Scott Crowe, Steven Sylvander , Tanya Kairn
James Rijken	PhD, QUT (2017-2023)	Dosimetric accuracy for SABR spine radiotherapy treatments.	Scott Crowe, Tanya Kairn , Jamie Trapp, Konstantin Momot
Liting Yu	PhD, QUT (2017-2023)	Developing new methods of dose evaluation for VMAT patient specific plans.	Scott Crowe , Jamie Trapp, Tanya Kairn , Christian Langton
Emma Whittle	MSc, QUT (2017-2018)	Measurement of tissue-phantom ratios in small radiotherapy fields	Scott Crowe, Tanya Kairn , Shadi Khoei, Emma Spelleken
Georgia Brown	MSc, QUT (2017-2018)	Dosimetric impact of gating of modulated breast radiotherapy using an optical surface monitoring system	Scott Crowe, Tanya Kairn, Steven Sylvander
Naasiha Cassim	MSc, QUT (2017-2018)	Dosimetric plan quality for treatments of multiple brain metastases	Scott Crowe, Tanya Kairn , Mark West, Yurissa Ikeda

2017 RESEARCH POSITIONS: COORDINATORS, FELLOW, ADJUNCT AND HONORARY POSITIONS

NAME	TYPE OF FELLOWSHIP	RESEARCH PROJECT	UNIVERSITY (YEARS)
Scott Crowe	Adjunct Associate Professor	School of Chemistry, Physics & Mechanical Engineering	QUT (2015 - current)
Allison Dry	RT R&D Co-ordinator	Radiation Therapy	
Jennifer Edmunds		Radiation Therapy	
Catriona Hargrave	State-wide RT Research Fellow	Radiation Oncology	
Tanya Kairn	Adjunct Associate Professor	School of Chemistry, Physics & Mechanical Engineering	QUT (2013 - current)

NAME	TYPE OF FELLOWSHIP	RESEARCH PROJECT	UNIVERSITY (YEARS)
Jacqui Keller		Radiation Oncology	
Trang Le		Radiation Oncology	
Rob McDowall		Radiation Oncology / Radiation Therapy	
Charmaine Micklewright		Radiation Oncology	
Michelle Ralston		Radiation Oncology / Radiation Therapy	
Lee Tripcony		Radiation Oncology / Statistics	
Christopher Walsh	RT R&D Co-ordinator	Radiation Therapy	

2017 CURRENT RBWH RESEARCH GROUP / DEPARTMENT LED RESEARCH ACTIVITY

RBWH RESEARCH GROUP / DEPARTMENT LEAD RESEARCHERS	COLLABORATIVE RESEARCHERS	RESEARCH PROJECT TITLE
Diana Binny	Scott Crowe Craig Lancaster Tanya Kairn Jamie Trapp (QUT) Emilio Mezzenga (IRST-IRCCS, Italy)	Improving quality assurance practices for TomoTherapy
Rae Blades / Ray Chan		A cost-effectiveness analysis of a silicone gel (StrataXRT®) for prophylaxis and management of Radiation Induced Skin Injury (RISI) in head and neck cancer patients.
Jemma Blyth, Jemma Devereaux, Michelle Grogan, Sanna Nilsson,	Alica Grigg	Deep inspiration breath hold for breast radiotherapy
Dr Philip Chan	Dr Paul Thomas (HIRF) Dr Robyn Cheuk Dr Michelle Grogan Dr Graeme Dickie	Prognostic Value of Assessing Hypoxia in Tumours Using 18FMISO PET During a Course of Radiation Therapy – Proof of Concept Study
Dr Ben Chua	Dr Zarnie Lwin (CCS) Dr Bryan Day (QIMR)	Using molecular-guided PET/MRI imaging to target hypoxia in glioblastoma: A preclinical study to identify novel pathways and define molecular signatures associated with hypoxia and poor patient outcome
Scott Crowe	Kirby Francis Tanya Kairn Emma Spelleken (Genesis Care)	Improving practices surrounding the use of dosimetric film in radiation therapy
Scott Crowe	Rob McDowall Daniel Bryant Crispen Chamunyonga (QUT) Catriona Hargrave (QUT)	Automating aspects of peer review of radiotherapy treatment plans
Dr Maciej Debowski	Catherine Bettington	MRI Imaging after RT - best time to scan post RT to maximise resource usage
Dr Maciej Debowski	Liz Kenny	Eye speculum case study
Jemma Devereaux	Jemma Blyth, Elena Blyth, Gregory Rattray, Catriona Hargrave, Lisa Nissin, Julie Burbery	DIBH-BEST (Deep Inspiration Breath Hold- Breath Hold Endurance Spirometer Trial)

