



Exceptional People. Exceptional Care.



Health. Education. Research
2014 Annual Review

Mission and Values

Mission

In the spirit of the Sisters of Mercy, Mater Health Services offers compassionate service to the sick and needy, promotes an holistic approach to healthcare in response to changing community needs and fosters high standards in health-related education and research.

Following the example of Christ the healer, we commit ourselves to offering these services without discrimination.

Values

The Mater Values of Mercy, Dignity, Care, Commitment and Quality guide our interactions with those for whom we are privileged to provide care, our colleagues and the many people with whom we interact each day.

Mercy	the spirit of responding to one another
Dignity	the spirit of humanity, respecting the worth of each person
Care	the spirit of compassion
Commitment	the spirit of integrity
Quality	the spirit of professionalism

Mater acknowledges that our healthcare services are provided on traditional Aboriginal and Torres Strait Islander lands, and pay our respects to their Elders past, present and emerging.



Introduction



Health. Education. Research.



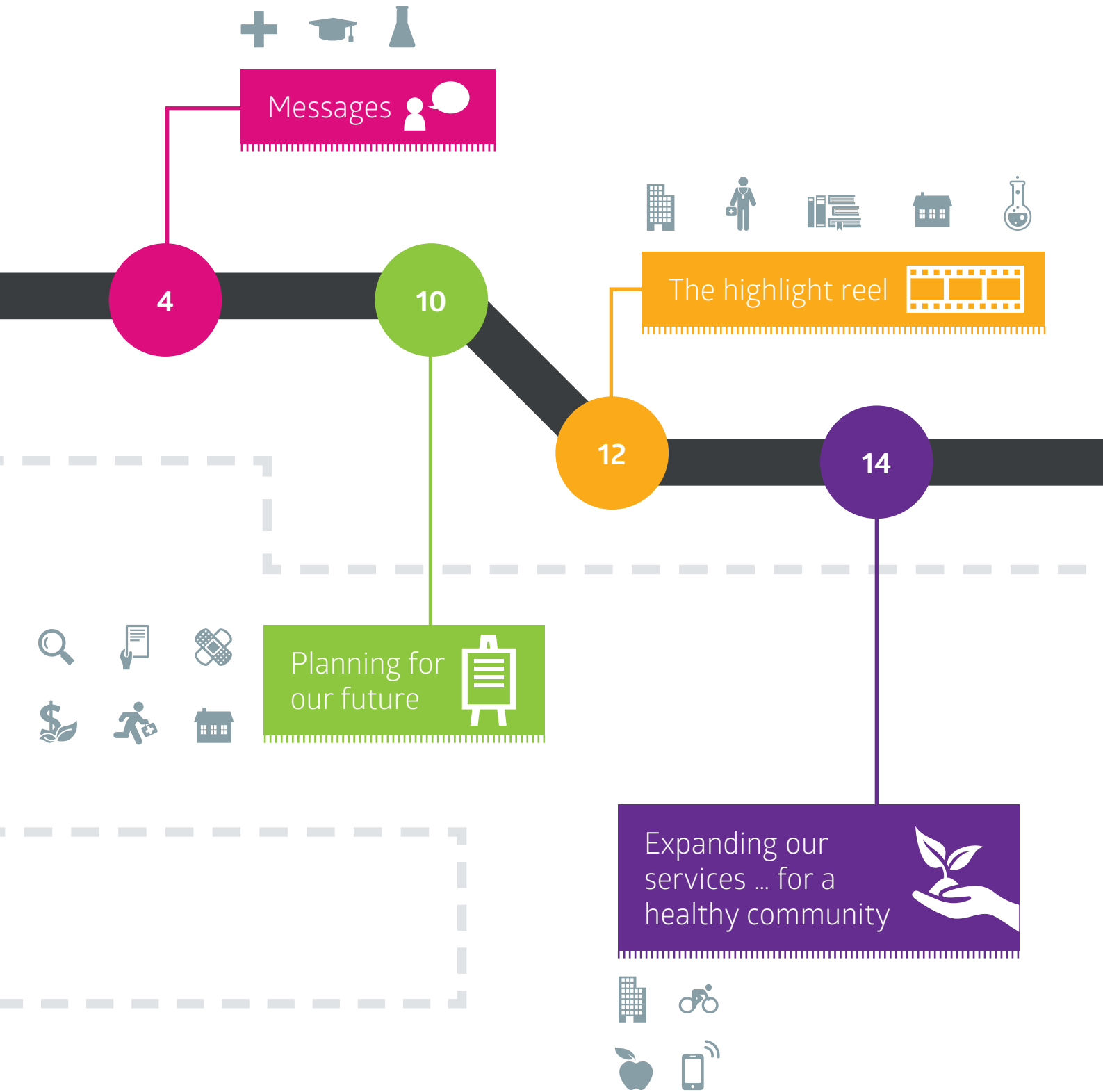
Mater is committed to integrating health, education and research to support the provision of exceptional care.

Our commitment is underpinned by our continual pursuit of innovation—to discover, improve, adopt and adapt—to meet the needs of the community and uphold our commitment to God and humanity.


We do this in the Catholic tradition of Mercy for which Mater has been renowned for more than 108 years.

As we move into the future, we will continue to be guided by our Values of Mercy, Dignity, Commitment, Quality and Care, as we fulfil our Mission to care for all without discrimination.

Contents





Celebrations ... 

44

26

Partnerships ...
for a healthy
community 



Mater reports 

70

72



Looking ahead 

A message from Mater Health Services

The past 12 months have been challenging for Mater as we endured a period of significant transition and unprecedented change while simultaneously planning for our future to ensure the continued fulfilment of the Mater Mission.

It is our Mission—to provide compassionate care to those who need it most—and our continual pursuit of innovation—to discover, improve, adopt and adapt—which differentiates Mater as a leader in the fields of health, education and research.

Our other key difference? Our people. Whether at the bedside, laboratory, classroom or behind the scenes—the contributions of all Mater People support the continued delivery of exceptional care. It is our people—their friendliness, talent and compassion—which has always defined the quality of care synonymous with Mater, and is why our community trusts us to

care for them during their most vulnerable moments.

It is this care which both reflects our heritage as an organisation founded by the Sisters of Mercy but also perpetuates the Mater Mission and Values into the future, ensuring our identity as a Catholic, Mission-driven organisation remains steadfast, even during those periods of change.

The most significant change of 2014 was the closure of Mater Children's Hospital and transition of its services to the new government-owned and operated Lady Cilento Children's Hospital; signalling the end of 83 years of community service.

Much has changed since Mater Children's Hospital opened in 1931, however our commitment to meeting unmet community need remains as relevant today as it was when the Sisters of Mercy established a paediatric facility.

It is why Mater supported combining Royal Children's Hospital and Mater Children's Hospital in a single children's facility. The benefits for children and families who regularly use tertiary paediatric services—to



have specialists located within one facility in which clinicians, educators and researchers can work together collaboratively—was the best way of providing care to our children.

The transition was a period of great sadness for us all as we farewelled the hospital and the thousands of Mater People who transitioned to Lady Cilento Children's Hospital or left Mater for other opportunities. Saying goodbye is never easy. However, we take pride as an organisation in our significant contribution to the building of quality paediatric care in Queensland during the past 83 years, and the knowledge that we have made the best decision for Queensland children.

As we look to our future, we can do so confidently knowing that we will continue to provide care through all stages of life across a broad range of clinical

Health 

Education 

Research 

areas with a strong focus on cancer, neurosciences, women's health and newborn services and the care of young adults and adolescents.

Mater Cancer Care Centre will expand its services, with plans to more closely integrate with allied health to continue to provide holistic services to all patients regardless of their level of health insurance cover, within a state-of-the-art facility.

We will take another step in the evolution of our neurosciences offering through the opening of the Mater Centre for Neurosciences, to be a world-class neurosciences centre which provides interdisciplinary care for patients from one location.

Mater Mothers' Hospitals will continue to grow and deliver the highest standards of maternity and neonatal care. Specifically, Mater Mothers' Private Brisbane will implement innovative service options to reinforce its position as Queensland's largest and most desired private maternity service.

We will continue to offer paediatric services for privately insured patients through Mater

Children's Private Brisbane and will enhance services for young people through Queensland's first dedicated adolescent and young adult health service, Mater Young Adult Health Centre Brisbane.

Mater Education will continue to expand its range of specialist simulation-based courses for clinicians and learning opportunities for our community, improving health outcomes for patients and the broader population.

Mater Hospital Brisbane (formerly Mater Adult Hospital) will expand services across the most needed clinical disciplines, and our care beyond 'Mater Hill' will continue through the opening of Mater Private Hospital Springfield and progressing expansions to Mater Private Hospital Redland.

These add to the range of existing services we provide from a number of locations across South-East Queensland via our health centres, supporting services such as Mater Pharmacy and Mater Pathology, and partnerships with other organisations to effectively meet community need.

We will continue to strive for the integration of health, education and research for a healthy community while upholding our Mission to provide compassionate care to those who need it most.

Dr John O'Donnell
*Chief Executive Officer,
Mater Health Services*

Mr Brian Flannery
*Chairman, Mater Health
Services Board*



A message from Mater Education

In 2014 Mater Education worked alongside and within Mater Health Services to continue to provide education and practice development programs to support and develop Mater's exceptional people. We, too, farewelled a team of talented staff during the closure of Mater Children's Hospital and transition to Lady Cilento Children's Hospital, though we are buoyed by the knowledge that those educators will continue to support and develop the workforce caring for Queensland's children.

We were privileged to congratulate 93 Diploma of Nursing graduands in 2014 as they prepared to take the next step in their healthcare careers, and welcomed two new cohorts of students to our unique diploma program. We are hopeful that some of these students will potentially return to Mater in the future to pursue further study in one of the many healthcare professions which will be located within the world-class clinical school opening in 2016 in the refurbished Whitty Building.

As a nationally accredited, independent, hospital-based Registered Training Organisation developing and delivering courses within a world-class medical simulation facility, Mater Education has valuable expertise and learnings we endeavour to share across the broader health and education communities. Last year several of our team were invited to share their knowledge

and expertise at national and international conferences.

One of our greatest achievements of 2014 was becoming an Affiliate Partner of the internationally renowned Center for Medical Simulation in Boston. As one of only four affiliate partners world-wide, Mater Education and our alumni have an exclusive level of access to the resources, skills, advice and experience of a team of Harvard Medical School faculty who are international leaders in the field of simulation.

As we look to the future we will continue to expand our simulation facility, faculty and program development. In 2015 we will establish our first Simulation Fellowships, building a team of highly qualified practicing clinicians who will develop and deliver specialist courses. Simulation enables clinicians to not only learn, practice and reinforce skills, but to challenge and improve processes, enhance teamwork and inter-professional collaboration in a safe environment. It equips and empowers exceptional people to improve the delivery of healthcare to patients and improve health outcomes for the community.

We will also continue to strengthen our partnerships and collaboration with Mater Health Services and Mater Research to ensure Mater patients, and our community more broadly, achieve better health outcomes.



In 2015, in response to community health education needs, we will deliver the first Mater Mothers' first aid for babies course.

Developed in partnership with Mater Mothers' Hospitals, Mater Children's Hospital emergency clinicians and Mater Children's Private Brisbane, the course will equip parents with the confidence and skills to care for their baby should they face an emergency.

Committed to the highest standard of inter-professional healthcare training and education, Mater Education will continue to develop and deliver courses, from entry level through to advanced clinical specialties, onsite and integrated within Mater's hospital and healthcare services. Working collaboratively with Mater Health Services and Mater Research, we will continue to strive to fulfil Mater's Mission and improve community health outcomes.

Donna Bonney
*Chief Executive Officer,
Mater Education Limited*

John Reynolds
*Chairman,
Mater Education Limited Board*

A message from Mater Research

This year marked 15 years since Mater Research was officially opened in 1999. Establishing a medical research institute on 'Mater Hill' was a long-term goal of the Sisters of Mercy and the Mater Health Services Board and it is wonderful to reflect on the significant advances that have occurred over that time. Mater Research commenced operation with 10 staff and has grown into an internationally competitive institute with more than 300 research staff, postgraduate students and honorary clinical researchers.

Another indication of our growth is our 2014 National Health and Medical Research Council (NHMRC) grant results. We secured more than \$5 million in NHMRC funding in 2014. While most research institutes in Australia expect about 15 per cent of their funding applications to be approved, we secured 30 per cent of the grants for which we applied. These grants will have a direct impact on our work and fund a broad range of important projects including investigating new treatments for diabetes, cancer stem cell regulation and investigating T-cell vaccines for cancer.

Last year was also a strong year for the organisation in terms of sharing research, with 264 Mater Research publications featured in national and international health literature.

What sets our research apart is our ability to translate laboratory

research into better care in hospital. In 2014 we introduced an additional avenue to improve evidence-based clinical practice—the Betty McGrath Fellowship Scheme. Funded by Mater Foundation, the long-term objectives of the Fellowship are to enhance the culture within Mater by allowing greater participation by clinical staff in research activities. Eight recipients in clinical settings were awarded the first Fellowships to pursue clinical research in pathology, gastroenterology, obstetrics and gynaecology, respiratory medicine and occupational therapy.

We worked to attract high performing research higher degree students to Mater Research in 2014 and we now have more than 70 students undertaking a PhD or Honours programs.

Mater Research also invited high school students from All Hallows' School and Somerville House to undertake short projects with Mater's leading research teams. The students contributed to real life medical research, interpreted their own results and articulated their findings. We are privileged to foster these connections.

From a strategic perspective, this year we welcomed Professor Melissa Brown, Deputy Dean of the Faculty of Medicine and Biomedical Sciences at The University of Queensland and Terry Crawford to the Mater Research Board. We are grateful



for the expertise and integrity they bring to the management of our organisation.

Last year we formalised a long-standing relationship with The University of Queensland to form the Mater Research Institute – The University of Queensland (MRI-UQ) alliance. We once again enjoyed working closely with The University of Queensland to gain the benefits of collaboration across research, teaching and clinical care.

We appreciate the significant support we received from Mater Foundation to fund important research activities during the year. We thank Mater Foundation for their continued support and to the donors whose generous contributions make an incredible difference to research and healthcare.

Professor John Prins

*Chief Executive Officer/Director,
Mater Research*

Mr Jim Walker AM

*Chairman,
Mater Research Board*

A message from Mater Foundation

We are often asked “Where does philanthropy fit in at Mater?”

The short answer is it is part of who we are. If it wasn't for generous community support more than a century ago, the Sisters of Mercy would not have been able to establish Mater.

Philanthropy enables Mater to extend the notion of being renowned as a leader in the areas of health, education and research. Our growing research programs are sustained by community support, and this plays an increasing role in attracting the most talented clinicians and researchers to Mater. This year, Mater Foundation increased its commitment to research, as part of our commitment to the provision of compassionate care.

A common misconception about philanthropy is that it is the domain of only the wealthy. On the contrary, we believe anyone who gives because of their care for community could be called a philanthropist. There is no limit to the spirit of generosity which can be viewed from many perspectives, from the level of sacrifice in giving to the amount donated.

This year we recognised five long-term Mater supporters for their contribution to our Mater Little Miracles Appeal. These volunteers have served Mater in various capacities for a combined 77 years and their

collective gift of time has done immeasurable good.

This is also true of those who give up precious hours to participate in programs such as Mater chicks in pink, Smiling for Smiddy, Climb for Cancer and River to Rooftop. These inspiring volunteers put their heart and soul into fundraising for Mater.

In 2014, Mater chicks in pink launched two new fundraising programs—RACQ Insurance International Women's Day Fun Run (gifted to us from Brisbane Road Runners) and Bust a Move. While the Fun Run is an iconic Brisbane event, Bust a Move is something altogether new in this country—a six-hour fitness extravaganza!

Gifts through bequest are another continuing feature of the Mater philanthropic story and the creation of the Mater Future Fund—an endowment fund that enables donations to provide ongoing benefit—adds another chapter to this story. Ted Pratt, a long-term friend of Mater, gifted Mater his estate when he passed away in 2013. The Ted Pratt fund was established in his honour and is now a part of the Mater Future Fund. Ted's significant gift will be carefully managed and maximised to have the greatest impact for decades to come.

The importance of having such a diverse portfolio of fundraising programs is that Mater Foundation can engage with all walks of the community, fostering



a connection with Mater and serving the Mater Mission in a number of ways.

Connecting our donors is a joy and a privilege. No matter how they reach us, funds raised translate directly into support of medical research and clinical care that impact on people's lives. We continue to be humbled by the generosity of our community.

In the 2013/14 financial year, Mater Foundation recorded a surplus of \$22 308 235 and distributed \$7 686 726 in grants to Mater.

We extend our sincere appreciation to our extensive community of supporters for the continued trust and confidence that is placed in Mater through philanthropy.

Mr Nigel Harris
*Chief Executive Officer,
Mater Foundation*

Mr Phil Hennessy
*Chairman,
Mater Foundation Board*

A message from Mercy Partners

Mater Health Services has gone through various changes during the past year. This is not unusual—to grow is to change—and Mater’s outreach in support of healthy communities continues to expand.

One of last year’s more significant changes was the closure of Mater Children’s Hospital and the transfer of patients and services to the new Lady Cilento Children’s Hospital. Mater managed this change exceptionally well, and all Mater People should be proud of their contributions during this transition.

From the outset of this process, in addition to managing the transfer, Mater simultaneously spent time considering what new services would be required by the community, and how to continue to help meet this need in the great Mercy tradition. The result of this process—a number of new services—are outlined in more detail within this publication.

Victor Hugo once wrote, ‘change your leaves, keep intact your roots.’

Mater has changed its leaves from time to time, and added new leaves, but the roots remain stable, firmly embedded in the great tradition of the Sisters of Mercy in their reaching out compassionately to those in need.

Mercy Partners, itself subject to the change process, is committed to supporting the continuance of this great tradition.

This Annual Review highlights examples of the many different ‘leaves’ of the Mater tree—truly a tree of life—and how the intertwining of the many branches which support these leaves result in the integration of health, education and research for a healthy community.

Mercy Partners Council extends its thanks and congratulations to Mater Health Services for the way in which they continue to add and change the leaves, but remain firmly grounded in the great Mercy tradition.

Dr Ray Campbell
*Chair,
Mercy Partners Council*



Planning for our future


Our vision

In the Mercy tradition, Mater will be renowned as a leader in the delivery of exceptional healthcare and experienced by all as a community of compassion.

Our strategy

At Mater, we understand that achieving, and sustaining, our goal of building healthy communities requires the successful integration of health, education and research.

As our capacity as an organisation to genuinely influence health outcomes increases, our service model adapts accordingly to both incorporate and enhance contemporary practice.



Underpinned by our Mission and Values, our strategic plan is heavily focused on not only the integration of health, education and research, but consistent excellence and continuous improvement across each field.

Our high level strategic goals

At Mater, we consistently strive to represent the values of an authentic and committed Catholic organisation. We engage our exceptional team of Mater People to embrace the Mater culture and deliver services which align our Values with defined community need. As an extension of our internal culture and tangible connection to our Mission, we strive to attain the following goals:

- put the patient first
- ensure ongoing financial sustainability
- be responsive to the changing healthcare needs of our community.