RBWH RESEARCH GROUP / DEPARTMENT LEAD RESEARCHERS	COLLABORATIVE RESEARCHERS	RESEARCH PROJECT TITLE
Alice Grigg, Jemma Devereaux	Isabelle McIvor, Allison Dry, Catriona Hargrave	Retrospective evaluation of cardiac reduction between free-breathing (FB) and deep inspiration breath-hold (DIBH) radiation therapy for left-sided breast cancer patients
Dr Lindy Jeffree (RBWH)	Dr Michael Fay (NMH) Jennifer Martin (UON) Dr Paul Thomas (HIRF) Stephen Rose (CSIRO) Nicholas Dowson (CSIRO)	Evaluation of the role of valproate in the treatment of high grade glioma
Liz Kenny	Andrew Fielding (QUT)	PET/CT and PET/MRI for radiation treatment planning in patients with head and neck cancer undergoing definitive radiation or chemoradiation treatment
Liz Kenny	Sarju Vasani (RBWH)	A Pilot Study of CXCR4 PET for nodal staging of resectable mucosal head and neck Squamous cell carcinoma (HNSCC), including correlation with histopathology immunohistochemistry, sputum and Circulating Tumour Cells
Van Le	Anthony Pagidas, Adrian Celati, Jemma Blyth, Dr. Michelle Grogan, Allison Dry, Catriona Hargrave	Retrospective Evaluation of breast seroma changes during radiation therapy & the dosimetric benefits of performing a repeat CT scan
Charles Lin	Ben Chua, Liz Kenny, Michelle Nottage, Brett Hughes, Michele Teng, Paul Thomas	A prospective study investigating the efficacy and toxicity of definitive chemo-radiation and immunotherapy (CRIO) in locally and / or regionally advanced cutaneous squamous cell carcinoma
Alexander Livingstone	Darren Cassidy Kirby Francis	Developing a Monte Carlo quality assurance check system for radiotherapy
Candice Milewski	Scott Crowe Rachael Wilks Tanya Kairn	Evaluation of metal artefact reduction algorithms for radiotherapy
Anthony Pagidas, Adrian Celati	Van Le, Jemma Blyth, Michelle Grogan, Allison Dry, Catriona Hargrave	Retrospective Evaluation of breast seroma changes during radiation therapy and the dosimetric benefits of performing a repeat CT scan
Samuel Peet	Candice Milewski	Introducing an optical surface monitoring system into the clinic
Samuel Peet	Steven Sylvander Jemma Blyth	Introducing augmented and virtual reality systems into the clinic
Kate Stewart	Tsz-Wun Pinky Tiu Vickie Lightfoot, Catriona Hargrave	Comparison of Deformable and Rigid Image Registration of PETCT for Head and Neck patients in the MIM Maestro System.
Kate Stewart (PI), Tsz-Wun Pinky Tiu	Rob McDowall, Vickie Lightfoot, Catriona Hargrave	Retrospective Evaluation of Image Registration & contouring tools for PET images in MIM

RBWH RESEARCH GROUP / DEPARTMENT LEAD RESEARCHERS	COLLABORATIVE RESEARCHERS	RESEARCH PROJECT TITLE
Steven Sylvander	Scott Crowe Kirby Francis Orrie Dancwicz (Nuc. Med) Tanya Kairn Timothy Markwell (Mater Centre) Jamie Trapp (QUT)	Applications of 3D printing in radiation oncology medical physics
Liting Yu	Scott Crowe Tanya Kairn Kirby Francis	Novel quality assurance metrics for radiotherapy dose verification measurements

2017 COLLABORATIVE RESEARCH ACTIVITY INVOLVING RBWH RESEARCH GROUP / DEPARTMENT

COLLABORATIVE LEAD RESEARCHERS	RBWH RESEARCHERS	RESEARCH PROJECT TITLE
Jamie Trapp (QUT)	Scott Crowe Tanya Kairn	Development of three-dimensional gel dosimetry solutions for radiation therapy
Jamie Trapp (QUT)	Scott Crowe Tanya Kairn	Investigation of issues surrounding small field dosimetry in radiation therapy
Jamie Trapp (QUT)	Scott Crowe Tanya Kairn	Evaluating dosimetry near non-water equivalent implants and prostheses
Vincent Grégoire (EORTC)	Liz Kenny	NIMORAL - TROG 14.03 (1219-ROG-HNCG) A blind randomized multicenter study of accelerated fractionated chemo-radiotherapy with or without the hypoxic cell radiosensitizer nimorazole (Nimoral), using a 15 gene signature for hypoxia in the treatment of squamous cell carcinoma of the head and neck
Danny Rischin (PMCC)	Liz Kenny	HPV - TROG 12.01 A randomised trial of Weekly Cetuximab And Radiation Versus Weekly Cisplatin and Radiation in Good Prognosis Locoregionally Advanced HPV-Associated Oropharyngeal Squamous Cell Carcinoma
Chamindie Punyadeera (QUT)	Liz Kenny	SPIT Study A simple saliva test to diagnose head and neck cancer at an early stage - head and neck cancer detection is a spitting distance away
Prof Rajiv Khanna (QIMR)	Liz Kenny	P2191 Development of an Adoptive T Cell Therapy for HPV-Associated Malignancies
Chamindie Punyadeera (QUT)	Liz Kenny	JNJ Saliva Study Developing an Oral Rinse Method to Detect Human Papillomavirus
David Pryor	Charles Lin	TROG 16.03: A multi stage multi centre international randomised trial of Conventional care Or Radioablation (stereotactic body radiotherapy) for Extra-cranial oligometastatic disease in lung, breast and prostate cancer (CORE)
Shankar Siva	Charles Lin	TROG 15.03 Focal Ablative STereotactic RADiosurgery for Cancers of the Kidney - A Phase II Clinical Trial (FASTRACK II)

COLLABORATIVE LEAD RESEARCHERS	RBWH RESEARCHERS	RESEARCH PROJECT TITLE
Shankar Siva	Catherine Bettington	TROG 13.01 Stereotactic Ablative Fractionated Radiotherapy versus Radiosurgery for Oligometastatic Neoplasia to the Lung: A Randomised Phase II Trial (SAFRON II)
Scott Williams and Paul Nguyen (NHMRC)	Philip Chan	ENZARAD Randomised phase 3 trial of enzalutamide in androgen deprivation therapy with radiation therapy for high risk, clinically localised, prostate cancer
Kumar Gogna (RO Mater)	Catherine Bettington	SPLIT COURSE A single arm, prospective Phase II study of Split-Course Pelvic Radiotherapy for Locally Progressive, Castrate Resistant Prostate Cancer
Margot Lehman (PAH)	Philip Chan	P LUNG - TROG 11.03 A randomised phase III trial of High Dose Palliative Radiotherapy (HDPRT) versus concurrent Chemotherapy HDPRT (C-HDPRT) in patients with good performance status, locally advanced / small volume metastatic NSCLC not suitable for radical chemo-radiotherapy
Christine Paul (UON)	Philip Chan	OPAL A randomised controlled trial of online versus telephone-based information and support: Can electronic platforms deliver effective care for lung cancer patients?"
Gianluca Severi (Cancer Council Victoria)	LindyJeffree (CCS DRO)	AGOG Australian Genomics and Clinical Outcome of Glioma – Epidemiology Study
Gerald B. Fogarty (ANZMTG)	Roger Allison	WBRT - ANZMTG 01/07 TROG 08.05 Whole Brain Radiotherapy following local treatment of intracranial metastases of melanoma- A randomised phase III trial
Karen Lim (Liverpool Cancer Therapy Centre)	Philip Chan	GYNAE MRI Developing methods to allow adaptive radiotherapy for gynaecological cancers with MRI (cervix)
Peter Graham (SGH)	Robyn Cheuk	STARS - TROG 08.06 A randomised comparison of anastrozole commenced before and continued during adjuvant radiotherapy for breast cancer versus anastrozole and subsequent anti-oestrogen therapy delayed until after radiotherapy. (STARS - Study of Anastrozole and Radiotherapy Sequencing)
Boon Chua (PMCC)	Liz Kenny	DCIS - TROG 07.01 A randomised phase III study of radiation doses and fractionation schedules in non-low risk ductal carcinoma in situ (DCIS) of the breast
Michael Mac Manus (PMCC)	Gary Pratt	MZL - TROG 05.02 A prospective single arm trial of involved field radiotherapy alone for stage I-II low grade non-gastric marginal zone lymphoma.
L. Mileskin (PMCC)	Robyn Cheuk	PORTEC - 3 - TROG 08.04 ANZGOG A Randomised phase III trial comparing concurrent chemoradiation and adjuvant chemotherapy with pelvic radiation alone in high risk and advanced stage endometrial carcinoma.
Jim Denham (NMH)	Liz Kenny	RADAR - TROG 03.04 A Randomised Trial Investigating the Effect on Biochemical (PSA) Control and Survival of Different Durations of Adjuvant Androgen Deprivation in Association with Definitive Radiation Treatment for Localised Carcinoma of the Prostate

COLLABORATIVE LEAD RESEARCHERS	RBWH RESEARCHERS	RESEARCH PROJECT TITLE
Maria Pearse (Auckland City Hospital)	Charles Lin	RAVES - TROG 08.03 Radiotherapy Adjuvant versus Early Salvage. A phase III multi-centre randomised trial comparing adjuvant radiotherapy (RT) with early salvage RT in patients with positive margins or extraprostatic disease following radical prostatectomy
Michael Poulsen (RO Mater)	Graeme Dickie	MP3 - TROG 09.03 A Phase II Efficacy Study of Chemo-radiotherapy in PET Stage II and III Merkel Cell Carcinoma of the Skin
Gail Ryan (PMCC)	Roger Allison	TROG 06.01 Primary chemotherapy with Temozolomide vs. Radiotherapy in patient's with Low Grade Gliomas after stratification for genetic 1P loss: A phase III Study.
Sandro Porceddu (PAH)	Liz Kenny	POST - TROG 05.01 Post-operative concurrent chemo-radiotherapy versus post-operative radiotherapy in high-risk cutaneous squamous cell carcinoma of the head and neck
Cooperative Trials Group for Neuro-oncology	Zarnie Lwin, (CCS) Phillip Chan	VERTU - Veliparib, Radiotherapy and Temozolomide trial in Unmethylated MGMT Glioblastoma: A Randomised Phase II study of veliparib + radiotherapy (RT) with adjuvant temozolomide (TMZ) + veliparib versus standard RT + TMZ followed by TMZ in newly diagnosed glioblastoma (GBM) with unmethylated O (6)-methylguanine-DNA methyltransferase
Australasian Lung Cancer Trials Group	Brett Hughes (CCS), Phillip Chan	NIVORAD - A randomised phase 2 trial of nivolumab and stereotactic ablative body radiotherapy in advanced non-small cell lung cancer, progressing after first or second line chemotherapy.