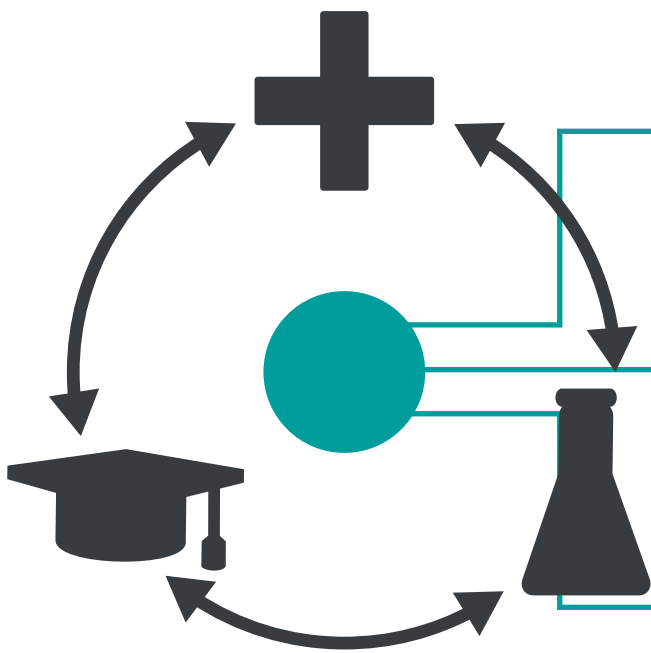
Meet community needs:

Deliver services in the most appropriate setting for patients

Actively identify and strategically respond to unmet health needs

Partner strategically to promote healthy communities





Health:

ongoing provision and expansion of our core healthcare services to build closer connections with our community, to promote wellness and healing.

Education:

organisation-wide integration of teaching and learning, with an inter-professional focus and approach to improve health education and clinical outcomes for all.

Research:

conducting research consistent with, and supportive of, our core healthcare services and partnering to share our research outcomes for the benefit of the community.

Provide safe, quality healthcare that meets our patients' needs:



Be the safest health service in Australia



Deliver all services with compassion



Deliver excellent health outcomes



Develop recognised centres of excellence

Deliver operational efficiency:

Ensure patients don't wait for service

Use quality information to make better decisions

Be responsible stewards



Our strategy and vision is underpinned by our exceptional Mater People.



The highlight reel



In 2014, Mater ...



farewelled Mater Children's Hospital, honouring more than 83 years of exceptional service to the children of Queensland



formalised an affiliate partnership between Mater Education and the internationally renowned Harvard Center for Medical Simulation (CMS) in Boston



renamed three key buildings across the South Brisbane campus to both reflect our heritage as a Sisters of Mercy founded organisation and the geographical expansion of our services



commenced construction of Stage One Mater Private Hospital Springfield, continuing the expansion of our services beyond 'Mater Hill' to meet the needs of the wider South East Queensland region



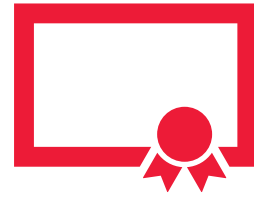
began refurbishing the Whitty Building to create a world-class clinical school for medical, nursing and midwifery and allied health students, in partnership with The University of Queensland





welcomed more than 10 000 babies into the world

+ P95



celebrated 25 years of community support via Mater Foundation

+ P55

expanded the ways in which we continue to meet community need by planning for new services (Mater Young Adult Health Centre Brisbane, Mater Centre for Neurosciences and Mater Children's Private Brisbane) and expansion of Mater Hospital Brisbane

+ P18

secured more than \$5 million in National Health and Medical Research Council funding for Mater Research projects which will commence in 2015

P7



contributed to the provision of care to one of Brisbane's most vulnerable populations, and more than \$6 million in healthcare savings through the *Homeless to Healthcare After-Hours Service* partnership with other health and social support agencies.

+ P28

\$5m



Expanding our services ... for a healthy community



By continuing to expand the services we offer both on ‘Mater Hill’ and beyond, Mater reinforced its commitment to meeting the needs of the growing South-East Queensland community.

Brookwater

Mater Health Centre Brookwater—Mater's first service within the western Brisbane region—celebrated a year of providing care to the local community in 2014.

Established in early 2013, the centre comprises a number of specialists in areas including neurosurgery, cardiology, urology, obstetrics and gastroenterology, a Mater Pharmacy and Mater Pathology and a range of other supporting services.

While the first service offered in this region, the centre was the third established by Mater (following Mater Health Centres Redland and Hope Island) after the local community was identified as being in need of allied health and specialist health services both now and in the future.



Springfield

In April 2014, construction commenced on Stage One of Mater Private Hospital Springfield, an \$85 million, **80-bed** private hospital and cancer care centre. When it opens at the end of 2015, the hospital will care for the local community, supporting Mater's Mission to meet unmet need.

An agreement with the Queensland Government will see **4800** public patients from the West Moreton-Oxley and Metro South Hospital and Health Services catchment cared for at Mater Private Hospital Springfield each year.

Mater has a master plan for the hospital precinct within Health City Springfield Central, which incorporates a number of expansion stages to continue to meet the demands of the region into the future. Stage One will provide a range of medical and surgical services as well as a combination of inpatient, medical, day and chemotherapy beds to be supported by **\$21.4 million** in Australian Government funding.



East and West



In 2014, Mater experienced a year of both transition and expansion to ensure our ability to meet the needs of the community into the future.

\$38.4m

3000



Redland

A **\$38.4 million** project to expand Mater Private Hospital Redland by **37** inpatient beds and three surgical theatres was announced in late 2014.

The project, scheduled to commence during mid-2015, will ensure Mater continues to meet the growing demand for private health services in the Redland Bay region and see the growth of orthopaedic surgery, rehabilitation, respiratory medicine and urology in addition to day case maxillofacial surgery, oncology, ophthalmology and plastic and reconstructive surgery.

The expansion will also include a dedicated space for cancer care patients and the refurbishment and growth of waiting areas, recovery spaces and the main entrance foyer.

It is anticipated that the expansion, due for completion at the end of 2016, will allow an additional **3000** operations in the first year.



South
Brisbane

MATER HILL

The changing face of 'Mater Hill'



In 2014, Mater announced a number of new services to be launched on 'Mater Hill', as well as considerable expansion of existing services. These changes will ensure Mater continues to provide high quality tertiary services on 'Mater Hill' for the years to come.

Mater Children's Private Brisbane

Mater Children's Private Brisbane began as a new stand-alone service operating in its own right on 29 November 2014, following the transition of government-funded paediatric services to Lady Cilento Children's Hospital.

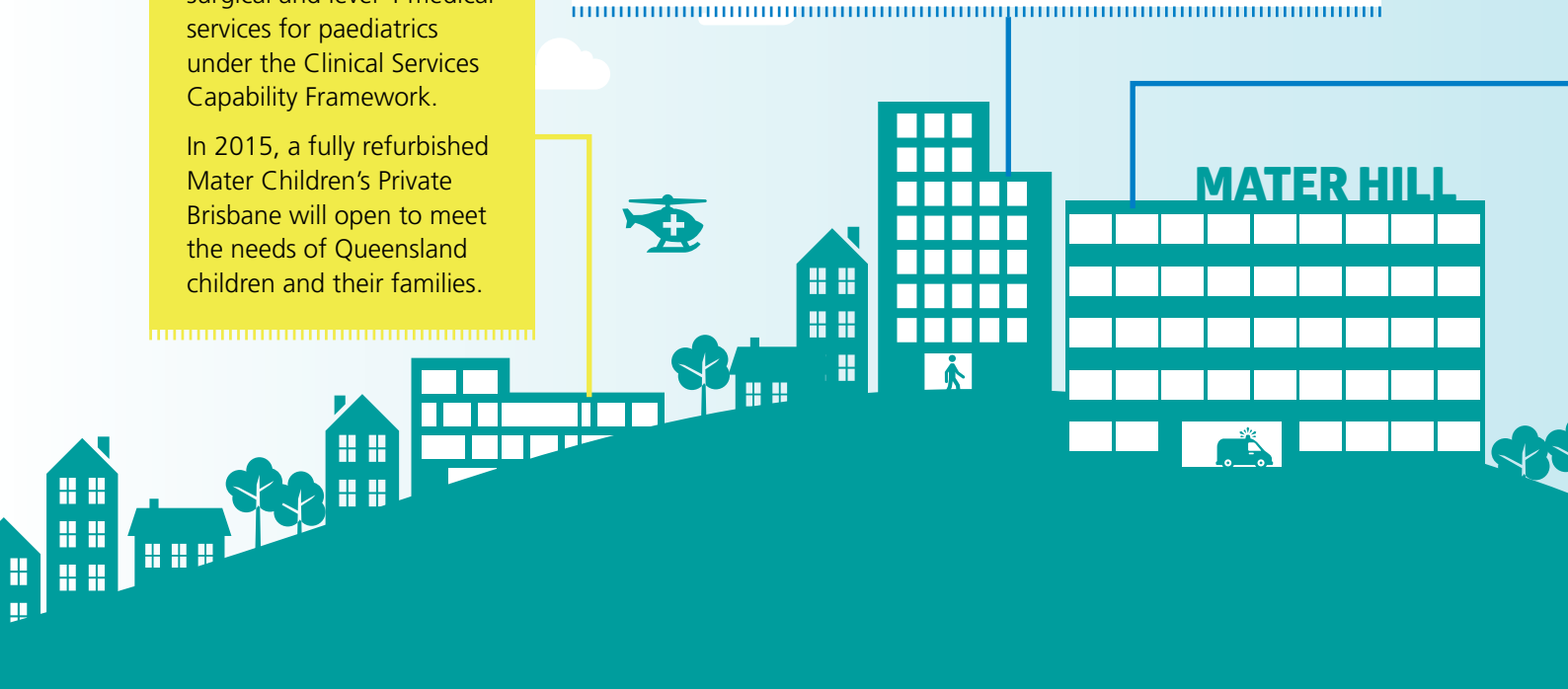
Mater Children's Private Brisbane is Queensland's only private paediatric hospital to provide level 5 surgical and level 4 medical services for paediatrics under the Clinical Services Capability Framework.

In 2015, a fully refurbished Mater Children's Private Brisbane will open to meet the needs of Queensland children and their families.

Mater Young Adult Health Centre Brisbane

As part of Mater's broader commitment to provide comprehensive care which meets the needs of young adults, the Mater Young Adult Health Centre Brisbane will offer a dedicated healthcare environment specifically designed for patients predominantly aged between 16 and 25 years.

Featuring innovative service models focused on the patient's primary condition as well as the associated impacts on adolescent social, emotional, and educational development, the service will help patients and their families through transition from paediatric services into care during the young adult period and subsequent transition to adult services. The centre will comprise an Emotional Health Unit (the only private service of its kind within Queensland), as well as inpatient and outpatient services.



The Mater Centre for Neurosciences will provide the first dedicated unit in Queensland for **epilepsy** patients who require diagnostic procedures, monitoring, case conferences and surgery. The new service will provide comprehensive support for Queenslanders affected by epilepsy. Mater's advanced epilepsy service will specialise in the management of patients with the most complex cases who will be referred by general neurologists throughout the state.

Mater Pathology

The Mater Pathology Redevelopment Project commenced in 2014. The works involve refurbishing areas within level 3, Duncombe Building to allow for the relocation of the Anatomic Pathology and Cytogenetics Departments from Mater Hospital Brisbane. The works will also involve changes within levels 6 and 7, Mater Hospital Brisbane to both refurbish areas and create a new office for the Mater Pathology administration team.

Mater Centre for Neurosciences

Mater's proud neurosciences history began in 1954 with the formation of Queensland's first neurosurgery department with Dr Peter Landy as physician and Dr Geoff Toakley as neurosurgeon.

Mater's commitment to neurosurgery is still evident today through our adoption of state-of-the-art technology and clinical practices, and this commitment will continue to grow with the opening of the Mater Centre for Neurosciences in 2015.

Located within the Salmon Building, the centre will provide services for adults, adolescents, and young adults seeking specialised care for neurosurgery, spinal surgery, neurology and **epilepsy**.

The centre will be the first 'Neuroscience Centre of Excellence' within Queensland and one of only a few in Australia.

Mater Hospital Brisbane

Mater Hospital Brisbane has been delivering compassionate care to the community of Brisbane since 1911. This commitment continues today with the planned expansion of government-funded adult health services including gastroenterology, orthopaedics, general medicine, general surgery, respiratory services and urology. Increased activity is due to commence in 2015 as additional theatres become available.

Exceptional services



Keeping people connected

The provision of free Wi-Fi was one way Mater reinforced its commitment to provide a comprehensive range of services to meet the evolving needs of our community. The service is now available to Mater patients and visitors across a number of areas within the South Brisbane campus (an extension to Wi-Fi offered to inpatients).



Smooth arrival

Almost 350 families at Mater Mothers' Private Brisbane accessed the complimentary priority parking services provided by Mater volunteers during 2014. The service assists families on their day of discharge by having their vehicle ready near the entrance of the hospital for their departure.

It is an extension of the existing concierge service Mater Volunteers provide—assisting new parents with luggage and flowers, escorting visitors, and taking family photos—all of which support the provision of exceptional care for our patients.



and departure



Staying on track

Women birthing at Mater Mothers now have access to the Mater Personalised Pregnancy Weight Tracker® to support healthy weight gain during pregnancy. Gaining either too much or too little weight during pregnancy can potentially impact both mother and baby. This evidence-based resource, developed by Mater dietitians, allows women to track their weight gain against international and Australian guidelines based on their individual circumstances. The weight tracker also supports healthcare professionals in the provision of tailored care for women during pregnancy.

Mater maternity and baby care range welcomes new addition

Mater nappies

Mater's maternity and baby care range, developed by Mater Midwives + Mums, continued to expand in 2014 with the launch of Mater Nappies.

With five sizes to suit growing babies up to toddler age, Mater Nappies complement the existing product range—Mater Baby Wash, Mater Baby Moisturiser and Mater Body Balm for Pregnancy. Additional products will be launched in 2015.

Award winning!

The first product from the range—Mater Body Balm for pregnancy—was awarded the bronze award in the 2014 *My Child Excellence Awards*. The awards ask Australian and New Zealand mums to vote on a range of products, and our body balm won bronze in the 'Favourite Mum's Product' category.



More than **3000** Midwives + Mums helped create our Mater Products. They were involved in every step of product research and development.



The Mater Products retail partners network expanded significantly in 2014 to include more than **180** pharmacies and more than **200** IGA and Supa IGA supermarkets.

In 2014, more than **30 000** sample product packs were sent to external stakeholders—that's an average of more than **82** packs each day!

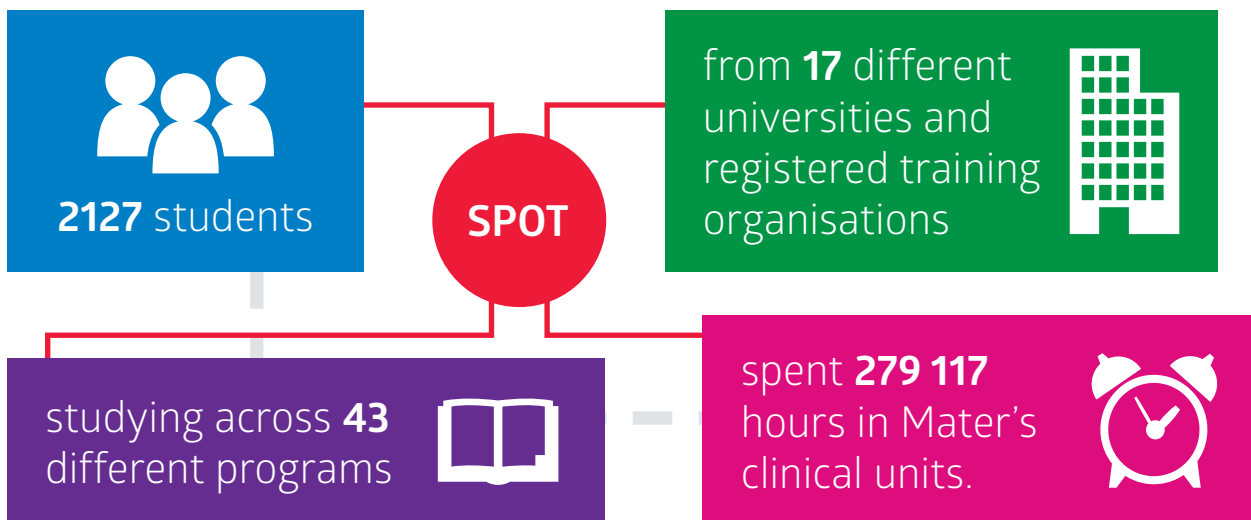


SPOT the difference



After being highly commended at the Annual Australian Council on Healthcare Standards (ACHS) Quality Improvement Awards, the use of Mater Education's Student Placement Online Tool (SPOT) has expanded to include several external healthcare clients.

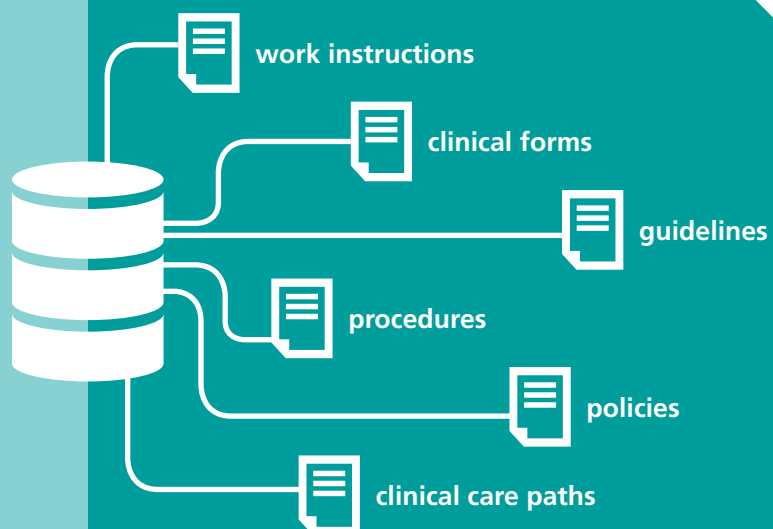
Spot is a web-based solution for managing and coordinating students and clinical placements. More than 2000 students used SPOT in 2014, with the reporting functionality of the program featured nationally in *The Australian*.



Managing our documents

Mater launched a new Document Management Framework in 2014, to effectively house all of Mater's key corporate documents such as policies, procedures, guidelines, work instructions, clinical care paths and clinical forms.

Effectively housing all key documents in one, integrated system, further strengthens Mater's ability to deliver safe, exceptional care to our community.



An Australian first



The transformation of one of Mater's heritage-listed buildings commenced in 2014, following the announcement of an Australian-first collaboration between Mater and The University of Queensland.

The alliance will see the Whitty Building (originally Mater Public Hospital) converted into a world-class education centre, which will include training facilities and a clinical school for medical, nursing and midwifery and allied health students.

Building on a long-standing relationship between Mater and The University of Queensland, the agreement supports the development of a unique and outstanding clinical teaching environment which will allow students to experience the best of theory and practice in a tertiary teaching hospital.

As part of its transformation, the Whitty Building will be given an external facelift to update its façade, while staying true to its heritage value. The main entry will be upgraded, a new annex constructed between two of the current wings and landscaping undertaken within the surrounding area.

Preparatory works commenced in 2014, setting the platform for construction in 2015.

The alliance is one way Mater is achieving its goal of safer, optimal patient outcomes through inter-professional education and practice.



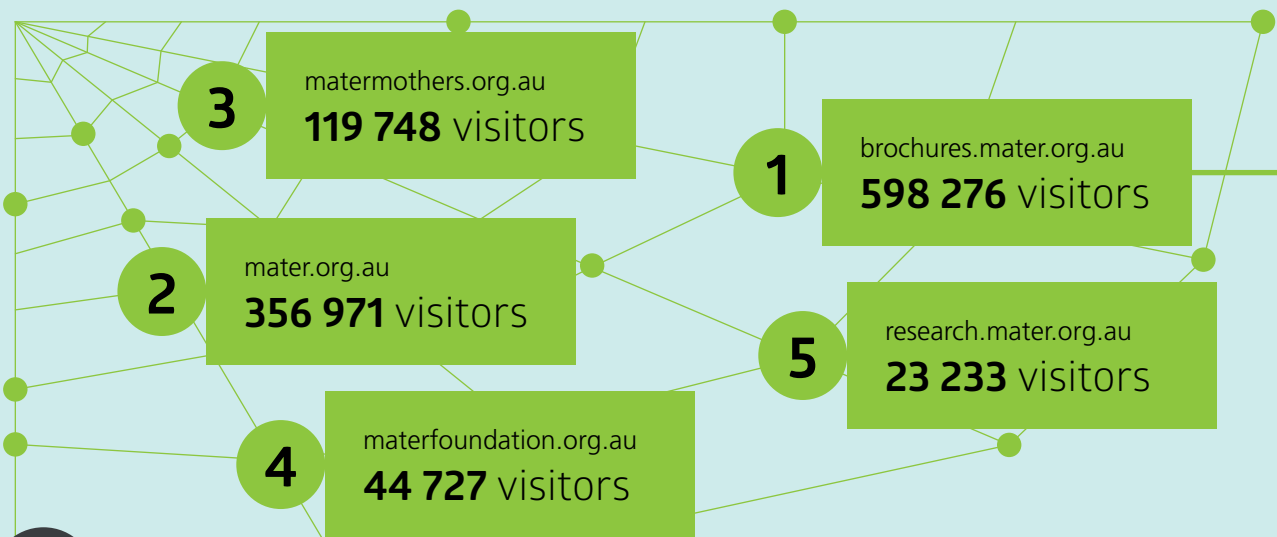
When it opens in 2016, the clinical school will be able to accommodate more than **400** students and **65** teachers.



The hit count

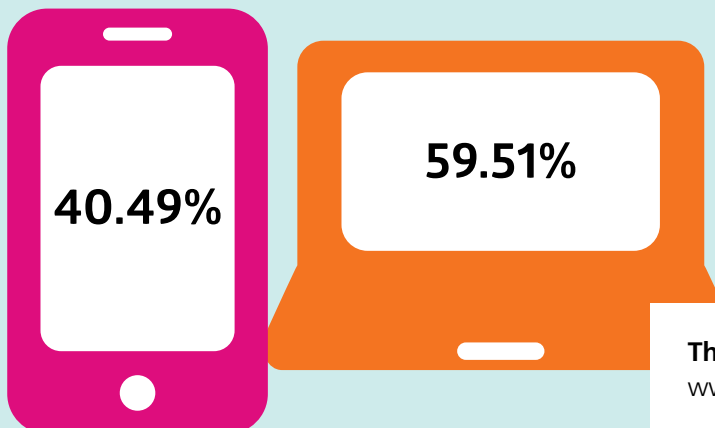
Mater's online environment continued to expand in 2014, as we engaged with our consumers across a variety of platforms, including via our websites. Here's how we reached our audience in 2014.

Our top five most popular websites (unique visitors):



That's **1 189 000** unique visitors to these websites in 2014 ... or **3257** new visitors every day.

How are people accessing our sites?



When are our users online?



Across our top five sites, we had the most visitors at 11 am and 2 pm and the most popular days of the week were Tuesday and Wednesday.

The most popular page on mater.org.au?
www.mater.org.au/mphb

brochures.mater.org.au



11 768 people provided feedback.

That's an average of 980 per month.



83 per cent positive feedback.



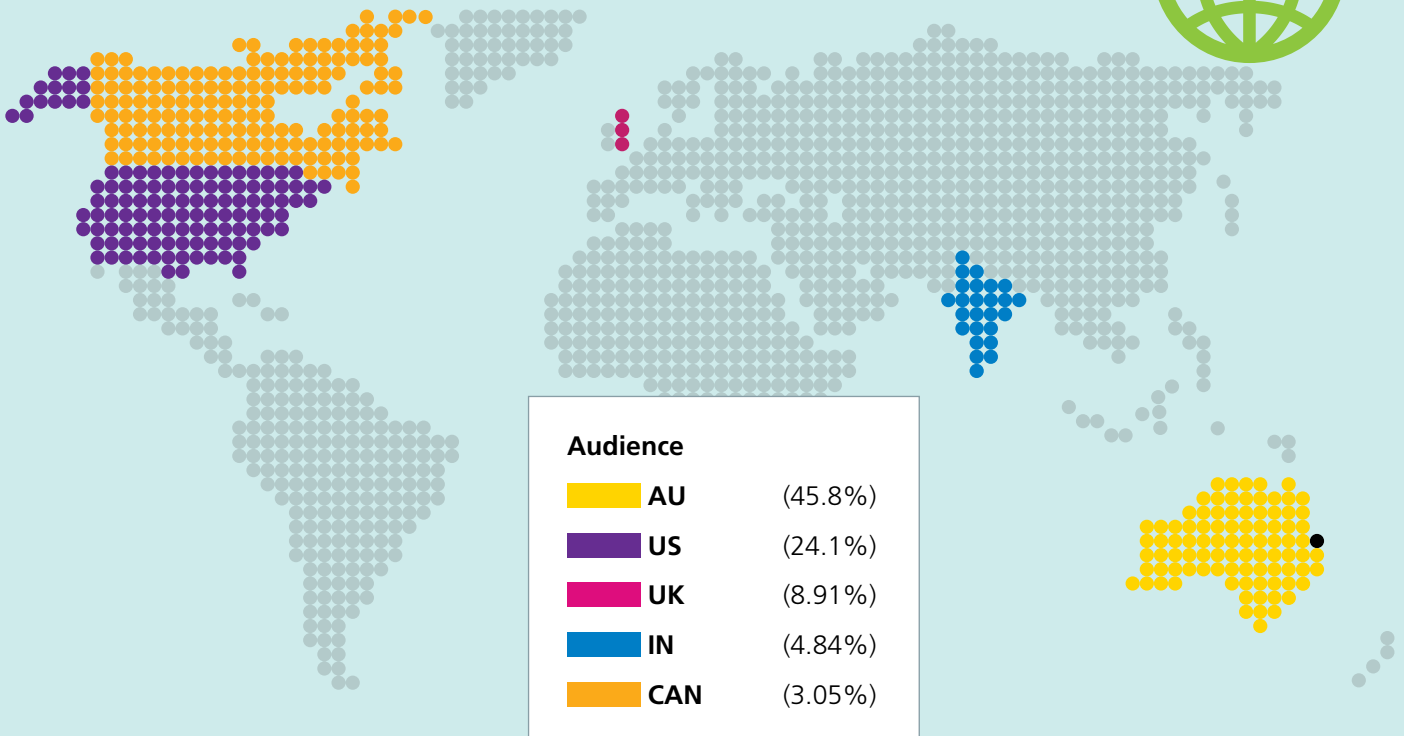
That's 9590 people.

718 598 visits to the brochures website

by 598 276 visitors



resulting in 909 294 page views.



Through partnerships with other healthcare providers, research institutes, tertiary education providers and community organisations, Mater continues to integrate health, education and research for a healthy community.



Caring for one of Brisbane's most vulnerable populations

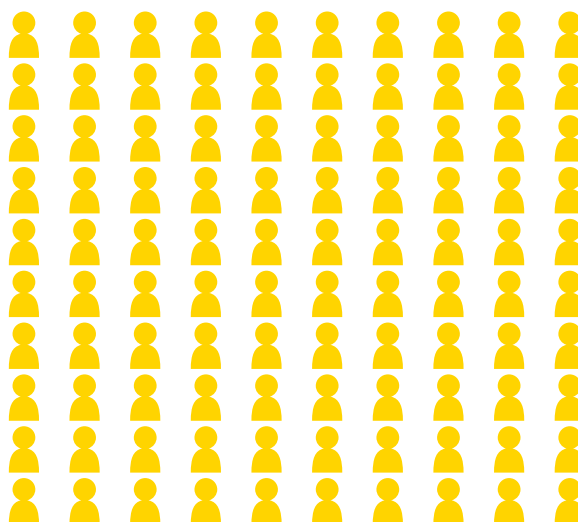


Homeless to Home Healthcare

The benefits of *Homeless to Home Healthcare After-Hours Service*—a partnership between Mater and other health and social support agencies—were highlighted at a special forum Mater hosted in April 2014.

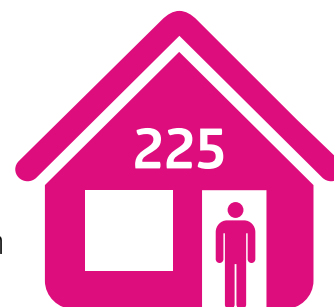
The service—a partnership between Mater, Micah Projects, St Vincent's Private Hospital Brisbane, then Medicare Local Greater Metro South Brisbane and Medicare Local Metro North Brisbane—integrates nurses with outreach teams to provide healthcare to homeless and vulnerably housed individuals across Brisbane city, while also supporting them to end their homelessness.

Professor Luke Connelly from The University of Queensland presented an economic evaluation of the service, which was established in 2012, to more than **100** people at the forum.



Key findings

The partnership has helped more than **225 people** move from homelessness to permanent housing since its inception



Inpatient hospital admissions from this population decreased by **37 per cent**

Visits to emergency departments decreased by **24 per cent** as a result of healthcare provided through the service



Savings of **\$6m**

The overall saving to the Queensland health system resulting from this initiative was estimated at more than **\$6 million** per annum, compared to a cost of \$503 000 to deliver the service.



500 lives. 500 homes.

Following the success of the **50 Lives 50 Homes** campaign to house and support Brisbane's homeless population, Mater has once again collaborated with a number of agencies for the **500 Lives 500 Homes** initiative.

Drawing on internal research, the initiative is an ongoing campaign to break the cycle of homelessness for families, young people and adults across Brisbane and involves a number of government, community and business agencies.

The program promotes linking people with affordable housing, healthcare and community services to improve their quality of life.

People who experience homelessness in Brisbane have done so on average for six years, and of this population:

30 per cent had a brain injury or a history of head trauma

seven per cent have cancer

67 per cent have a serious health condition

19 per cent have heart disease or arrhythmia

38 per cent are tri-morbid, with a co-occurring psychiatric and substance abuse disorder coupled with a chronic physical health condition*.

*data courtesy of 500 homes 500 lives

Mater Education formalises partnership with Center for Medical Simulation

Following a number of successful collaborations, Mater Education and the internationally renowned Center for Medical Simulation in Boston signed an Affiliate Agreement in 2014, formalising a long-standing working relationship.


Mater Education has successfully hosted the Center for Medical Simulation's highly regarded simulation instructor training program—Simulation as a Teaching Tool—since 2013.

The Center for Medical Simulation has shared faculty and governance through the Board of Trustees with Harvard University Medical School, and as an Affiliate, Mater Education now has unique access to a team of international leaders in the field of simulation.

The Affiliation will assist Mater Education in developing further as an outstanding educational enterprise across Queensland and Australia.

Supporting the simulation




Mater volunteers supported the provision of simulation-based training in 2014, acting as patients, relatives or support people to enhance programs provided by Mater Education.



4

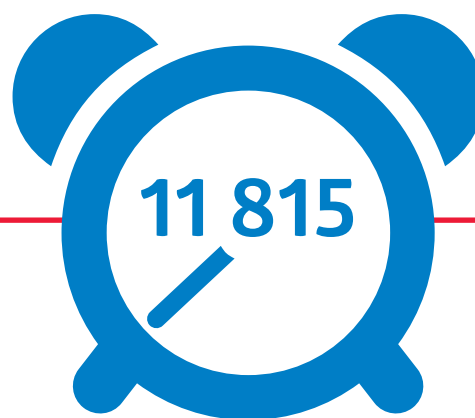
The number of presentations delivered by Mater Education representatives at the Simulation Australia 2014 Sim-Health Conference. The presentations showcased Mater Education's leading work in health service-based simulation.

Key objectives of the Affiliation

- Obtaining international simulation accreditation 
- Collaborating on new curricula and programs
- Developing high-performing inter-professional teams 
- Using simulation to positively impact patient safety outcomes via education, training and integration of organisational systems 

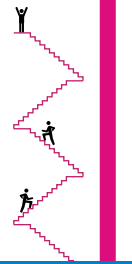
Stimulating simulation

Mater Education proudly hosted the simulation-based *Training in Professional Skills*—a program developed and delivered by the Royal Australasian College of Surgeons—in 2014. Incorporating a number of simulation methodologies, participants travelled from across Australia to attend the training, which Mater Education will host again in 2015.



The number of hours the 2225 simulation-based program participants spent in training during 2014.

Collaborating to improve outcomes for cancer patients



Prostate cancer research boosted

Mater Research programs into prostate cancer received a corporate boost of **\$55 000** from Honda Power Equipment in 2014, courtesy of a donation to Mater Foundation.



Ten4Men—a fundraising campaign founded by Honda Power Equipment dealer Brian Williams in partnership with Mater Foundation—raises money for prostate cancer research.

Mater Research Associate Professor John Hooper and his team of researchers are working hard to improve the lives of men diagnosed with the disease and have discovered a cell receptor which appears to be able to be blocked to reduce the growth of tumours in the bone.

“The support of donors is absolutely essential to take this new prostate cancer discovery forward,” Associate Professor Hooper said.

Free programs for women affected by breast cancer

Mater chicks in pink and Mater Private Breast Cancer Centre Brisbane and Redland began offering a newly developed range of free programs to help women affected by cancer by introducing coping strategies and building resilience.

Incorporating physical rehabilitation, motivation and lifestyle management, a mothers’ group and a support and self-care program, the sessions cover a broad range of topics to assist through various stages of cancer.

Alliance to bring leading cancer therapy to Australia

An Alliance between Mater and Proton Therapy Australia to build Australia’s first proton therapy facility means that Australian cancer patients are a step closer to receiving life-changing treatment in Australia. Currently, Australians must travel abroad to receive proton therapy, which delivers radiation directly, painlessly and deeply into tumours, minimising injury to surrounding healthy tissue. Proton therapy is vitally important in the treatment of certain cancers in children, tumours of the eye and base of skull, and is becoming the treatment of choice for a number of other cancers. The therapy facility will be co-located with Mater and the first patient treatment is anticipated in 2017.

Climb for Cancer

A team of Mater Researchers climbed 37 flights of stairs to help raise funds for cancer research at Mater in 2014. The beneficiary of funds raised via the event, Climb for Cancer contributed more than **\$210 000** to Mater Research.



Hitting the right notes



The miracle of Christmas

One of Brisbane's favourite Christmas traditions was made even more special in 2014, with proceeds from the IGA Lord Mayor's Christmas Carols supporting **Mater Little Miracles**.

The event, held at Brisbane Riverstage in December, featured a number of Australia's most renowned performers and attracted thousands of people.

By supporting Mater Little Miracles, the event helps contribute to the specialist life-saving care Mater Mothers' Hospitals provides to seriously ill and premature babies.

Sing for health

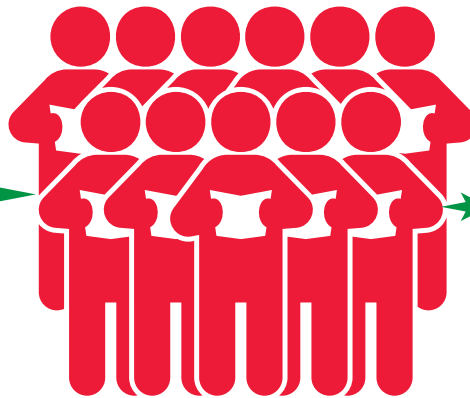


More than 30 Mater staff, patients and volunteers collaborated to form the 'Sing for Health' choir in 2014.

Many of the patients involved experienced a number of health issues including stuttering, hearing impairment and stroke.

Research indicates that group singing can positively impact health, and the choir allowed participants to not only release any stress, but brought together those with a love of singing and music on a common ground.

After a successful first performance at Mater Mothers' Hospital in April, the group returned in December as part of a festive 'Music in the Mothers' program which comprised a number of special performances for staff and patients in the lead up to Christmas.



Mater Products available in IGA

Mater's long-standing partnership with IGA was strengthened in 2014 as Mater's range of maternity and baby care products became available for purchase from selected IGA and Supa IGA stores throughout Queensland and northern New South Wales.

IGA has supported Mater Little Miracles for more than a decade,

contributing more than **\$2 million** to support the provision of exceptional care to mothers, babies and children at Mater.

With proceeds from our Mater products' range supporting Mater Little Miracles, this partnership also supports research and clinical care, helping mothers and babies Australia wide.



Golden Casket donation supports Mater Research projects



Golden Casket, a long-term Mater supporter, donated **\$500 000** to Mater Foundation in early 2014 to support a number of research projects, including a trial investigating whether the use of alternative natural therapies can help women fall, and stay, pregnant.

2014

Pay

Mater Foundation

The sum of

Five hundred thousand dollars

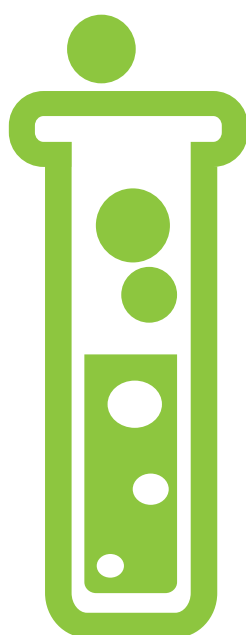
\$500 000

The trial will help Mater patients like **Kristie Kelly**, who was almost ready to give up on her dream of having another baby when she was referred to a fertility trial being undertaken at Mater Mothers' Hospital—made possible by the Golden Casket donation.

Kristie delivered a healthy baby girl at Mater Mothers' Hospital.

Thanks to funding from Golden Casket and Mater Foundation, Mater Mothers' Hospital is the only clinical research site within Australia which addresses a number of common pregnancy issues using natural fertility enhancement.

Golden Casket has supported Mater since 1921, contributing to the ongoing provision of exceptional care to millions of Queenslanders.



Fostering the next generation of researchers

Mater Researchers collaborated with All Hallows' School and Somerville House students to complete short projects, to allow the students to contribute to real life medical research.

Students looked at bone and repair research, diabetes and obesity, ovarian cancer, stem cell research and healthy development of babies, before presenting to teachers, parents and researchers at Mater's state-of-the-art laboratories at the Translational Research Institute.

The project fosters the next generation of medical research and strengthens the relationship between Mater and both schools.