2017 RESEARCH AWARDS AND ACHIEVEMENTS

RECIPIENT	AWARD	EVENT
Adj Prof Lizbeth Kenny	Officer of the Order of Australia (AO)	Distinguished service to medicine as a clinician and researcher in the field of radiation oncology, and to executive roles with professional organisations nationally and internationally.

2017 RESEARCH GRANTS - AWARDED

INVESTIGATORS (RBWH STAFF IN BOLD)	RBWH RESEARCH GROUPS / DEPARTMENTS	PROJECT TITLE	GRANTING BODY	AMOUNT IN 2017	TOTAL AMOUNT (YEARS)
Liz Kenny	CCS DRO	MIM Maestro Deformable Registration. Deformable registration software allows for elastic accurate registration of PET/CT, contrast CT, CBCT/MVCT, MRI dose and contour objects onto radiation treatment planning CT scans to facilitate accurate delineation of the volume of cancer requiring radiation treatment along with dose accumulation for adaptive treatment or instances of recurrence	NTFEP	\$473,000	\$473 000 (2015-2017)
Charles Lin	CCS DRO	A prospective study investigating the efficacy and toxicity of definitive chemoradiotherapy and immunotherapy (CRIO) in locally and / or regionally advanced cutaneous squamous cell carcinoma	Astra Zeneca		\$211 000.15 (2017-2021)
Marina Reeves, Sandra Hayes, Wendy Denmark- Wahnefried, Jennifer Muller, Elizabeth Eakin, Liz Kenny , Catherine Shannon	CCS DRO	Optimising Survivorship: a pilot study evaluating the feasibility, safety and preliminary efficacy of an exercise and dietary intervention for women with metastatic breast cancer	National Breast Cancer Foundation	\$99 918	\$197 179 (2017-2018)
Chamindie Punyadeera, Liz Kenny , Ken O'Byrne, Erik Thompson, Steve Mattarollo, Arutha Kulasinghe.	CCS DRO	Circulating Tumour Cells As Biomarkers To Identify Head and Neck Cancer Patients For PD1 Therapy	Translational Research Unit (TRI) Spore Grant	\$80 000	\$80 000 (2017)
Graeme Dickie	CCS DRO	QCOG Cancer Clinical Trial Data Manager Grant	Queensland Clinical Oncology Group	\$78 500	\$78 500 (2017)
Steven Sylvander	CCS DRO (Medical Physics)	Catalyst optical surface monitoring system	New Technology Grant	\$72 000	\$72 000 (2017)

INVESTIGATORS (RBWH STAFF IN BOLD)	RBWH RESEARCH GROUPS / DEPARTMENTS	PROJECT TITLE	GRANTING BODY	AMOUNT IN 2017	TOTAL AMOUNT (YEARS)
Benjamin Chua , Bryan Day, Stephen Rose, Paul Thomas , Lindy Jeffree , Yi-Chieh Lim, Po-ling Inglis , Zarnie Lwin , Jacqui Keller	Radiation Oncology	Using molecular-guided PET/MRI Using molecular-guided PET/MRI imaging to target hypoxia in glioblastoma: A preclinical study to identify novel pathways and define molecular signatures associated with hypoxia and poor patient outcome	HIRF seed research funding	\$66,498	\$66,498 (2017)
Lizbeth Kenny	Radiation Oncology	CXCR4 PET for nodal staging of resectable mucosal head and neck squamous cell carcinoma (HNSCC)	HIRF seed research funding	\$56,017.50	\$56,017.50 (2017)
Lizbeth Kenny	Radiation Oncology	Unless contraindicated, all patients receiving radical head and neck cancer chemoradiation at RBWH undergo a FDG PET CT and FDG PET MRI for fusion to planning CT scans. This has the potential to help determine acquisition algorithms for head and neck PET MRI. This would then also be of value to the PET MRI team at PAH and of commercial importance to our industry partner	HIRF seed research funding	\$35,090	\$35,090 (2017)
Samuel Peet	CCS DRO (Medical Physics)	Out-of-field dose in contemporary radiation therapy	RBWH Foundation	\$33 884	\$33884 (2017)
Kate Stewart	CCS RT	MIM Maestro ART Commissioning and Training	RBWH Foundation & CCS Fundraising Committee	\$3 762 \$3 762	\$ 6840.00 (Q4 2017)
Jennifer Edmunds	CCS DRO	ANZUP Trial Co-ordinator Scholarship	AUZUP	\$550	\$550