Engaging with our community



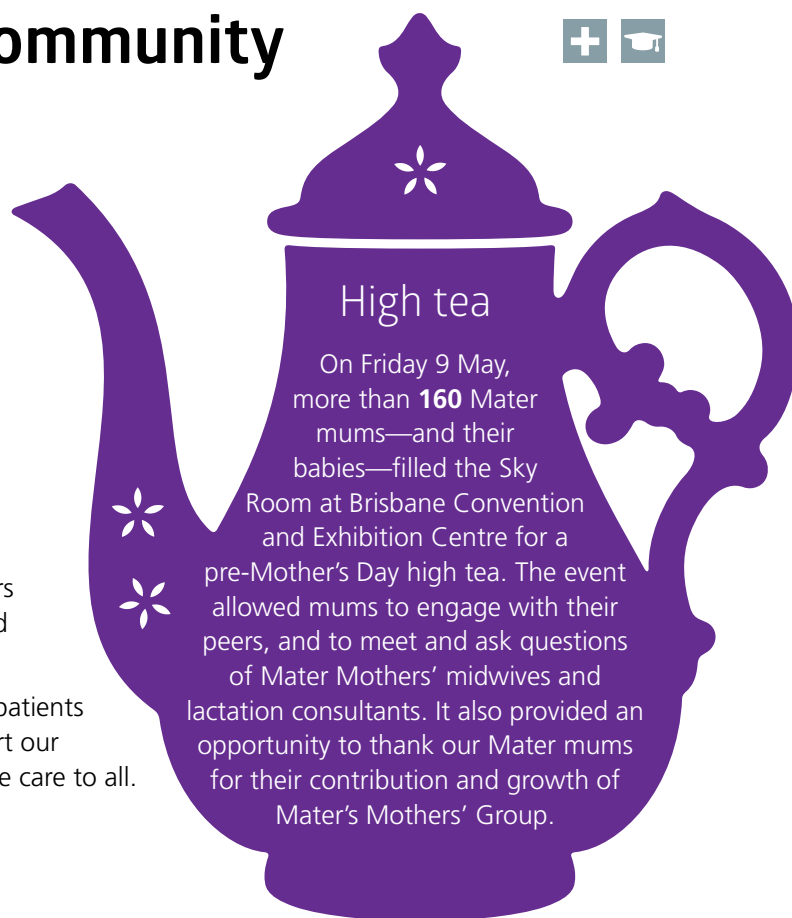
Mater is committed to engaging with our consumers to support the successful integration of health, education and research for a healthy community.

We continue to strengthen partnerships with consumers across our organisation to allow the perspectives of our patients, their families and carers to contribute directly into the planning, delivery and evaluation of exceptional care.

These partnerships are also critical to empowering patients in the management of their own health and support our continual goal to deliver the safest and best possible care to all.



Here's a snapshot of how we engaged with our consumers in 2014:



During 2014, Mater's Mothers' Group expanded from **109** to **894** members.

After surviving streptococcal toxic shock, and waking to find his limbs had been amputated, Mater patient Matthew Ames began a long rehabilitation process at Mater Private Hospital Annerley Road. He and his family captured the hearts of Australians with his resilience, positivity and determination following his illness. Matthew's wife, Diane, presents to Mater People about the importance of family and the exceptional support their family received at Mater, providing an insight into the impact of truly listening to our patients during their time of need.

Against all odds



World Breastfeeding Week



Each year, Mater Mothers celebrates World Breastfeeding Week to highlight the importance of promoting and supporting breastfeeding.

As an extension of the care we provide women and their families, Mater Mothers hosted a special web chat with members of Mater's Mothers' Group, providing mothers a chance to ask questions of our midwives, and engage with other mothers.

The feedback Mater receives from mothers helps improve the services offered to women before and during pregnancy, and after the birth of their baby.

Paul Smith joined Mater's Patient Safety Committee as a consumer representative in 2014, with a committed vision to positively impact patient safety, and the overall patient experience. Paul brings a wealth of personal experience, contributing to the consumer and community engagement strategy.

Patient Safety Committee



Since becoming quadriplegic after an accident at age 17, Kieron D'Netto has become one of Mater's most inspirational consumer representatives. Providing a unique perspective on life as a quadriplegic and the impact of care on individuals and carers, Keiron has contributed to nursing education and presented at several events highlighting the value of Mater nurses and their positive impact on his patient experience.

The importance of our nurses



The importance of the relationship between a nurse and patient is highlighted by Mater patient representative Gen O'Regan to our Diploma of Nursing students. Gen has many years of experience as a patient, and aims to keep the patient perspective at the centre of a student's learning journey, presenting to groups during their first semester of study.

Mater Education Diploma of Nursing

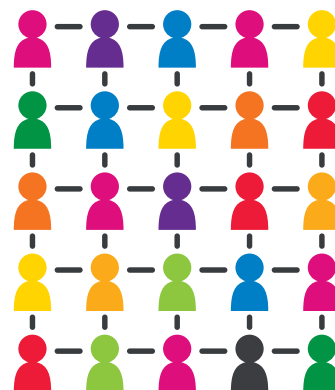


Mater Young Adult Health Service



A youth advisory service group comprising 15 young people who are either former Mater patients, or who will potentially access the Mater Young Adult Health Service have helped shape the service from the early stages of its development.

The group, formed in August 2014, provides representation and a consumer voice across a number of health sectors and from the perspective of various health conditions. A broad range of cultural and linguistic backgrounds are also represented within the group, who have been consulted on a number of aspects of service design.



SafeQuest: for a safer Mater community

SafeQuest is a combination of safety initiatives, risk management strategies and communication programs designed to address priority issues and build on the culture of safety across the entire Mater community. It involves collaborating with our patients to create the safest possible Mater community.



THROUGH SAFEQUEST, MATER
AIMS TO ACHIEVE ZERO
PREVENTABLE HARM FOR PATIENTS,
STAFF AND VISITORS.



Sharing our safety results

Mater's SafeQuest website allows our community to view safety and quality performance data from all our hospitals across a range of key measures including infection control, falls prevention, medication management and emergency care.

Mater is only the second private hospital within Australia to broadly publish its safety data. This commitment to safety is a reflection of our Mission to provide the highest standard of care, always look for better ways to deliver this care, and live up to our Values of Mercy, Dignity, Care, Commitment and Quality.

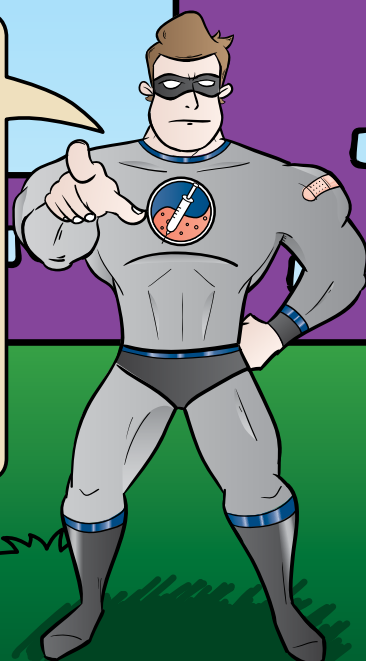
SafeQuest initiatives

- Hand Hygiene
- Medication Safety
- Falls Prevention
- Clinical Handover
- Pressure Injury Prevention
- Recognition and Response to Deteriorating Patients
- Venous Thromboembolism Prevention
- Blood and Blood Transfusion Safety
- Patient Identification and Procedure Matching

These initiatives are underpinned by an organisation-wide commitment to SafeQuest and all have unique targets and goals which contribute to Mater's continuous improvement.

Be a hero: get vaccinated!

Thank you to all Mater People who were heroes in 2014! Thousands of free vaccinations were provided to Mater staff, students and volunteers as part of our 2014 'flu' vaccination campaign.



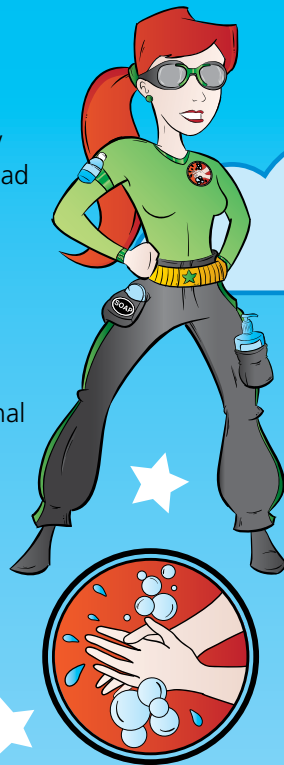
Hand Hygiene stars ★

Hand Hygiene is one of *SafeQuest's* key safety and quality programs; and is a vitally important practice in the reducing the spread of infections.

Mater's infection control team undertake more than **4000** observations each month across all Mater hospitals to measure hand hygiene compliance.

Mater People continually exceed the national target of **70** per cent compliance set by the Australian Commission on Safety and Quality in Health Care.

Mater Hospital Brisbane's Coronary Care Unit team have been a constant Hand Hygiene Star Performer, consistently achieving above **80** per cent compliance, and even reaching a record **98** per cent compliance. Well done!



From the top

SafeQuest began when CEO, Mater Health Services Dr John O'Donnell and Mater's Board challenged all Mater People to commit to developing a safety culture which pervades the entire organisation and provides a safe environment for all.

Whether you are a visitor, a patient, a staff member or volunteer, you can influence the way we do things at Mater, and we welcome your commitment to *SafeQuest*.

"Everybody at Mater—patients, staff and visitors—is important in helping us to identify ways to improve our systems and provide safer care for our community. Safety is everybody's job"

Dr John O'Donnell

To the core

The six core features which underpin *SafeQuest*:

1. Safety culture
2. Accountability and leadership
3. High reliability
4. Safety learning
5. Measurement
6. Patient involvement

ROLL UP YOUR SLEEVES!

A key clinical safety and quality initiative, Mater's Patient Blood Management Program, has:

- minimised waste associated with blood transfusions
- improved guidelines
- reduced the cost associated with blood transfusions
- resulted in the more efficient collection and use of blood, supporting the provision of patient care.

Caring for the whole person



Celebrating cultural diversity

Mater provides interpreting services to **25 000** patients each year for the five per cent of all patients whose first language is not English. One such patient is Yinguang Zhang, diagnosed with ovarian cancer 13 years ago in her homeland of China. After moving to Brisbane with her husband 18 months ago to be closer to their only daughter, Mrs Zhang was nervous about managing her condition in Australia.

"The first time I came to Mater for my appointment I was treated with respect and made to feel at home. Everyone has been very sensitive and it has made the process much easier for me and my family," Mrs Zhang said through her Mater interpreter Lingling Holloway. Lingling is one of two full-time in-house interpreters at Mater.

"My role is to bridge the language and cultural gap between patients and Mater's clinical staff. The interpreter service is essential for patients with limited English proficiency and it delivers the best outcomes for patients," Lingling said.

Top five languages requiring interpreter services:



How do we provide these services?



Love your liver



Mater's Dr Mazhar Haque, clinical nurse Burglind Liddle and members of the Cultural Diversity Unit promoted the importance of liver health at a special community event held for Brisbane's Chinese community in 2014. It was the second time the team have gone out into the community, following a similar session held in 2013 for the Vietnamese community. There are plans to undertake another event in 2015 within Brisbane's Sudanese community.

Care during life's toughest moments

Mater hosted a special forum in October 2014 to showcase traditions associated with 'end of life' care across various faith traditions. Distinguished speakers offered knowledge and insights on the spirituality and beliefs from their particular faith (Islamic, Buddhist and Catholic) and cultural (Indigenous) perspectives and rituals observed to offer comfort and peace to patients during end of life care.

Research continually highlights the importance of preserving a sense of personhood, particularly in end-of-life patient care. Spirituality, beliefs, and their expression through ritual, are central to keeping intact a patient's sense of personhood, triumphing over the ravages of illness and death.

Collaborating to meet community needs



Mater Aged Care in an Emergency



Research in the field of aged care indicates residents living in aged care facilities present to hospital emergency departments more frequently than those living in the general community.

They also experience higher admission rates and longer stays in hospital.

In response to these findings, Mater Hospital Brisbane has introduced a 12-month pilot delivery program—Mater Aged Care in an Emergency—to guide and support aged care facilities with clinical care decision making when their residents become unwell.

Mater Aged Care in an Emergency is a nursing-led, clinical support service designed specifically for those involved in the medical journey of aged care facility residents, with the goal of providing those residents with the best care, in the right environment, at the right time.

The pilot program aims to reduce avoidable presentations, reduce admissions and readmissions of aged care facility residents into Mater Hospital Brisbane via emergency, as well as reduce the length of stay for those admitted for treatment.



The pilot program combines 24-hour clinical telephone support, complex care coordination including telehealth chronic disease management, and educational support to aged care facilities, with clinical governance provided by Mater emergency specialists and physicians where required.

Australia's 10 000th cochlear implant

It has been 26 years since surgeons performed the first cochlear implant on a patient at Mater. In June 2014, 45-year-old Mater patient Christine Dougall became the **10 000th** cochlear implant recipient in Australia. Christine was born with

normal hearing but started to lose her hearing from five years of age and has lived with profound hearing loss from 16 years of age. To mark the occasion, then Health Minister Hon Lawrence Springborg MP visited Mater to join with staff and Christine's family as her implant was switched on.

It has been more than 30 years since Professor Graeme Clark began the hearing revolution that became Cochlear's life-changing technology, the cochlear implant.



2014



2050

One in six Australians are hearing impaired—a figure expected to rise to **one in four** by 2050 due to our ageing population.

Fit to fundraise



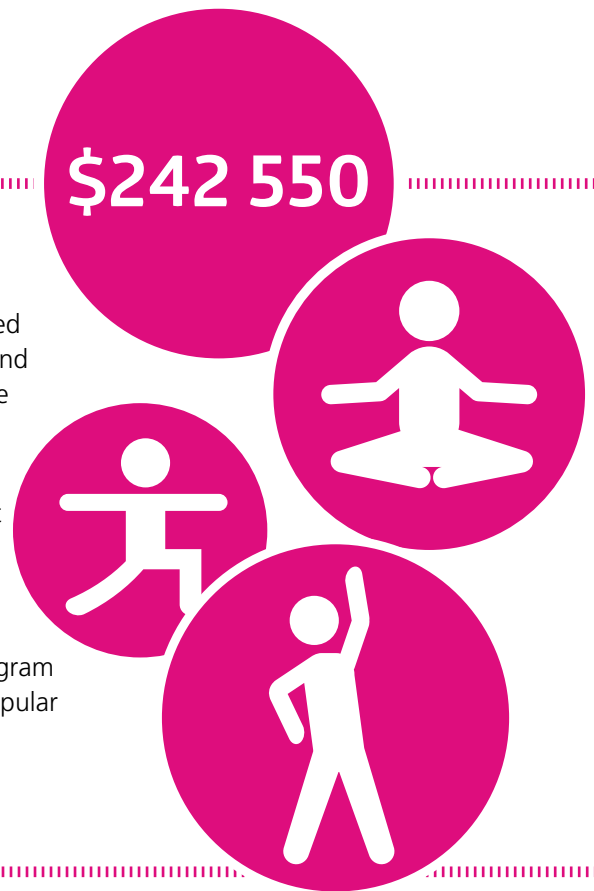
\$242 550

Busting a Move for Mater chicks in pink

In the four years since 'Bust a Move for Breast Health' was launched in Canada, the high-energy fundraiser has enjoyed huge success and attracted a loyal following. In 2014, Mater Foundation brought the Bust a Move model to Australia; and the first-ever Brisbane event attracted **207** participants.

Touted as an 'exhilarating six-hour fitness extravaganza', the event comprised six one-hour fitness sessions, including yoga, aerobics and dance. Pampering massages were also on offer and women affected by breast cancer shared inspirational stories of hope.

Star trainer Shannan Ponton from *The Biggest Loser* television program signed on as a celebrity ambassador for Bust a Move, leading a popular workout session on the day. The event raised **\$242 550** for Mater chicks in pink, which provides practical support services for breast cancer patients and breast cancer research at Mater.



Mater chicks in pink receives a gift that keeps on giving

START

In 2014, Mater Foundation received a special gift. Not uncommon in itself, but in this case it was something you don't see every day. The gift was International Women's Day Fun Run, and it came to the Foundation courtesy of the Brisbane Road Runners' Club.

Since 2009, Mater chicks in pink had been the charity beneficiary of the Brisbane Road Runners' signature event and it has now entrusted to Mater Foundation to host, promote and nurture ... and importantly, to raise funds to support women with breast cancer.

And, Mater Foundation did just that. In the lead-up to event day, RACQ Insurance signed on as naming sponsor, and more corporate sponsors partnerships formed as momentum built and curiosity peaked.

On Sunday 9 March, **8000** people gathered at South Bank. The fun run was a great success, raising almost **\$250 000** for Mater chicks in pink to provide invaluable assistance to women with breast cancer when they need it most.

\$250 000

FINISH

Straight to the top

The One One One building on Eagle Street, Brisbane, is an impressive building and it was certainly an impressive sight when **300** brave participants ascended its **1040 stairs** to raise funds for prostate cancer research.

River to Rooftop, held on 12 September, saw participants race up **55** flights of stairs to the top of Brisbane's tallest office tower.

The inaugural event raised **\$58 000** to support the one in six men diagnosed with prostate cancer each year.



300 participants

55 flights

1040 stairs

\$58 000



Adventure fundraising heads to the Far East

For the past three years, Mater Foundation has led a team of adventurers into some of the wildest and most amazing corners of earth. They have climbed Mt Kilimanjaro and trekked The Great Wall of China.

In 2014, 16 Mater People, including Mater Chief Executive Officer Dr John O'Donnell packed their bags—bound for the extraordinary destinations of Cambodia and Vietnam.

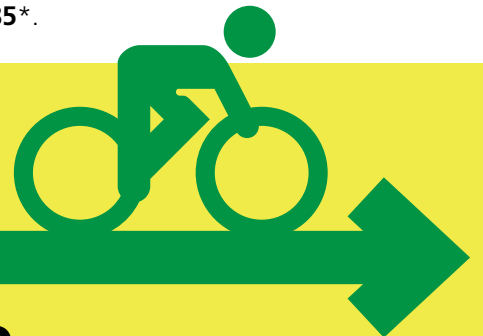
The Cambodia–Vietnam Cycle for Cancer event wouldn't just be sight-seeing and shopping, the team was there to cycle **300** kilometres—an average of **60** kilometres each day.

They raised **\$183 019** to support the Mater Research team conducting world-class research into common cancers that affect women, including breast and ovarian cancer.



They were driven by a common cause—to help change this statistic:

One in three Australian women will be diagnosed with cancer before the age of 85*.



300 kilometres \$183 019

*Source: <http://canceraustralia.gov.au>

Partnering with our Proud Mater Dads



In 2014, Mater was lucky enough to capture some precious first moments between our Proud Mater Dads and their new babies. We then shared these moments as part of our Proud Mater Dad Father's Day campaign, encouraging other dads to share their beautiful moments with us.



The campaign reached **155 493** people



129 Proud Mater Dads shared their photos with us

Our Proud Mater Dad Facebook post was liked by almost **1500** of our followers, and reached an audience of more than **76 000** people.



One of our Proud Mater Dad stories also made the front page of the *Brisbane Northside Chronicle* ... here is Pavel's story:

Pavel and his wife Julie were 27 weeks through their third pregnancy when she was rushed to Mater Hospital Brisbane's Emergency Department with serious shaking, dizziness and swelling.

Julie, whose first two pregnancies ended in miscarriage, was diagnosed with HELLP Syndrome, a life-threatening pregnancy complication which is characterised by haemolysis, elevated liver enzymes and low platelet count. Julie was taken to the Pregnancy Assessment Unit at Mater Mothers' Hospital, and doctors advised her they needed to perform an emergency caesarean.

"When George was delivered, he looked perfect but he was so tiny," Pavel said.

Pavel said he was overwhelmingly happy when he first held baby George in his arms.

"It was the most incredible feeling to hold my son in my arms, words can't even explain," he said.



Baby George was born on 29 June 2014 weighing just 780 grams—not much more than a jar of peanut butter.



Julie was discharged after 10 days at Mater Mothers' Hospital and after spending almost 10 weeks in Mater's Neonatal Critical Care Unit, baby George was able to go home in time for Father's Day.