2017 RESEARCH PUBLICATIONS

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Book chapter	Kairn T. Application of Radiochromic Film to IMRT and VMAT Dosimetry. Radiochromic Film: Role and Applications in Radiation Dosimetry, CRC Press, Boca Raton, USA, 2017

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Book chapter	Kairn T , Lehmann J, Crowe S , Lye JE, Alvarez P, Followill D, Kron T. Postal and clinical trial dosimetry. Radiochromic Film: Role and Applications in Radiation Dosimetry, CRC Press, Boca Raton, USA, 2017
Invited editorial	Crowe S , Kairn T . Medical physics publishing in a changing research environment: The Australasian Physical & Engineering Sciences in Medicine 40th anniversary editorial. Australas PhysEng SciMed. 2017 Nov;40(4):771-776. doi:10.1007/s13246-017-0602-y
Journal article	Aland T, Jhala E, Kairn T , Trapp J. Film dosimetry using a smart device camera: a feasibility study for point dose measurements. Physics in Medicine and Biology 2017 Oct 3;;62(20): N506-N515
Journal article	Asena A, Smith ST, Kairn T, Crowe SB , Franich RD, Trapp JV. Reduction of artefacts caused by missing ray-sum data in optical-CT imaging of implants in gel dosimeters. J Phys Conf Ser. 2017 June 5;847:012070. doi: 10.1088/1742-6596/847/1/012070
Journal article	Asena A, Smith ST, Kairn T, Crowe SB , Hosokawa K, Sylvander SR , Trapp JV. Dose distributions in the vicinity of high-density implants using 3D gel dosimeters. Med Phys. 2017 April 12;44(4):1545-1551. doi: 10.1002/mp.12108
Journal article	Binny D , Lancaster CM , Trapp JV , Crowe SB . Statistical process control and verifying positional accuracy of a cobra motion couch using step-wedge quality assurance tool. J App Clin Med Phys 2017 Sep; 18(5):70-79. doi: 10.1002/acm2.12136 Epub 2017 Jul 21
Journal article	Binny D , Mezzenga E, Lancaster CM , Trapp JV, Kairn T, Crowe SB . Investigating output and energy variations and their relationship to delivery QA results using Statistical Process Control for helical tomotherapy. Phys Medica. 2017 June;38:105-110. doi: 10.1016/j.ejmp.2017.05.052
Journal article	Brown T, Banks M, Hughes BGM, Lin C , Kenny LM , Bauer JD. Impact of early prophylactic feeding on long term tube dependency outcomes in patients with head and neck cancer. Oral Oncol. 2017 Sep;72:17-25. doi: 10.1016/j.oraloncology.2017.06.025. Epub 2017 Jul 5.
Journal article	Brown TE, Banks MD, Hughes BGM, Lin CY , Kenny LM , Bauer JD. Randomised controlled trial of early prophylactic feeding vs standard care in patients with head and neck cancer. Br J Cancer. 2017 Jun 27;117(1):15-24 Epub 2017 May 23. doi: 10.1038/bjc.2017.138
Journal article	Brown T, Banks M, Hughes BGM, Lin C , Kenny LM , Bauer JD. Tube feeding during treatment for head and neck cancer - Adherence and patient reported barriers. Oral Oncol. 2017 Sep;72:140-149. doi: 10.1016/j.oraloncology.2017.07.017. Epub 2017 Jul 25.
Journal article	Brown TE, Wittholz K, Way M, Banks MD, Hughes BG, Lin CY , Kenny LM , Bauer JD. Investigation of p16 status, chemotherapy regimen, and other nutrition markers for predicting gastrostomy in patients with head and neck cancer. Head Neck. 2017 May;39(5):868-875. doi: 10.1002/hed.24630
Journal article	Burns CL, Kularatna S, Ward EC, Hill AJ, Byrnes J, Kenny LM . Cost analysis of a speech pathology synchronous telepractice service for patients with head and neck cancer. Head Neck. 2017 Dec;39(12):2470-2480. Epub 2017 Sep 30 doi: 10.1002/hed.24916.
Journal article	Burns CL, Ward EC, Hill AJ, Kularatna S, Byrnes J, Kenny LM . A randomised controlled trial of a multi-site speech pathology telepractice service providing swallowing and communication intervention to patients with head and neck cancer: An evaluation of service outcomes. Head and Neck, 2017 May;39(5):932-939. Epub 2017 Feb 22 doi:10.1002/hed.24706
Journal article	Chamunyonga C, Crowe S , Burbery J. Review of the clinical benefits and implementation of peer review of treatment plans in undergraduate medical dosimetry and radiation therapy training. J Radiother Pract. 2017;March 16(1):85-91. doi: 10.1017/S1460396916000522
Journal article	Collins A, Burns CL, Ward EC, Comans T, Blake C, Kenny L , Greenup P, Best D. Home-based telehealth service for swallowing and nutrition management following head and neck cancer treatment. J Telemed Telecare. 2017 Dec;23(10):866-872.
Journal article	Dancewicz OL , Sylvander SR , Markwell TS, Crowe SB , Trapp JV. Radiological properties of 3D printed materials in kilovoltage and megavoltage photon beams. Phys Med. 2017 June;38:111-118. doi: 10.1016/j.ejmp.2017.05.051. Epub 2017 May 26

TYPE (JOURNAL ARTICLE / BOOK / BOOK CHAPTER / LETTER)	PUBLICATION INFORMATION (RBWH STAFF IN BOLD)
Journal article	Gorayski P, Tripcony L , Poulsen M. Chemotherapy compliance in high-risk Merkel cell carcinoma treated with chemoradiotherapy. <i>Australas J Dermatol</i> . 2017 Feb;58(1):35-41. Epub 2015 Dec 1
Journal article	Hughes BG, Ahern E, Lehman M, Pratt G , Dauth M, Pritchard W, Wockner L, Horwood K. Concurrent chemoradiation with cisplatin and vinorelbine followed by consolidation with oral vinorelbine in locally advanced non-small cell lung cancer (NSCLC): the phase II CONCAVE study. <i>Asia Pac J Clin Oncol</i> . 2017 Jun;13(3):137-144. Epub 2017 Feb 9
Journal article	Kairn T , Asena A, Crowe SB , Livingstone A , Papworth D, Smith S, Sutherland B, Sylvander S , Franich RD, Trapp JV. Can a commercial gel dosimetry system be used to verify stereotactic spinal radiotherapy treatment dose distributions? <i>J Phys Conf Ser</i> . 2017 June 5;847:012071. doi: 10.1088/1742-6596/847/1/012071
Journal article	Kenny LM , Orsi F, Adam A. Interventional radiology in breast cancer. <i>Breast</i> . 2017 Oct;35:98-103. doi: 10.1016/j.breast.2017.06.012. Epub 2017 Jul 10
Journal article	Kulasinghe A, Kenny L , Punyadeera C. Circulating tumour cell PD-L1 test for head and neck cancers. <i>Oral Oncol</i> . 2017 Dec; 75:6-7. doi: 10.1016/j.oraloncology.2017.10.011. Epub 2017 Oct 19.
Journal article	Kulasinghe A, Perry C, Kenny L , Warkiani ME, Nelson C, Punyadeera C. PD-L1 expressing circulating tumour cells in head and neck cancers. <i>BMC Cancer</i> . 2017 May 16;17(1):333. doi: 10.1186/s12885-017-3316-3.
Journal article	Kulasinghe A, Tran THP, Blick T, O'Byrne K, Thompson EW, Warkiani ME, Nelson C, Kenny L , Punyadeera C. Enrichment of circulating head and neck tumour cells using spiral microfluidic technology. <i>Sci Rep</i> . 2017 Feb 15;7:42517. doi:10.1038/srep42517
Journal article	Moroney LB, Helios J, Ward EC, Crombie J, Wockner LF, Burns CL, Spurgin AL, Blake C, Kenny L, Hughes BG. Patterns of dysphagia and acute toxicities in patients with head and neck cancer undergoing helical IMRT±concurrent chemotherapy. <i>Oral Oncol</i> . 2017 Jan;64:1-8 doi: 10.1016/j.oraloncology.2016.11.009. Epub 2016 Nov 25.
Journal article	Nabankema SK, Jafari SM, Peet SC , Binny D , Sylvander SR , Crowe SB . Wearable glass beads for in vivo dosimetry of total skin electron irradiation treatments. <i>Radiat Phys and Chem</i> 2017 Nov;140: 314-318, doi: 10.1016/j.radphyschem.2016.12.013
Journal article	Nottage MK, Lin C, Hughes BG, Kenny L , Smith DD, Houston K, Francesconi A. Prospective study of definitive chemoradiation in locally or regionally advanced squamous cell carcinoma of the skin. <i>Head Neck</i> . 2017 Apr;39(4):679-683 doi: 10.1002/hed.24662. Epub 2016 Dec 29
Journal article	Perrett B , Charles P , Markwell T , Kairn T , Crowe SB . Feasibility of 3D printed air slab diode caps for small field dosimetry. <i>Australas Phys Eng Sci Med</i> . 2017 Sep: 40(3): 631-642. doi: 10.1007/s13246-017-0570-2 Epub 2017 Jul 31.
Journal article	Tang KD, Kenny L , Perry C, Frazer I, Punyadeera C. The overexpression of salivary cytokeratins as potential diagnostic biomarkers in head and neck squamous cell carcinomas. <i>Oncotarget</i> . 2017 Jul 31;8(42):72272-72280. doi: 10.18632/oncotarget.19731. eCollection 2017 Sep 22
Journal article	Vinod SK, Lim K, Bell L, Veera J, Ohanessian L, Juresic E, Borok N, Chan P , Chee R, Do V, Govindarajulu G, Sridharan S, Johnson C, Moses D, Van Dyk S, Holloway L. High-risk CTV delineation for cervix brachytherapy: Application of GEC-ESTRO guidelines in Australia and New Zealand. <i>J Med Imaging Radiat Oncol</i> . 2017 Feb;61(1):133-140. doi: 10.1111/1754-9485.12509. Epub 2016 Aug 16
Journal article	Wan Y, Vagenas D, Salazar C, Kenny L , Perry C, Calvopiña D, Punyadeera C. Salivary miRNA panel to detect HPV-positive and HPV-negative head and neck cancer patients. <i>Oncotarget</i> . 2017 Oct 10;8(59):99990-100001 doi: 10.18632/oncotarget.21725. eCollection 2017 Nov 21.
Journal article	Zolfaghari S , Francis KE , Kairn T, Crowe SB . Commissioning a hobby cutting device for radiochromic film preparation. <i>Australas Phys Eng Sci Med</i> . 2017 Jun 40(2):449-453. doi: 10.1007/s13246-017-0545-3. Epub 2017 Mar 30