Collaborating for optimal outcomes



Brisbane family donates \$1.211 million for Mater Stroke Unit

The generosity of Denis and Eileen McEniery and their family will ensure Queensland stroke patients have access to the best possible care and rehabilitation services at Mater.



In recognition of care provided to Denis, Eileen and their family over four generations, the family gifted **\$1.211** million to Mater.

The donation has funded the Mater Stroke Unit project—a seven bed in-patient high care facility within the Mater Centre for Neurosciences—to be launched in 2015.

A specialised Stroke Coordinator and rehabilitation services will form part of the new service and extensive links with Stroke Foundation Queensland and the National Stroke Foundation will facilitate the optimal assessment, management and rehabilitation of stroke patients.

The McEniery family-funded Mater Stroke Unit will provide care to more than **6000** public and private patients over the next decade.

“Our family involvement with Mater spans decades, and always Mater has provided outstanding care.

“Our decision for the Denis and Eileen McEniery Fund to support and establish the Stroke Unit located within the Mater Centre for Neurosciences was based on our family experience of stroke. By supporting best medical practices in conjunction with ongoing research and education, we hope that the impact of stroke on the individual and families is ameliorated.

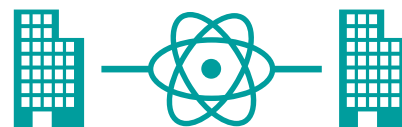
“We would encourage others to consider a gift to Mater Neurosciences, a gift which we see as benefiting all in our community.”

Christine Doilibi, for the McEniery Family

Improving chemotherapy treatment

MRI-UQ researchers Associate Professor Ingrid Winkler and Associate Professor Jean-Pierre Levesque will target reducing deadly infections which follow chemotherapy courtesy of a landmark licensing partnership between The University of Queensland and United States based company Biotech GlycoMimetics Inc.

Biotech GlycoMimetics Inc has developed an extensive library of compounds that mimic certain carbohydrates found on the outside of cells, known as ‘selectins’. Associate Professors Winkler and Levesque have developed an application for these compounds, known as E-selectin antagonists to help prevent chemotherapy from depleting white blood cells necessary to protect the body from infection.



MRI-UQ is an alliance between Mater Research and The University of Queensland, two leading institutions working together to achieve the best possible research discoveries in health and medicine.



Celebrations ...



In 2014, we celebrated the Mater People who support the provision of exceptional care, and acknowledged the services via which this care is delivered. The commitment of Mater People to provide compassionate service to those who need it most is a true reflection of the Mater Mission and Values, and is what continues to differentiate Mater as a Mercy-driven organisation.

Millions of amazing memories



6 July

A very special birthday

Sunday 6 July 2014 marked **83 years** of exceptional service to the community via Mater Children's Hospital. Special celebrations were held to acknowledge the final Mater Children's Hospital birthday prior its transition to Lady Cilento Children's Hospital.

A number of events were held during week-long celebrations to mark the hospital's final birthday including special birthday cakes across the Mater campus, and a spectacular birthday party in the Circus of Dreams for staff and patients.

Patients were also treated to a visit from Brisbane Broncos players David Hala and Jarod Wallace.



Mater Nurse Paula Lambert and Miracle Max celebrated Mater Children's Hospital's 83rd birthday.

22 August

Doctors' Alumni honour Mater Children's Hospital

Mater Doctors gathered at the annual Alumni Dinner on Friday 22 August to celebrate and farewell Mater Children's Hospital. Past and current doctors attended the evening to formally recognise the significant contributions of Mater Children's Hospital to the community.



Dr Martin Wood and Dr Nicole Dever.



Dr John and Mrs Ann O'Donnell.



1 November

Farewell Mater Children's Hospital

On 1 November 2014, more than 250 people gathered to farewell Mater Children's Hospital and reflect on **83 years** of exceptional service to the community.

Sisters of Mercy and dignitaries of the Catholic Church and government gathered with Mater People and members of the community to share stories and express their thanks.

It was an opportunity to pause, to share some of the millions of amazing memories from the past 83 years, and to thank and farewell many exceptional Mater People for their contributions to not only Mater Children's Hospital, but the wider Mater community.

The formalities incorporated speeches from Most Reverend Mark Coleridge, Archbishop of Brisbane, Sister Catherine Reuter (Congregation Leader, Sisters of Mercy Brisbane), Mr Ian Maynard (Director-General, Queensland Health), Ms Susan Johnston (Chair, Children's Health Queensland Hospital and Health Board), Mr Brian Flannery (Chairman, Mater Health Services Board) and Dr John O'Donnell, CEO, Mater Health Services.



Members of the Sisters of Mercy Brisbane Congregation.

"It is the friendliness, talent and compassion of our people which has always defined the quality of care synonymous with Mater. We acknowledge the grief of closing an iconic hospital, as we look to our future, in which Mater will continue our commitment to provide exceptional care through all stages of life while upholding the Mission and Values of our founders—the Sisters of Mercy."

Dr John O'Donnell,
CEO, Mater Health Services

A number of past and present Mater Children's Hospital staff, volunteers and patients also participated in symbolic prayers of intercession to reflect the rich history of Mater Children's Hospital during its **83 years** of service to the community.



Dr John O'Donnell reflects on 83 years of exceptional care at Mater Children's Hospital.

Thank you to all Mater People who have contributed to the provision of exceptional paediatric healthcare at Mater Children's Hospital.

A month of celebrations



September was a special month at Mater: we recognised our long-serving people; those who demonstrated our Values in action; and joined as a team.

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
<p>10 September Staff Long Service Awards </p> <p>The contributions of more than 450 Mater People were celebrated at the 2014 Staff Long Service Awards—an annual event which formally acknowledges those staff who reach significant milestones of employment at Mater.</p> <p>Mater People who reached 10, 15, 20, 25, 35, 40 and 50 years of service were presented with a special gift in recognition of their service to Mater.</p> <p>Deputy Chairman of the Mater Board, Vince O'Rourke, Mater Chief Executive Officer, Dr John O'Donnell, Acting Chair Mercy Partners, Garry Everett and members of the Mater Executive joined with Mater People to celebrate those staff receiving an award.</p>				<p>12 September Mater Staff Spring Gala</p> <p>More than 1100 Mater People enjoyed a night to remember at the 2014 Mater Staff Spring Gala. The special event was hosted by celebrity MC, Dr Andrew Rochford and included prizes, entertainment and a special tribute to Mater Children's Hospital and its 83 years of exceptional service to the community. The gala was a perfect opportunity for staff to join and celebrate their commitment to the Mater Values and Mission. </p>		
14	15	16	17	18	19	20
21	22	23	24	25	26	27
<p>24 September  Mercy Awards</p> <p>Mater celebrates Mercy Week each year to reinforce our identity as a Mercy-driven organisation and the heritage of the Sisters of Mercy.</p> <p>The celebrations culminate in the Mercy Awards, which honour contributions by individuals and teams who go above and beyond the expectations of their role to provide exceptional care.</p> <p>The 2014 Mercy Award winners were Emma Vernon, Stomal Therapist (Clinical Services Award), Chris Anker, Administrative Support (Support Services Award) and the Guest Services team from Mater Private Hospital Brisbane (Team Award).</p> <p>During Mercy Week, all Mater People are encouraged to reflect on the spirit of Mercy which continues to define Mater.</p>						
28	29	30				



Dr Paul Devenish-Meares (35 years of service) and Dr John O'Donnell.



Sr Angela Mary Doyle and Margaret Lai (40 years of service).



L to R: Alicia Smith, Peta Sullivan, David Weatherburn, Toni-Maree Henaway, Alison Boundy, Lauren Carew-Reid and Robyn Dickie.



L to R: Mary Sheehan, Julie Hanlon, Ann Crome, Elizabeth Florence, Natalie Halpin, Christie Barrett, Jody Ebenezer and Jade Hunter.



Team Award winners, the Mater Private Hospital Brisbane Guest Services team.



Clinical Services Award winner, Emma Vernon.

Mater's unsung heroes



Gwen Grant, Zofia McCormack, Errol Grant, Tony McCormack and Desley Carstairs-Patten

"There is no greater feeling than seeing these 'babies' and their families show up at Mater events year after year."

Gwen

"We often set up for events or help out with patients. If they need us, we're there."

Desley

"Together, we volunteers can make a huge difference to people's lives."

Errol

Mater's 700 volunteers support the provision of exceptional services across all areas of the organisation, embodying the Mater Mission and reflecting the professionalism and integrity for which Mater People are renowned.

In 2014, a group of special volunteers were honoured with the Betty McGrath Award for outstanding fundraising efforts at the Mater Foundation Christmas Breakfast.

With decades of experience between them, veteran volunteers Desley Carstairs-Patten, Tony and Zofia McCormack and Gwen and Errol Grant are pillars of the Mater community, and are often referred to as Mater Foundation's 'fab five'.

Desley's relationship with Mater began in 1997, when she answered an advertisement in the newspaper looking for volunteer drivers at Mater, and she has been a Mater Little Miracles volunteer ever since.

When Tony retired 17 years ago, he and wife Zofia began volunteering. As cuddle parents, Tony and Zofia help to settle babies, giving parents a much-needed rest, while also providing a sympathetic ear.

Gwen, also a cuddle parent, has volunteered with Mater for the past 22 years and her husband Errol joined the team after he retired in 2008.

Congratulations and many thanks to the 'fab five'!

In 2014, Mater volunteers:



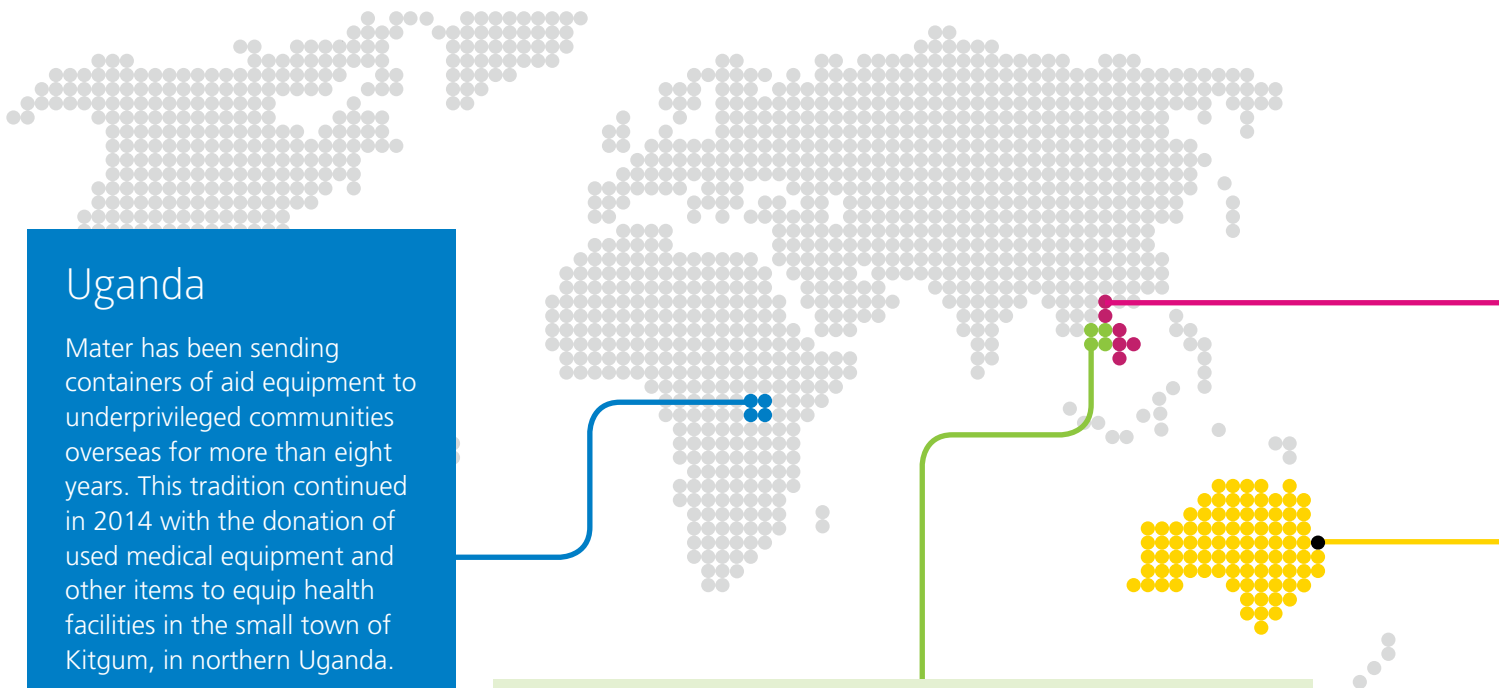
More than **300** new volunteers joined the team in 2014.



Fulfilling the Mater Mission ... on 'Mater Hill' and beyond



Mater's Mission requires us to respond to the needs of the community; whether locally or on a global scale.



Uganda

Mater has been sending containers of aid equipment to underprivileged communities overseas for more than eight years. This tradition continued in 2014 with the donation of used medical equipment and other items to equip health facilities in the small town of Kitgum, in northern Uganda.

Donated items included equipment for a rehabilitation centre (which Mater supported the construction of in 2013) and toys and clothes for a nearby orphanage which **100** children call home.



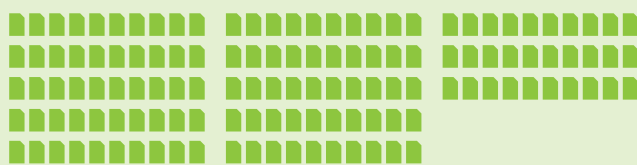
An ultrasound machine, pathology equipment and hospital beds were also donated for a recently established medical clinic.

Cambodia

Mater nurse and Catholic Education Week Ambassador Annabel Pike travelled to Cambodia to train and mentor local nurses in 2014.

Annabel, the 2012 Australian Nurse Graduate of the Year spent time at Sihanouk Hospital in Phnom Penh, and on learning of her plans, students from Diocese of Toowoomba Catholic schools collated **130** personal care packs during Catholic Education Week, which were shipped to Cambodia to coincide with Annabel's arrival at the hospital.

"While a simple gesture by our standards, words can't express how grateful these patients were to receive these care packs," Annabel said from Phnom Penh.



Vietnam

Mater Audiologists Caroline Balke and Emma Reichman travelled to My Tho City in 2014, giving the gift of hearing to local children.

The trip was organised as part of the 'Building Across Borders' program—an initiative of St Laurence's College—where students, teachers and Mater Audiologists volunteered at a school for hearing impaired children.

Caroline and Emma volunteered at Nhan Ai School and were able to assess, treat and educate hearing impaired children and their teachers.

They were able to successfully fit the hearing aids onto 15 children whose families could not afford to treat their hearing impairment.

This was the first year Mater had the opportunity to be involved in the 'Building Across Borders' and we hope to once again participate in 2015.



South Brisbane

Among the many initiatives Mater's Pastoral Care department manages is a clothing fund to support patients in need. This fund was boosted by another Mater service in 2014—the Healthy Ageing Service—which donated **\$500** to the program.

\$500

An example of this fund in action: a patient from Mater Hospital Brisbane experienced weight loss while in hospital which resulted in his pants being too large to wear home. Saddened at the prospect of either wearing home a hospital gown, or having his pants taped on, the clothing fund provided him with a new pair of pants, allowing him a dignified discharge home.

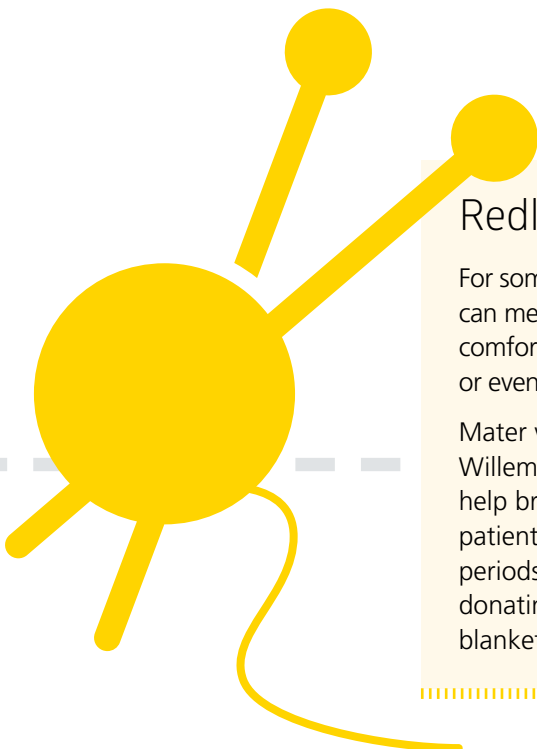
Redland

For some, a stay in hospital can mean being away from the comforts of home for weeks or even months.

Mater volunteers Janet and Willem de Bruyn decided to help brighten the days of those patients spending extended periods of time in hospital by donating beautiful crocheted blankets.

While Willem was a patient at Mater Private Hospital Redland, Janet responded to an initiative of the Day Procedure Unit which invited patients and visitors to help themselves to some wool and knitting needles or a crochet hook to help pass the time.

Willem delivers the rugs crocheted by Janet to Mater, so they can be distributed to patients by Mater's Pastoral Care team.





Happy birthday!



10

In 2014, a number of Mater services celebrated significant milestones, acknowledging their contribution to the community.

A decade of caring for our children

Ten years ago, Mater Childcare officially opened its doors and welcomed **40** children into its care. A decade and major refurbishment later, Mater Childcare now offers **350** places per day for children from birth to school age in a first-class, five storey purpose-built facility on College Hill Drive.

90 000 hearing tests in 10 years

Mater celebrated a decade of supporting the Healthy Hearing Program in October 2014, with approximately **90 000** babies screened at Mater since the program's introduction in 2004.

The free state-wide program aims to identify babies born with permanent hearing loss, and provides newborn hearing screening within the first three months after birth.

10 years on ... and still looking good

For **10** years, the 'Look Good Feel Better' program at Mater Private Hospital Redland has been giving local women with cancer a brighter outlook and a reason to smile.

The service teaches women how to use cosmetic techniques and hair alternatives to help manage the appearance-related side effects of cancer and its treatment through a number of services, including unique workshops.

The program's South Brisbane branch, which has helped more than **3000** women, also celebrated a milestone—their first workshop at the new Mater Cancer Care Centre.



25 000 occasions of care in 365 days

Mater Cancer Care Centre celebrated one year of exceptional service—and the delivery of **25 000** occasions of service to the local community in June 2014.

Specifically designed with patients' needs in mind, Mater Cancer Care Centre at South Brisbane continues to offer all-in-one location access to a holistic range of services, including specialist appointments, haematology oncology, medical oncology, palliative care, allied health services and apheresis, as well as pharmacy and pathology services.

The centre is enjoying the success of many additional patient services and benefits including an art therapy program, a dedicated patient parking facility and new 'car park to the centre' patient transportation in the form of a golf buggy.



25 years of exceptional support

On 14 April 1989, then Governor-General of Australia, the Honourable Bill Hayden, officially launched the Mater Hospitals' Trust—known since 2005 as Mater Foundation.

Mater Foundation is the proud inheritor of a charitable tradition stretching back to the founder of the Sisters of Mercy, Catherine McAuley, who used an inheritance to build Mercy House in Dublin in 1824.

Since Mater's establishment in Brisbane more than a century ago, we have always been supported by the community, and this generosity continues today via Mater Foundation, which contributes to Mater through fundraising across the areas of health, education and research.