2017 CONFERENCE PRESENTATIONS – INVITED SPEAKER, ORAL AND POSTER:

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
Invited	Chan P. Survivorship. Cancer Care Services Research Retreat, November 2017. Brisbane, Australia.
Invited	Chan P. Update on departmental investigator driven trials throughout the last year. Cancer Care Services Research Retreat, November 2017. Brisbane, Australia.
Invited	Cheuk R. Paediatric Hodgkins Lymphoma. Paediatric Radiation Oncology Teaching Course. Sydney, Australia, March 2017
Invited	Chua B. NEURONE Discussant. TROG ASM. TROG ASM. Auckland New Zealand. March 2017
Invited	Chua B. OUTRUN Discussant. TROG ASM. TROG ASM. Auckland New Zealand. March 2017
Invited	Dickie G. Brachytherapy for cervix carcinoma. Australian Brachytherapy Group annual scientific meeting. Melbourne, Australia, 23-25 Feb 2017
Invited	Kenny L. Cancer Strategy Workshop – “Cancer Control Policy and Delivery”. Ministry of Health, Cyprus. September 2017
Invited	Kenny L. Indications and limits of SBRT. European Conference on Interventional Oncology. Bilbao, Spain 22-25 April 2017
Invited	Kenny L. Quality assurance: an essential development. European Congress of Radiology. Vienna, Austria. Feb 2017
Invited	Kenny L. SABR for lung metastases – Current status and limitations. Cardiovascular and Interventional Radiological Society of Europe Annual Congress, Copenhagen, Denmark. September 2017
Invited	Kenny L. SBRT – current status and evidence. European Conference on Interventional Oncology. Bilbao, Spain 22-25 April 2017
Invited	Kenny L. The Joy of Research. ANZUP ASM. Melbourne. July 2017 *
Invited	Kenny L. The world of Interventional Oncology. ASMIRT Sunshine Coast Weekend Seminar: Qld RT Weekend meets Country AIR. 3-5th Nov. 2017
Invited	Kenny L, Bransdon M. Standards, Governance and ICT: the holy trinity for systemic therapies? COSA Annual Scientific Meeting, 13 Nov 2017. Sydney, Australia.
Oral	Cannon J. Mid-ventilation vs maximum intensity projection: Retrospective comparison of 4DCT reconstructions for lung SABR treatment planning ASMMIRT 2017 March 2017
Oral	Chan P. Is more with less and less better? RBWH Symposium. Brisbane, Australia, 12/9/2017
Oral	Crowe SB. Reporting on outcomes of regular medical physics journal club meetings, Engineering and Physical Sciences in Medicine, Hobart, Australia, 2017
Oral	Crowe SB, Sylvander SR, Kairn T. Art and science: fluorescence dosimetry using household materials. Engineering and Physical Sciences in Medicine, Hobart, Australia, 2017
Oral	Debowski M, Chua B, Bettington C. Assessing the utilization and significance of early MRI after chemoradiotherapy for glioblastoma: are we scanning too soon after treatment? (RANZCR) 68th Annual Scientific Meeting to be held 19 - 22 October 2017 at Crown Perth, Western Australia.
Oral	Devereaux J. Inspiring Spirometry – The Royal DIBH experience. ASMIRT Sunshine Coast Weekend Seminar: Qld RT Weekend meets Country AIR. 3-5th Nov. 2017
Oral	Lathouras, M. Dose Accumulation for Multiple Treatment Plans. ASMIRT Sunshine Coast Weekend Seminar: Qld RT Weekend meets Country AIR. 3-5th Nov. 2017
Oral	Livingstone AG, Clinical implementation of an automated Monte Carlo dose verification system. Engineering and Physical Sciences in Medicine, Hobart, Australia, 2017
Oral	Milewski C, Wilks R, Kairn T, Crowe SB, “Evaluation of metal artefact reduction algorithms in radiotherapy treatments“, Engineering and Physical Sciences in Medicine, Hobart, Australia, 2017
Oral	Outhwaite J. Stereotactic Ablative Body Radiation Therapy (SABR) for the treatment of lung cancer: initial experience at Royal Brisbane and Women's Hospital. ASMIRT Sunshine Coast Weekend Seminar: Qld RT Weekend meets Country AIR. 3-5th Nov. 2017
Oral	Outhwaite J-A. Stereotactic radiotherapy. RBWH Symposium. Brisbane, Australia, 12/9/2017