60 years of Mater Prize Homes

With loyal and ongoing community support, Mater Prize Home lottery has come a long way since its first Art Union in 1954. The grand prize? A **£4150** home in Surfers Paradise.

Mater Prize Homes have been an iconic part of Mater history. In the 1960s and 70s, visiting a Mater Prize Home was the third most popular thing to do in Brisbane!

Over the years, many families have experienced the thrill of winning a Mater Prize Home, their lives changed for the better as a result of such unexpected good fortune. Funds raised through Mater Prize Homes have supported care and research at Mater, positively impacting the lives of countless families. Mater Prize Homes celebrated its diamond anniversary by giving away its biggest prize yet—a **\$2** million penthouse home in Yungaba Estate, Kangaroo Point—boasting panoramic views of the Brisbane River and a sprawling rooftop terrace.

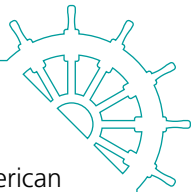


Celebrating our exceptional researchers



Jakob Begun

When he was 14, American Researcher Dr Jakob Begun and his family embarked on a two-year sailing trip around the Pacific, finally settling in Sydney.



After completing high school, he returned to the United States, where he completed his medical degree and PhD program at Harvard University.

He decided to return to Australia and join the Mater Research team in 2014 to continue his investigations into human microbe interactions and the genetics of Inflammatory Bowel Disease, and how to translate this into a better understanding of the disease and future therapeutics.

“Mater provides great clinical facilities, so there is a wealth of patient-clinician-scientist focused research opportunities available.”

Dr Begun joins Mater Research following seven years at the Massachusetts General Hospital in Boston.

Janet Hardy

An internationally respected leader in palliative care, Professor Hardy has pioneered studies which in the past have been regarded as impossible. This has included research in patients with life-limiting diseases which may not help them directly, but will often be of benefit to future patients.

In June 2014, Professor Hardy was named the Queensland recipient of the Royal Australasian College of Physicians (RACP) 75th Anniversary Award, highlighting the importance of her palliative care research.

Mike McGuckin

A Mater Research team are on the verge of translating a cure for diabetes in mice into a treatment for human patients—which could see diabetics potentially replace insulin injections with a protein which restores glycaemic control.

Treatment of diabetic mice with the protein not only restored glycaemic control, but also suppressed insulin resistance.

Mater Research Deputy Director Professor Mike McGuckin, who is leading the study said it was ‘completely different to anything which has been done before.’

“It is early days—we’ve done it in mice and it works and we’ve done it in human cells and they have responded appropriately.

“Whether it revolutionises diabetes treatment depends on what happens when we undertake clinical trials,” he said.

280

number of Australians who develop diabetes every day



1.7
million

Australians who currently suffer from diabetes

3.3
million

number of Australians predicted to have diabetes by 2031

Honouring the past, looking to the future



Following the transition of Mater Children's Hospital in November, two buildings on Mater Hill were renamed to reflect Mater's rich heritage and one of our key services was renamed as the organisation continues to plan for the future.

Duncombe Building

The Mater Corporate Services Building (the original Mater Mothers' Hospital) was renamed the Duncombe Building in memory of Mother Damian Duncombe OBE.

The Salmon and Duncombe Buildings will harmoniously blend with existing buildings on Mater Hill named after the Sisters of Mercy (Potter and Whitty), bringing a total of four buildings across the campus whose names reflect the Sisters' deep connection to Mater's heritage.

Mother Damian Duncombe OBE (1899 to 1980) was the first Australian-born woman to lead the Brisbane Congregation of the Sisters of Mercy. She was elected Reverend Mother (Congregation Leader) in 1954 and first president of the Federation of the Sisters of Mercy Australia in 1956.

Salmon Building

The Mater Children's Hospital Building was renamed the Salmon Building, in memory of Mother Alban Salmon.

Mother Alban Salmon (1880 to 1951) was a shrewd and determined leader with a strong sense of direction. Mother Alban's vision was to ensure that Mater became a clinical school for The University of Queensland's Faculty of Medicine. This dream became a reality in 1949.

Mater Hospital Brisbane

Mater Adult Hospital is now Mater Hospital Brisbane. This change better reflects the position of the hospital in relation to the ongoing development of Mater's broader geographic services, such as Mater Private Hospital Springfield, our three health centres, and our growing number of pathology and pharmacy services across south east Queensland.

Mater Adult Hospital (originally Mater Public Hospital) was established in 1911, five years after the Sisters of Mercy opened the first Mater Private Hospital at North Quay. In 1981, after 70 years in what is now known as the Whitty Building, the service relocated to its current building — a 126-bed hospital built entirely with \$34 million in government funding.

You can read more about Mater's rich history by visiting history.mater.org.au.

Sustainability at Mater





Mater's commitment to sustainability continued to strengthen in 2014.


An additional 24 initiatives with the potential to contribute to *Sustainability at Mater* were identified and the program reached a significant milestone—the completion of the 100th initiative to date.





2014 highlights:

- 

Reduced energy use by more than **478 000 kWh** in comparison to 2013
- 

Contributed to the design of Mater Private Hospital Springfield to incorporate a number of environmentally sustainable design initiatives
- 

Coordinated direct ward delivery by major suppliers to reduce onsite waste
- 

Delivered more than **90** in-services to clinical teams across Mater (and **20** non-clinical teams)
- 

Won a Sustainability in Business Award at the 2014 Brisbane *Lord Mayor's Business Awards* and was a finalist at the 2014 Premier's Sustainability Awards

Engaged staff

A key component of Sustainability at Mater is effectively engaging Mater People to encourage behavioural change and adoption of sustainable practices.

Examples of staff engagement include:



the sale of more than **3500** KeepCups, reducing the use of disposable coffee cups across Mater's cafés



more than **2500** Mater People signing the Environmental Sustainability Pledge and agreeing to more than **27 000** behaviours



60 Mater People participating in Ride2Work Day



staff sending in images depicting 'sustainability at work or at home' as part of World Environment Day.



Lord Mayor's Business Awards

Initiatives implemented by Mater to reduce its carbon footprint were recognised with the Sustainability in Business category award at the 2014 Brisbane Lord Mayor's Business Awards. Mater is a leader in sustainability practices in the healthcare sector and plans to roll out further initiatives and engage with staff to continue to reinforce our commitment to environmentally sustainable behaviour.



L to R: Terry van der Ham, Chris Hill, Peter Nomikos and Steven Parrish.

Award-winning Mater People



Inspirational Woman of the Year

Sr Marcia Maranta was named Inspirational Woman of the Year for the Cleveland electorate at a special celebration to celebrate International Women's Day 2014.

After teaching at primary and secondary schools, Sr Marcia completed a counselling course in Pastoral care and joined the Mater Private Hospital Redland team in 2000.

Mental Health Services Award for Exceptional Contribution

Mater's Erica Lee was awarded the Mental Health Services Award for Exceptional Contribution for her work at the Child and Youth Mental Health Service. Erica has had a key role during the past 20 years in the establishment and development of mental health and substance misuse services for children, adolescents and families.

Data Quality Asia Pacific Team Project Award



The efforts of Mater People Sue Gardiner and Shane Downey and their teams to deliver an 18 month project to improve the quality and reporting of outpatient data was recognised with a Data Quality Asia Pacific Team Project Award in 2014. The award recognises organisations and departments which have seen clear benefits from data quality projects. Mater's entry related to the work that Mater's Data Services and Ambulatory Services undertook to improve the quality and reporting of outpatient data.

Innovative Practice in the Private Sector

In 2013, Mater Private Hospital Brisbane's Food Services team implemented an innovative, hotel-style room service model, allowing patients to order meals from an extensive menu throughout the day.

The Australian-first initiative was recognised nationally in 2014 with a PHAQ/HESTA Innovative Practice in the Private Sector Award.

Mater Private Hospital Brisbane's Service Improvement team were also acknowledged for a project which identified and overcame barriers to patient flow within operating theatres.

The implementation of a number of complex wide initiatives as part of the project saw a 98 per cent reduction in the number of call bells per month in the theatre complex.

The room service model has reduced food wastage by 15 per cent.



Success stories



Baby friendly

Mater Mothers' Private Redland achieved 100 per cent compliance to the Baby Friendly Health Initiative in 2014.

The Mater Private Hospital Redland team, including midwives, nurses, obstetricians, paediatricians and support services staff spent almost two years working towards compliance with the initiative, which was developed by the World Health Organisation and UNICEF to improve infant health by supporting mothers to breastfeed.

Compliance includes operating within a framework titled *Ten Steps to Successful Breastfeeding*, which ensures mothers and babies receive support and information regarding infant feeding.

Mavis the Amazing Tugboat

In January 2011, Captain Doug Hislop and his tugboat Mavis saved Brisbane's Gateway Bridge from destruction when they maneuvered a fast-moving **300-tonne** slab of concrete away from its pylons.

The event captured the imagination of Mater volunteer Dianne Lonergan—who published *Mavis the Amazing Tugboat*—a children's book to honour Mavis and her brave captain—with profits donated to Mater Little Miracles.

Dianne and her fellow volunteers Caroline Bauer, June Jolly and Robert Walsh joined to write the book around her dining room table each Wednesday afternoon, and illustrator Leo Herreygers donated **13** canvas paintings to be used as illustrations to support the publication.



Mavis the Amazing Tugboat can be purchased for **\$10** via www.materfoundation.org.au.

Record month for Mater Private Hospital Brisbane

Mater Private Hospital Brisbane's Cardiovascular Unit and Operating Theatres both experienced record months in September 2014.

The Cardiovascular Unit, which is widely regarded as one of the best in Queensland, continued to expand its services, evidenced by the management of **165** cases in September, its highest number to date.



Mater Private Hospital Brisbane's operating theatre and support teams completed the busiest September in the hospital's **108** year history, with **1002** patients treated by a caring and compassionate team.



The best and brightest



Dr Clare Morgan

Dr Morgan was appointed to the position of Chief Medical Officer in April 2014.

A newly created position within Mater's Executive, Dr Morgan has a broad mandate to participate in the development of an improved approach to clinical governance, clinical service delivery, and teaching and research across all Mater facilities and services.

Her appointment follows an extensive career at Mater, most recently as Director Medical Management. During this time her achievements included: the redesign and implementation of the Credentialing and Scope of Practice System for **1700** health practitioners; improving the management of junior doctors (resulting in a **95** to **100** per cent retention of interns for the past six years); and development of policies and processes for medical workforce management.



Kate Farrar

Kate Farrar, Managing Director of QEnergy, joined the Mater Health Services Board in 2014.

Ms Farrar has substantial energy market experience, and previously held the role of Chief Operating Officer of Ergon Energy's Powerdirect Australia business. Under Ms Farrar's leadership, Powerdirect Australia grew to become one of Australia's top five energy retailers, covering a diverse customer base ranging from domestic and small business customers to large mines and airports.

In 2006, Ms Farrar won Queensland Business Review's Public Sector 'Women in Business Award' and was a Queensland finalist in the 'Hudson Community and Government Award' category of the Telstra Business Women's Awards. In 2014, Ms Farrar was a finalist in the Entrepreneur of the Year awards.

Best hospital experience

Mater Mothers' Private Brisbane and Mater Children's Private Brisbane were ranked top nationally in the 2014 HCF hospital experience survey of more than **11 000** of its members.

The survey, compiled by Australia's largest not-for-profit health insurer HCF, focused on the most frequented **100** hospitals by its members, the majority being private facilities.

Both Mater Mothers' Private Brisbane and Mater Children's Private Brisbane received a score of **9.7** out of **10** for how likely members would be to recommend the hospitals to a friend or colleague, exceeding the average score of **8.7**.

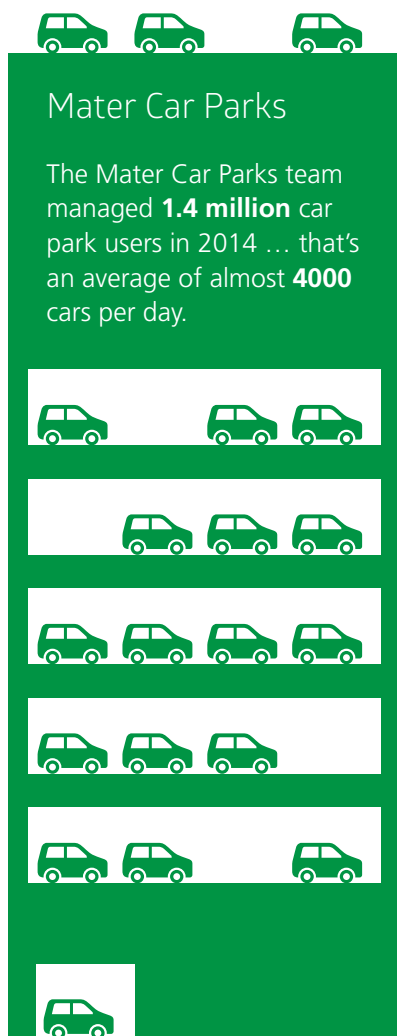
Both services also received the top results for members who would recommend the medical teams that treated them with a score of **9.6** (the average being nine).



Supporting the provision of exceptional care



The care Mater People provide to patients and visitors is as varied as the services we offer. However, whether this care is in the form of clinical advice, a hot cup of coffee, or accommodation for the loved ones of patients, every interaction with is a demonstration of the Mater Values in action.



Mater Cafés

Mater Cafés used more than **800** kilograms of coffee beans each week—that's a lot of coffee!

800



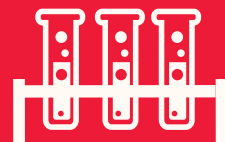
Mater Pharmacy ...

supplied **111 508** prescription items to patients for their individual use during their hospital stay



supplied **55 067** discharge prescription items to patients to ensure continuity of care after they left hospital

reviewed medication histories of **62 400** patients to ensure their safe transition from community into hospital care



supported Mater Research in **46** clinical trials

supplied **\$6** million of medication (comprising **87 349** line items) across Mater's South Brisbane and Redland campuses



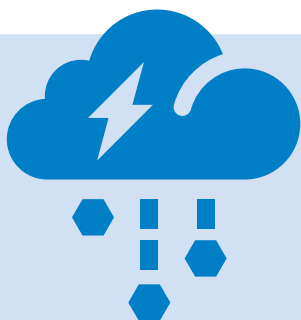
prepared **16 207** chemotherapy infusions and dispensed **22 028** items for cancer patients at Mater Cancer Care Centre, bringing together expert knowledge and advice regarding cancer chemotherapy with access to specialised products

provided **1216** medication management reviews to residents in aged care facilities



provided **203** lectures, tutorials and workshops to medical, physiotherapy and pharmacy students at Bond University and The University of Queensland.

A rainy day in November



Mater People brave the storm

In late 2014, Brisbane was hit by one of its worst storms in recent memory. Within a matter of minutes, large hail and strong winds caused major damage across many areas of Brisbane, including the Mater South Brisbane campus.

The effects of the storm were widespread and included roof damage to several buildings, water damage, many cracked and shattered windows, and extensive damage to gardens across the campus.

Immediately following the storm, the true spirit of Mercy was demonstrated by all Mater People who went above and beyond the expectations of their roles to assist, in any way possible, with clean-up efforts and ensure the safety of all Mater People and our patients.

Mater Convent closes after almost a century

Since opening on Mater Hill in 1926, the Mater Convent building has been home to more than 300 Sisters of Mercy.

Following damage to the historic building during the storm which hit Brisbane in November, the Mater Convent was officially closed as a residence for members of the Sisters of Mercy Brisbane Congregation.

The decision to close the Convent was one of great difficulty, given the Sisters of Mercy have resided on 'Mater Hill' for more than 100 years.

After constructing Mater Private Hospital (now Aubigny Place), financial constraints due to World War I prevented the Sisters from being able to build a Convent at South Brisbane. As a result, the Sisters of Mercy resided in a temporary Convent on the top floor of Aubigny Place, with two rooms on the floor below used as a Chapel.

As the hospitals continued to grow, more Sisters came to work on Mater Hill, and the accommodation within the temporary convent was now not only lacking in adequate space for the Sisters, but was also required for patients. A new Convent was attached to the western end of Aubigny Place and a Chapel was constructed in front of the Convent in 1926.

The Convent was a home to the many Sisters of Mercy who worked at Mater, some of whom resided at the Convent for more than 60 years.

While the Convent may have closed, Mater's connection with the Sisters of Mercy remains strong, and their legacy continues to drive the provision of care in the tradition of Mercy for which Mater is renowned.



Training our future healthcare professionals



Celebrating our graduates

After completing 18 months of intensive study and 400 hours of clinical placement, Mater Education celebrated the graduation of Diploma of Nursing students in late 2014.

To date, more than 240 students have successfully completed the program, while studying and training in a world-class simulation facility and learning environment, all onsite at Mater.

Mater Education's Diploma of Nursing program was developed and is delivered by contemporary clinical experts within Mater's world class, tertiary healthcare facilities.

240 students

18 months + **400 hours**

In the community

In 2014, Mater Education worked to increase their presence within the community, reinforcing its position as the only hospital based education facility of its kind in Queensland.

The Clinical Supervision Program and Advanced Clinical Supervision Programs were rolled out across Queensland, on behalf of Health Workforce Australia. Twenty-one workshops were delivered throughout regional and metropolitan Queensland.

Mater Education representatives presented on evidence-based interprofessional basic life support training at the international JBI colloquium in Singapore and were awarded Best Oral Presentation.

Mater Education's Program Manager was elected to the Executive Committee of the Australian Society for Simulation in Healthcare, the notational peak body for healthcare simulation.

Mater Education representatives presented more broadly on the benefits of interprofessional education at the national Workforce Efficiency conference in Sydney.

Reflecting on 83 years of exceptional care

In 2014, Mater's government funded paediatric services transitioned from Mater Children's Hospital to the new Lady Cilento Children's Hospital. In the lead up to the transition, Mater encouraged people to share their Mater Children's Hospital stories and memories with us, and we paused to reflect on 83 years of exceptional care.



Mater Children's Hospital: a timeline

1925

It was announced that the Sisters of Mercy would build a children's hospital.

21 May 1926

Mother Patrick Potter watched Archbishop Duhig lay the foundation stone for Mater Children's Hospital. Because of financial constraints, construction of the building was limited to only half of what had been intended, with provision being allowed for completion at a future date.

10 May 1931

Mater Children's Hospital was officially opened by His Excellency Sir John Goodwin, Governor of Queensland, dedicated as a memorial to Mother Patrick Potter who, sadly, passed away in November 1927.

6 July 1931

The 80-bed Mater Children's Hospital opened its doors to patients and every bed was occupied immediately.

2 May 1971

A fire broke out in the ceiling and roof structure of the university section of Mater Children's Hospital, near the rear of the building. What could have been an horrific tragedy was avoided by the calm, methodical evacuation of all 119 children by hospital staff.

Late 1971

The Queensland Government approved partial funding to construct a three-floor extension to Mater Children's Hospital. The new wing was opened on 9 March 1976.

3 September 1979

Sir Reg Leonard House was opened.

15 October 1981

Mother Teresa of Calcutta visited Mater as part of the hospital's Golden Jubilee.

23 March 1982

The McAuley wing—with a new Babies' Ward and The University of Queensland Department of Child Health offices—opened.

Share your story ...

I arrived at Mater Children's Hospital by helicopter in November 2013 (as a 16 year old) as a really sick kid with a staph infection in my heart and I spent the next five months in hospital fighting and recovering from the effects of that infection. I'm not what you would have called a straightforward case, but I've really grown from my Mater experience. I can't thank them all enough or hope to repay them for my life.