TYPE (ORAL / POSTER / INVITED)	PRESENTATION INFORMATION (RBWH STAFF IN BOLD)
Oral	Pagidas A. Retrospective examination of changes in breast seromas in the treatment of breast cancer following breast conserving surgery. ASMIRT Sunshine Coast Weekend Seminar: Qld RT Weekend meets Country AIR. 3-5th Nov. 2017
Oral	Porceddu S, Poulsen M, Bressel M, Stoneley A, Veness M, Kenny LM , Wratten C, Corry J, Cooper S, Fogarty G, Collins M, Collins M, Macann A, Milross C, Penniment MG, Panizza B, Rischin D. Post-operative concurrent chemo-radiotherapy versus post-operative radiotherapy in high-risk cutaneous squamous cell carcinoma of the head and neck: A randomized phase 3 trial (Trans Tasman Radiation Oncology Group 05.01 Trial; POST study). ASCO annual meeting June 2017, Chicago
Oral	Russell C. Retrospective evaluation of set-up errors for stereotactic brain radiotherapy, ASMMIRT 2017 March 2017
Oral	Shanker M, Chua B, Bettington C , Pinkham M. Sterotactic radiotherapy (SRT) re-irradiation in recurrent high grade gliomas. The Royal Australian and New Zealand College of Radiologists (RANZCR) 68th Annual Scientific Meeting to be held 19 - 22 October 2017 at Crown Perth, Western Australia.
Oral	Spelleken E, Crowe SB , Sutherland B, Challens C, Kairn T . Evaluation of published film dosimetry techniques. Engineering and Physical Sciences in Medicine, Hobart, Australia, 2017
Oral	Stewart K. The evolution of Image Registration at the RBWH using the MIM Maestro system. ASMIRT Sunshine Coast Weekend Seminar: Qld RT Weekend meets Country AIR. 3-5th Nov. 2017
Oral	Tang TLS, Livingstone A, Cassidy D, Crowe SB . Evaluating patient specific pre-treatment QA practices. Engineering and Physical Sciences in Medicine, Hobart, Australia, 2017
Oral	Tiu P. Comparison of Deformable and Rigid Image Registration of PETCT for Head and Neck patients in the MIM Maestro System. ASMIRT Sunshine Coast Weekend Seminar: Qld RT Weekend meets Country AIR. 3-5th Nov. 2017
Oral	Tiu P. Comparison of Deformable and Rigid Image Registration of PETCT for Head and Neck patients in the MIM Maestro System. ASMIRT CEC SPP Graduate Papers Seminar: Bryan Emmerson Room, Princess Alexandra Hospital. 18th November 2017
Oral	Vincent D. DIAMOND - Data shaken not stirred. RBWH Symposium. Brisbane, Australia, 14/9/2017
Oral	Yin A, Dawes J, Sylvander SR, Kairn T, Crowe SB . Interplay effect for IMRT treatments of breast cancer. Engineering and Physical Sciences in Medicine, Hobart, Australia, 2017
Oral	Zolfaghari S, Francis KE, Kairn T, Crowe SB , "Testing the performance of a ScanNCut cutting system for radiochromic film preparation", Engineering and Physical Sciences in Medicine, Hobart, Australia, 2017
Poster	Canard AC, Crowe SB, Sylvander SR, Peet S, Yu N . In-air 192Ir air kerma measurements using a jig constructed of affordable PVC piping", Engineering and Physical Sciences in Medicine. Hobart, Australia, 2017
Poster	Peet S, Milewski C, Sylvander SR , Catalyst HD: Commissioning of an Optical Surface Monitoring System. Engineering and Physical Sciences in Medicine, Hobart, Australia, 2017
Poster	Roberts N, Western R; Keller J; Cubitt A. Patient Understanding of Research in an Oncology Setting. RBWH Healthcare Symposium. Brisbane, Australia, September 2017

OTHER COMMUNICATIONS AND OUTPUTS:

Jemma Blyth: Multi-centre joint breast technique. Presentation 12th June 2017, Radiation Oncology Mater Centre

Rae Blades: Radiotherapy and Skin Management: Qld News and New Directions. Presentation 21 March 2017, Cancer Research Monthly forum, Royal Brisbane and Women's Hospital

Jemma Devereaux: 'Implementation of DIBH BEST: Cancer Care Services, Monthly Grand Rounds, Education Centre RBWH, 28th Feb. 2017

Jenna Luscombe, 'Retrospective Evaluation of the impact of variable bladder filling on target volume for patients with Gynaecological cancer treated with VMAT' Safety & Quality Grand Rounds, RBWH: 9th Feb.2017.

Sam Peet: Introducing an Optical Surface Monitoring System for Radiotherapy Patients. Presentation 16 May 2017, Cancer Research Monthly forum, Royal Brisbane and Women's Hospital

Scott Crowe: Fluorescence dosimetry using household materials. Presentation 29 September 2017, Australasian College of Physical Scientists and Engineers in Medicine Queensland Branch Symposium, Princess Alexandra Hospital