Christopher

In 1981 my family and I had only been in Australia a few months; we had immigrated from Africa to live in Australia, when I got dysentery. I was admitted to the Mater Children's for a week. I remember the great care I was given as a child. I remember the Sisters coming to visit me during my stay. Over the years there is one thing that has always been the same at the Mater Children's Hospital; and that is the care and love you always receive as a Mater Children's Hospital patient.

Michelle

- 1987** Queensland's first paediatric sleep unit was established at Mater Children's Hospital.
- 15 July 1990** Ronald McDonald House opened.
- 2 December 1990** Radio Lollipop was launched at Mater Children's Hospital.
- 1992** Mater came under pressure to move Mater Children's Hospital to the Queen Elizabeth II Hospital at Mt Gravatt. The Sisters of Mercy successfully fought to keep the children's hospital with the rest of the Mater family at South Brisbane.
- 1996** Cecilia McNally bequeathed \$1.3 million to Mater Children's Hospital.
- 4 December 1998** Australia's first private paediatric facility, Mater Children's Private Hospital, opened.
- 9 March 2000** The first Adolescent Drug and Alcohol Withdrawal Service in Queensland opens at Mater.
- 16 May 2001** **The new Mater Children's Hospital, built on Stanley Street, South Brisbane, was blessed by The Most Reverend John Bathersby, DD, Archbishop of Brisbane and officially opened by His Excellency Major-General Peter Arnison, AC, Governor of Queensland.**
- 2006** Premier Peter Beattie announced a single, purpose-built Queensland Children's Hospital would be built at South Brisbane.
- 28 November 2013** Sr Marie Fitzgerald, the longest serving Sister of Mercy at Mater Children's Hospital, passed away. Sr Marie dedicated 40 years to caring for children at Mater (1948 to 1988).
- 29 November 2014** **Mater Children's Hospital closed and Mater fondly farewelled many exceptional Mater People who cared for the children of Queensland for more than 83 years.**

In loving memory



Rona Craddock

Rona Craddock was a much loved Mater volunteer, who donated more than a decade of her time to supporting patient care. Rona began volunteering as a ward visitor in Mater Hospital Brisbane, prior to moving to a role at Volunteer Central.

Rona was loved and respected by her peers who placed a special commemorative plaque at the head of their table where Rona worked each Thursday.

May her soul rest in eternal peace.



Dr Aldo Vacca

Dr Vacca began his Mater career in 1982 in the role of Director of Obstetrics, a position he held until 1996. He was instrumental in developing new enhancements of the widely-used vacuum cup during delivery, and promoted its safe use through international education programs around the world.

As a tribute to Dr Vacca, a special portrait has been installed within Mater Mothers' Hospital Birth Suites which features a poem he wrote entitled *It's always more posterior than you think*.

The poem was published in the Australian and New Zealand Journal of Obstetrics and Gynaecology in 1999.

Dr Vacca passed away surrounded by his family on Sunday 16 March 2014.

May his soul rest in eternal peace.

.....
We remember all members
of our Mater community
who passed away in 2014.
.....





Dr Desmond 'Des' McGuckin

Desmond 'Des' McGuckin was born in 1928 to Mary Roche and John Hilarion McGuckin.

In 1940 Des started boarding at Downlands College in Toowoomba, on a scholarship. During his time at Downlands, Des considered becoming a priest based on his desire to help others. One of the school's priests, however, suggested that he consider studying medicine as an alternate way to contribute to the community.

In 1946, he began his first year as a medical student at The University of Queensland. After completing his degree in 1951, Des commenced his relationship with Mater as a rotating student, and three years later he was appointed Paediatric Registrar. After studying in Melbourne for a number of years, Des returned to Brisbane with his young family in 1960. He was appointed a Visiting Consultant Paediatric Surgeon to both Mater Children's Hospital and Royal Children's Hospital and also ran his own private practice.

In 1971, Des, accompanied by anaesthetist Dr Tess Brophy, was operating on a child with oesophageal atresia when a fire broke out in Mater Children's Hospital. While everyone in the hospital was evacuated, the pair continued their work in the theatre's ante-room until the baby was stable enough to move.

Des passed away peacefully on 2 November 2014.

May his soul rest in eternal peace.



Sister Camillus Mary Lynch

Sr Camillus Mary Lynch was born in 1924 in Ireland. She left home at the age of 22, bound for Australia, arriving in January 1947.

During the 1950s, Sr Camillus managed all of the cooking in Mater Children's Hospital, and for three wards within Mater Adult Hospital.

"At that time there was little or no government funding to build the original Mater Mothers' Hospital and the Sisters of Mercy had to raise the funds to pay for the building, so every spare moment was occupied running fetes, cake stalls, raffles, crocheting and doing fancy work, sewing and anything that could be sold or raffled—jams, pickles, chutneys—the days were never long enough".

When the original Mater Mothers' Hospital was constructed, Sr Camillus became the Business Manager and fitted-out the new kitchen in the building. At the same time, she fundraised for the hospital and taught cookery to the student nurses.

Sr Camillus left Mater in 1977 and became the cook at Emmaus, a role she held for four years. After returning to the Mater Convent in 1985, she cooked for the Sisters of Mercy until 1991. Sr Camillus was well known for her lamingtons, sponge cakes and her delicious scones, which have been enjoyed by many over the years. Another love of hers was growing African Violets and the bush house was her pride and joy!

Sr Camillus lived at the Mater Convent until August 2013, when failing health necessitated a move to the cottages at Nudgee. She passed away peacefully at Bethesda, Nudgee on 25 October 2014.

May her soul rest in eternal peace.

Looking ahead





In 2015, Mater will ...



open Stage One Mater Private Hospital Springfield, continuing our expansion across the greater western Brisbane region



open the new stand-alone Mater Children's Private Brisbane, providing specialised short stay surgical and medical care supported by a 20-bed inpatient ward and 16-bed day unit


20
16




expand the range of Mater maternity and baby care products



expand services offered at Mater Cancer Care Centre to ensure the continued provision of holistic care for all patients



launch the Mater Centre for Neurosciences, one of the largest and most diverse neurosurgical services in Australia



open the Mater Young Adult Health Centre Brisbane, which will comprise a dedicated inpatient ward, specialised outpatient services, private Emotional Health Unit, support programs and a drug and alcohol support service



expand the broad range of clinical services offered at Mater Hospital Brisbane



continue construction of a world-class clinical school in the Whitty Building



implement innovative service options at Mater Mothers' Private Brisbane to reinforce its position as Queensland's largest and most desired private maternity service

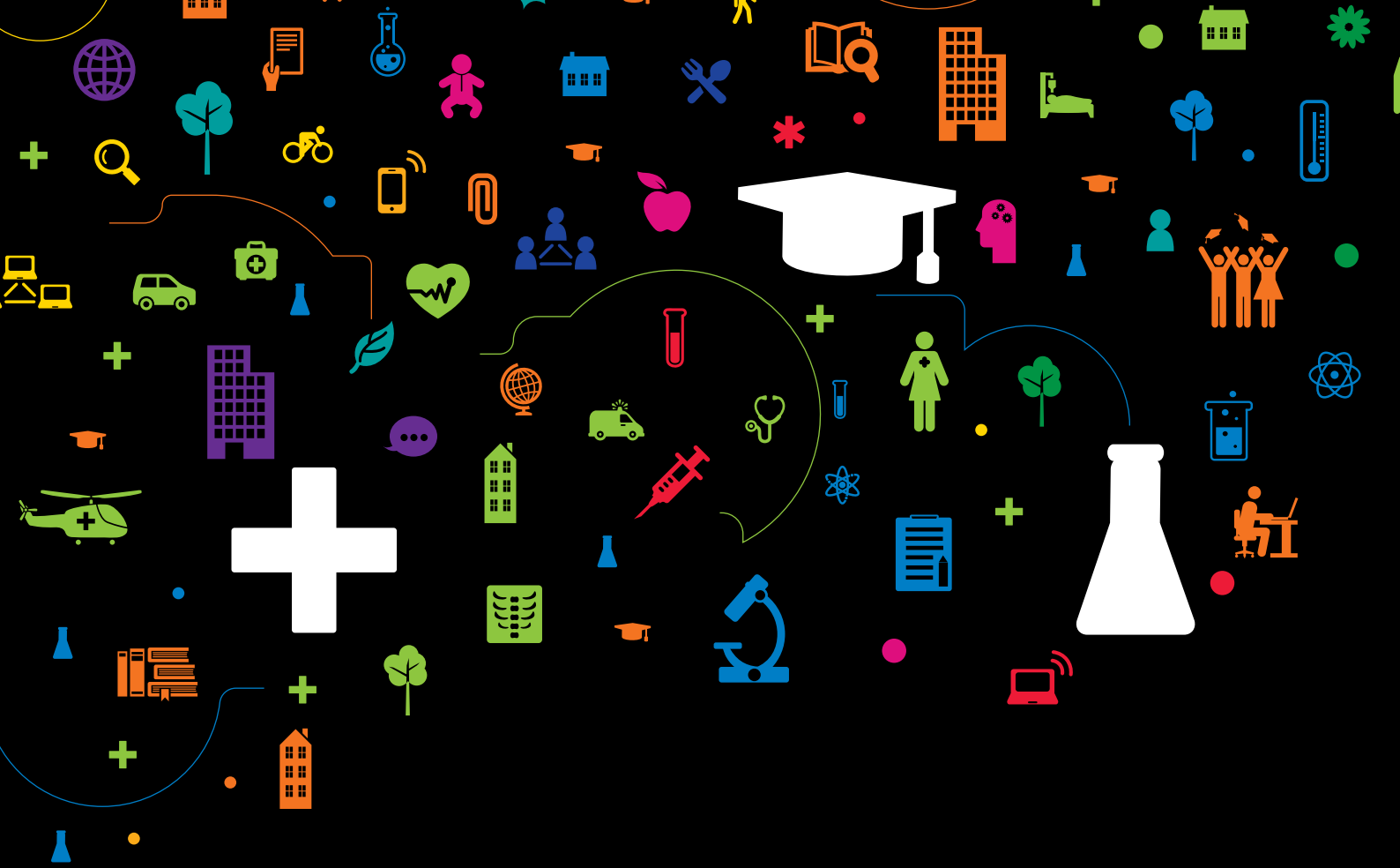


progress expansions to Mater Private Hospital Redland as part of our ongoing plans to expand our care beyond 'Mater Hill'.



Above all ...

... we will continue to strive for the integration of health, education and research for a healthy community while upholding our Mission to provide compassionate care to those who need it most.



Mater reports

Our commitment to providing exceptional care is supported by those who contribute to Mater either financially or through the donation of their time.

Our 2014 reports acknowledge those who have given to Mater, and also detail how we have given back to our community.

Community benefit

2014 calendar year

Area of need	Gross benefit
Benefit to Aboriginal and Torres Strait Islanders through culturally sensitive care designed to improve health outcomes	\$2 431 000
Benefit to those suffering addiction by providing appropriate to reduce dependency	\$1 816 000
Benefit to those with chronic disease by providing targeted care and clinical research in these areas	\$7 793 000
Benefit to those seeking religious guidance by providing appropriate pastoral support and guidance to those in need	\$2 271 000
Benefit to those pursuing clinical education	\$267 000
Benefit to those who are living in poverty or seeking family support through various funds, programs or individual acts of charity	\$6 327 000
Benefit to those who are from a refugee background through refugee health programs	\$6 451 000
General benefit to the community including clinical education, compassionate health programs for those that are homeless, and provision of mental health programs for those suffering from mental health issues	\$3 675 000
Total community benefit	\$30 764 000

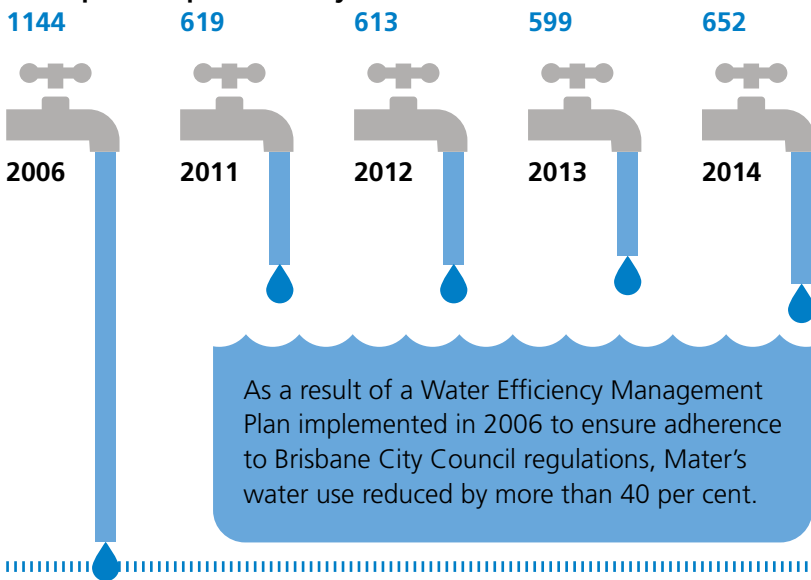
Sustainability at Mater statistics

As part of Mater's ongoing commitment to environmental sustainability, we have measured the impact of initiatives implemented under the *Sustainability at Mater* program.

The following results reflect our progress since 2011 across electricity use, water use, waste and recycling, fuel consumption and paper use.

Water use

Litres per occupied bed day



Recycling

Recycling increased by more than 115 tonnes during this period. Our recycling streams include cardboard, co-mingled material, cartridges, timber pallets, mobile phones, e-waste, steel and batteries.

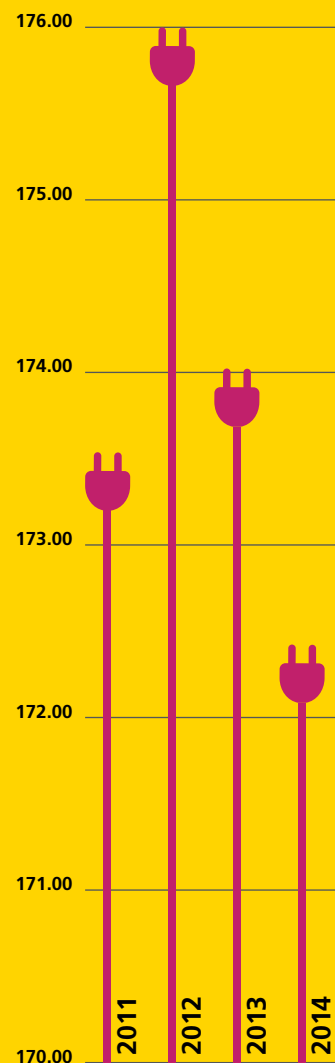
Kilograms per occupied bed day



Electricity use

Energy efficient projects saved Mater more than **478 000 kWh** between 2013 and 2014 alone.

Electricity consumption (kWh by floor metres)

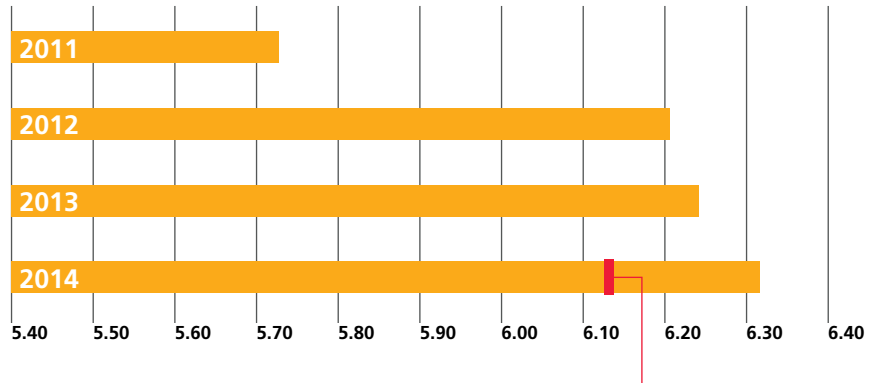




Waste (general)

Our general waste has increased since 2011 as we worked to remove general waste from within clinical waste.

Kilograms per occupied bed day



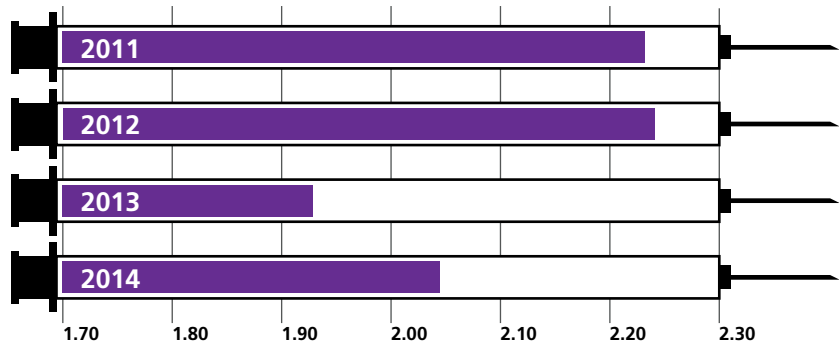
The closure of Mater Children's Hospital in November 2014 resulted in a significant increase in general waste. This increase was expected, and the result of cleaning required prior to the move. The above red line indicates to what level our waste creation would have remained if not for this event.



Waste (clinical)

Clinical waste decreased by more than 80 tonnes between 2011 and 2013.

Kilograms per occupied bed day

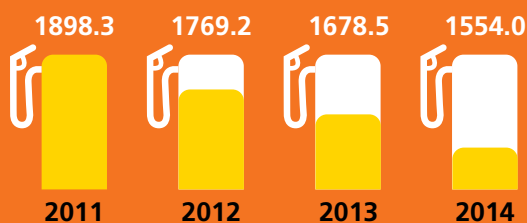


Fuel consumption (fleet vehicles)



Mater has reduced our fleet by 44 vehicles since 2010, and fuel consumption during this period has reduced by 20.5 per cent per vehicle for a number of reasons, including changing over to more fuel efficient vehicles.

Litres per vehicle, per year

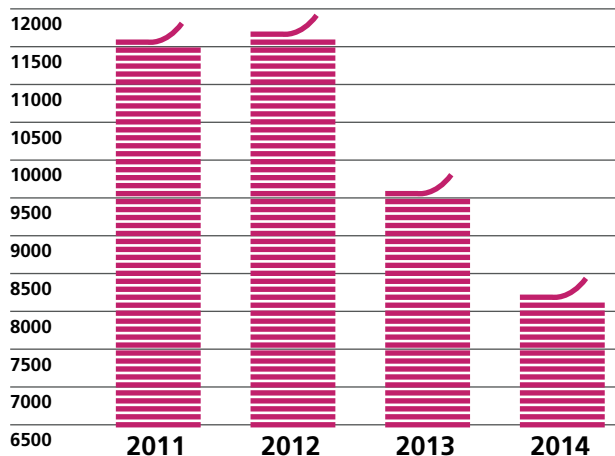


Paper use



The implementation of duplex printing in 2011 has, to date, saved more than 6.5 million sheets of paper and reduced Mater's purchase of paper by more than 25 per cent.

A4 paper purchases (boxes)



Auxiliary reports

Mater Private Hospital Redland Auxiliary

Last year was another busy year of fundraising for the members of the Mater Private Hospital Redland Auxiliary.

Volunteers and staff enjoyed bus trips to Redcliffe, the Brisbane Botanic Gardens at Mt Coot-tha, the Brisbane Broncos football club and Jacobs Well on the Gold Coast. Each trip raised approximately **\$350** for the Auxiliary.

Other fundraisers included a 'Christmas in July' morning tea, a spring fashion parade, a day at the races and a 'mini expo' at the home of Margaret Wuth, where jewellery and clothing sales raised **\$1000**.

With the help of the Rotary Club of Cleveland, the Auxiliary was able to purchase a Toyota RAV4 for the Mater Private Hospital Redland rehabilitation team. The new wagon will transport discharged patients from the hospital to their homes.

To help deliver exceptional care to very ill and elderly patients, two palliative care beds and 12 mattresses—specially fitted with an alarm that sounds if the patient is about to fall—were donated by the Auxiliary.

The Auxiliary is grateful for the many generous donations we received throughout the year, which will enable the purchase of useful equipment.

As I shall be leaving Mater Private Hospital Redland in March, this will be my last Auxiliary report. I am very grateful for the support of my fellow Auxiliary members and we hope to attract a few more to the group in 2015.

Sr Marcia Maranta RSM
*Mater Private Hospital
Redland Auxiliary*



Mater Adult Hospital Auxiliary

The Mater Adult Hospital Auxiliary had a successful and enjoyable year in 2014. We had a beautiful morning of entertainment and food at Brisbane's Tattersall's club on St Patrick's Day in March.

We were treated to a marvellous Irish concert by singers, flutists and dancers who donated their time and talent for the benefit of Mater Hospital Brisbane.

Our second function for 2014 was held in July at Tattersall's Club. On this occasion, our guest speaker was Patrick Pickett, conductor of the Queensland Pops Orchestra, whose recollections of his years in the Australian Army proved most interesting and entertaining.

The Auxiliary was also pleased to be able to purchase equipment for the Mater Young Adult Health Centre Brisbane, which will open its doors in 2015.

We are grateful to all our friends and donors who support our fundraising events, and we look forward to yet another successful year in 2015.

Thank you

Terry Pender
*President,
Mater Adult Hospital Auxiliary*

Mater Mothers' Hospitals Auxiliary

The Mater Mothers' Hospitals Auxiliary members comprise a dedicated group of women, some of whom have donated their time for more than 30 years.

Another successful year for the Auxiliary, 2014 saw funds raised via the Mater Mothers' Hospitals baby shop, cake sales, crafts, Christmas stalls and raffles.

These wonderful results would not have been possible without the unwavering support of our volunteers who contributed their time and resources to work in the Mater Mothers' Hospitals Auxiliary shop and also create the items we sell to raise funds (which involved cooking, making jams and pickles, hand crafting items and knitting and sewing).

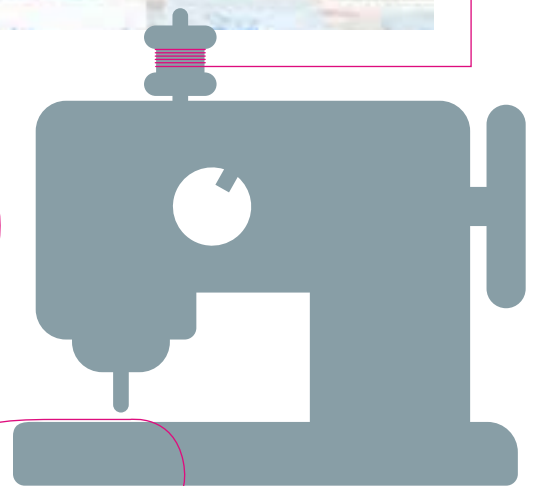
During the year, Mater Mothers' Hospitals Auxiliary donated **\$57 000** towards the cost of bringing a ground-breaking new surgical procedure to Mater. Mater hopes to have a unit specialising in this procedure at Mater Mothers' Hospitals in the future and training of the specialists involved is already underway.

Those who wish to assist the Auxiliary in its fundraising efforts can visit our shop in the Mater Mothers' Hospital foyer on Tuesdays from 8.30 am to 1.30 pm and on Thursdays from 10 am to 1.30 pm.

New volunteers are always welcome; the Auxiliary is looking for new members to carry on the work with the knowledge that they are assisting such a worthwhile cause.

Suzanne Hill

*President,
Mater Mothers' Hospitals Auxiliary*



\$57 000

towards the cost of bringing a ground-breaking new surgical procedure to Mater.

Mater's Board members

Thank you to our Board and Committee members for their leadership and support during 2014.



Mater Health Services Board

Brian Flannery
(Chair)
Vince O'Rourke
(Deputy Chair)
Sr Pauline Burke RSM
Terry Crawford
Kate Farrah
(appointed 2014)
Dr Geof Hirst
Peter Pearce
John Reynolds
Professor Catherine Turner
Laurie Rogencamp
(Company Secretary)

Mater Foundation Board

Phil Hennessy
(Chair)
Simon Porter
(Deputy Chair)
Kate Farrar
(resigned 2014)
Xavier Kelly
John McCoy
Betty McGrath OAM
(resigned 2014)
Bill Noye
Joseph O'Brien
Dr John O'Donnell
Allan Pidgeon
John Prins
Rebeca Pullar
Jason Titman
Janet Wilson
(appointed 2014)
Laurie Rogencamp
(Company Secretary)

Mater Research Board

Jim Walker AM
(Chair)
Dr Carrie Hillyard
(Deputy Chair)
Prof Perry Bartlett
Prof Melissa Brown
(appointed 2014)
Terry Crawford
(appointed 2014)
Prof Geoff Kiel
Prof David McIntyre
Dr John O'Donnell
Stephen Denaro
(Company Secretary)

Mater Education Limited Board

John Reynolds
(Chair)
Dr John O'Donnell
Caroline Hudson
Donna Bonney
Laurie Rogencamp
(Company Secretary)

Mater Foundation Committee members

Allocations and Investments Committee

Bill Noye
(Chair)
Mark Bowles
Dr John O'Donnell
Chris Perkins
Janet Wilson
(appointed 2014)

Operations, Finance and Audit Committee

Simon Porter
(Chair)
Allan Pidgeon
Bill Noye
Phil Hennessy
Laurie Rogencamp
(Company Secretary)

Mater Little Miracles Committee

Simon Porter
(Chair)
Frank Bowling
(resigned 2014)
Lynne Elliott
(resigned 2014)
Judy Luxton
(resigned 2014)
Carmel MacMillan
Sarah Nelson
Michael Petersen
David Tudehope

Lotteries Committee

Rebecca Pullar
(Chair)
David Bell
John McCoy
Carmel MacMillan
(appointed 2014)
Justin Walsh

Major Gifts Committee

Kate Farrar
(Chair, resigned 2014)
Joseph O'Brien
(Deputy Chair)
Denny Baker
(resigned 2014)
Lynette Bos
(resigned 2014)
Cara Graham
Dominic Katter
John McCoy
Graham Maher
(appointed 2014)
Matthew Miller
Jason Titman
Janelle van de Velde
(appointed 2014)

How you can help Mater

The generous community support Mater receives contributes to the provision of care, ground-breaking research, education, and community outreach for those most in need.

Make a donation

Whatever the amount, all donations have a positive impact. A gift to Mater could support a life-saving research project, enhance patient care or help a family in need.



Make a monthly donation

You can support Mater with a regular monthly gift by direct debit or credit card. By becoming a monthly donor you will help us fund various research and healthcare programs.



Buy a lottery ticket

By purchasing a ticket in a Mater lottery you can change both your life and the lives of patients at Mater.



Leave a gift in your Will

A gift in your Will can help Mater provide exceptional care for future generations.



For further information about how to support Mater, please visit www.materfoundation.org.au or phone 07 3163 8000.

Mater Foundation thanks our supporters for their contributions during 2014. Your support allows us to provide exceptional care to Mater patients.

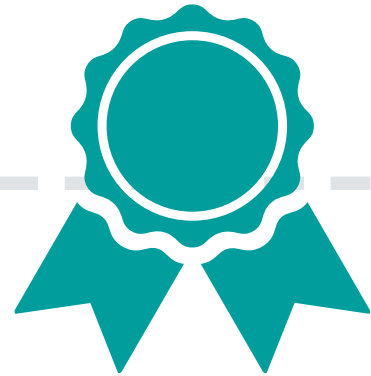
Thank you

Mater Foundation thanks our donors, lottery supporters and those who participated in our fundraising events during 2014. Your support of Mater Foundation contributes to the provision of exceptional care at Mater and positively impacts the lives of patients and their families each and every day.

Accenture
Ahura Resorts
Allens Linklaters
Fundraising efforts of Leslie Alwood, Alwood Building Services Pty Ltd
Fundraising efforts of Miss Catherine Anderson
ANZ Banking Group Ltd
Armstrong Family, Jimboomba Police, Bunnings Browns Plains & Ulysses
Arrow Energy – Brighter Futures
ATCO Structures & Logistics Pty Ltd
Australand Holdings Ltd
Baby Footprints
Bendigo Bank
BHP Billiton Matched Giving Program
Big W
G.J. & P.K. Bird
Bottlemart
Fundraising efforts of Mr Malcolm Bourke
Brisbane Convention & Exhibition Centre
BrisBricks Inc
Fundraising efforts of Katherine Brown and Tania Burling
Fundraising efforts of Dr William Bruce
Canturi Jewels
Cardno
Celma Mastry Ovarian Cancer Foundation
Channel Nine Queensland
Chemist Warehouse/ePharmacy

Child's Play Charity
Coca-Cola Amatil
Construction Income Protection
Fundraising efforts of Ian Cope
Fundraising efforts of Iain Cory
Members and Business Partners Council of Qld Insurance Brokers
Fundraising efforts of Mr Jarrod Covey
Covidien
Fundraising efforts of Mrs Arna Coward and Philanthropy GC
Ms Heather Craig
Digital Genius
Dry July Foundation
Stan and Maureen Duke Foundation
Duncan Family Trust
Mr Peter Dyer
Fergies Print & Mail
Mr Tony Foster
Mr John & Mrs Kay Gallagher
Gambling Community Benefit Fund
GCG Distribution Pty Ltd
GOA Billboards
Gifts in memory of Mr Wayne Goss
Greig-Asbury Foundation
Guardian Pharmacy Queensland
Hastings Deering
Dr Carrie Hillyard & Mr Roger Fearne
Fundraising efforts of Dr Paul Hogan
Honda MPE Pty Ltd
Fundraising efforts of Mr Geoffrey Honey
Hotel Care Week
Estate of Valma Howard
Estate of Monica June Howard Gall
Mr and Mrs John and Gay Hull
Incolink
Patrick Ip & Maria Fong
IPG Print
Ipswich City Council
Ivvy Wired Realtime
JJ Richards & Sons Pty Ltd

John McMahon Jeweller
John T Reid Charitable Trusts
Fundraising efforts of Evan Marshall, Johnny Voodoo's Barber Shop
Josh Develop
Estate of Paul Edward Kennedy
Estate of Lavina King
LJ Hooker Land Marketing
Lend Lease
Lexus of Brisbane
Lion
Lions Prostate Cancer Research & Treatment Project
Lockie's Legacy
Major League Marketing/
Lunch for the Lads
Mancorp Quality Homes
Marian & EH Flack Trust
Fundraising efforts of Mary Lakey Legacy Committee
Fundraising efforts of Mater Adult Hospital Auxiliary
Fundraising efforts of Mater Little Miracles 5ks Gladstone committee
Fundraising efforts of Mater Little Miracles 5ks Moranbah committee
Fundraising efforts of Mater Mothers' Hospital Auxiliary
Fundraising efforts of Mater Private Hospital Redland Auxiliary
Estate of Mr Ian Webster McDougall
The Denis and Eileen McEniery Fund
Mr & Mrs Russell & Margaret McGuire
Medtronic Australasia Pty Ltd
Misa Constructions Pty Ltd
Mondo Architects
Fundraising efforts of Karl Morris
Estate of Leslie Myers
Fundraising efforts of Ms Alicia Newman
NIB Foundation
Fundraising efforts of Dr John O'Donnell
Fundraising efforts of the Olivia's Lunch committee
ONE ONE ONE Eagle Street



OneSteel Reinforcing Pty Ltd
Optus
Pacific Resorts Hotel Group Cook Islands
Mr & Mrs Peter & Mary Pal
Pareto Phone
Mr Cesar Perilla
Pidgeon Family
Pitcher Partners
Plantation Homes
Estate of William Ellis Pott
Kim Pradella and family
Estate of Edward Pratt
Prestige Cars Pty Ltd
Preston James Fund
Professional Cleaning Services
Quantum Property Services
Queensland Urban Utilities
Megan Quinn
Mr & Mrs Peter & Catherine Quinn,
Peter Quinn Pty Ltd
RACQ
realestate.com.au
Rebel Sport Limited
Vince & Barbara Rehbein
Robert Clark Creative
Robert Oatley Vineyards
Ronald McDonald House Charities
Estate of Oetze Rondhuis
SC Austereo
Mr John Scholtes
Sealy of Australia
Mr Tim Sharp
Tracey Sheehan
The Siemon Family
Siganto Foundation
Simon George & Family
Six String Design
Springfield Land Corporation
Springmount Services
Stockland
Dorothy Stringer AO on behalf of
BICARE Inc

Summit Fleet Lease Australia Pty Ltd
Supa IGA, IGA and IGA X-Press
Ten4Men
Terry Jackman Family Trust
The Advertising Works
The Art of Glass
The Comiskey Family Foundation
The Merchant Charitable Foundation
The Myer Centre
(Christmas Wrapping Team)
The Premier Dance Academy
The Sheehan-Birrell Foundation
The T Weston & M Morrison Perpetual
Charitable Trust
Mr Doug Thomas
Dr Joseph Thomas
Estate of Barbara Thomson
Tour de Cure
Toyota Motor Corporation Australia
Limited
Libby Trickett
Turner & Townsend
Mr Danny van der Toorn
Fundraising efforts of Team Amanda
Veavea
Veda
Mr Matt Roue and Committee,
Walk for Kids
Mr John Waller
Waterfront Place
Fundraising efforts of Mr Shaune Watts
Estate of Mr John Alan Wegner
The White Family
Mr Des & Mrs Sharon Whybird
Estate of Ellen Wiedman
Fundraising efforts of Brian Williams
Woolworths Petrol
Fundraising efforts of the World's Biggest
Garage Sale Committee
Dr Felice Zaccari OAM & Mrs Margreth
Zaccari
Zupps AHG and Holden

Mater Foundation
thanks all donors and
supporters and those who
have participated in our
fundraising events:

Breast Ever Brunch
Bust a Move
Christmas Lights
Climb for Cancer
Cycle for Cancer 2014 Team
Cambodia – Vietnam
International Women's Day Fun
Run/Walk
Mater Golf Day
Mater Little Miracles 5ks
Mater Little Miracles Ball
Mater Little Miracles Easter
Appeal
River to Rooftop
Smiling for Smiddy
Stadium Stomp
Tea for Teal

2014 Mater Research publications

2014 was a strong year for Mater Research, with 264 publications in national and international health literature. More than 40 per cent of these publications were in journals ranked by the Australian Research Council as representing the highest quality of health research journals, indicating the international relevance of our research. Highlights of the year include Mater Research-led studies being published in *Nature Medicine*, *Diabetes*, *The Lancet Infectious Diseases*, *The Lancet Respiratory Medicine* and *Medical Journal of Australia* and 10 *Cochrane Systematic Reviews*.

1. (DGT), T.F.C.a.t.R.P.a.C., A promoter-level mammalian expression atlas. *Nature*, 2014. 507(7493): p. 462-70.
2. Achong, N., E.L. Duncan, H.D. McIntyre, and L. Callaway, Peripartum management of glycemia in women with type 1 diabetes. *Diabetes Care*, 2014. 37(2): p. 364-71.
3. Adams, M.N., B.S. Harrington, Y. He, C.M. Davies, S.J. Wallace, N.P. Chetty, A.J. Crandon, N.B. Oliveira, C.M. Shannon, J.I. Coward, J.W. Lumley, L.C. Perrin, J.E. Armes, and J.D. Hooper, EGF inhibits constitutive internalization and palmitoylation-dependent degradation of membrane-spanning procancer CDCP1 promoting its availability on the cell surface. *Oncogene*, 2014: p. Epub, doi: 10.1038/onc.2014.88.
4. Alkahtani, S.A., N.M. Byrne, A.P. Hills, and N.A. King, Interval Training Intensity Affects Energy Intake Compensation in Obese Men. *Int J Sport Nutr Exerc Metab*, 2014.
5. Alkahtani, S.A., N.M. Byrne, A.P. Hills, and N.A. King, Acute interval exercise intensity does not affect appetite and nutrient preferences in overweight and obese males. *Asia Pac J Clin Nutr*, 2014. 23(2): p. 232-8.
6. Balasubramaniam, S., J.A. Duley, and J. Christodoulou, Inborn errors of purine metabolism: clinical update and therapies. *J Inherit Metab Dis*, 2014. 37(5): p. 669-86.
7. Balasubramaniam, S., J.A. Duley, and J. Christodoulou, Inborn errors of pyrimidine metabolism: clinical update and therapy. *J Inherit Metab Dis*, 2014. 37(5): p. 687-98.
8. Barclay, J., H. Agada, C. Jang, M. Ward, N. Wetzig, and K. Ho, The effects of glucocorticoids on human brown adipocytes. *J Endocrinol*, 2014.
9. Barclay, L., S. Kruske, S. Bar-Zeev, M. Steenkamp, C. Josif, C.W. Narjic, M. Wardaguga, S. Belton, Y. Gao, T. Dunbar, and S. Kildea, Improving Aboriginal maternal and infant health services in the 'Top End' of Australia; synthesis of the findings of a health services research program aimed at engaging stakeholders, developing research capacity and embedding change. *BMC Health Serv Res*, 2014. 14: p. 241.
10. Barrett, H.L., M.H. Kubala, K. Scholz Romero, K.J. Denny, T.M. Woodruff, H.D. McIntyre, L.K. Callaway, and M.D. Nitert, Placental Lipases in Pregnancies Complicated by Gestational Diabetes Mellitus (GDM). *PLoS One*, 2014. 9(8): p. e104826.
11. Beckmann, M.M. and J. Chaplin, Bakri balloon during cesarean delivery for placenta previa. *Int J Gynaecol Obstet*, 2014. 124(2): p. 118-22.
12. Beckmann, M.M., T. Widmer, and E. Bolton, Does preconception care work? *Aust N Z J Obstet Gynaecol*, 2014.
13. Bell, C.C., G.W. Magor, K.R. Gillinder, and A.C. Perkins, A high-throughput screening strategy for detecting CRISPR-Cas9 induced mutations using next-generation sequencing. *BMC Genomics*, 2014. 15: p. 1002.
14. Benham, H., L.M. Rehaume, S.Z. Hasnain, J. Velasco, A.C. Baillet, M. Ruutu, K. Kikly, R. Wang, H.W. Tseng, G.P. Thomas, M.A. Brown, G. Stratton, M.A. McGuckin, and R. Thomas, Interleukin-23 Mediates the Intestinal Response to Microbial beta-1,3-Glucan and the Development of Spondyloarthritis Pathology in SKG Mice. *Arthritis Rheumatol*, 2014. 66(7): p. 1755-67.
15. Bennett, N.C., J.D. Hooper, D.W. Johnson, and G.C. Gobe, Expression profiles and functional associations of endogenous androgen receptor and caveolin-1 in prostate cancer cell lines. *Prostate*, 2014. 74(5): p. 478-87.
16. Bian, M.L., O. Haigh, D. Munster, M. Harris, A. Cotterill, J.J. Miles, and S. Vuckovic, Reactivated CD4+ Tm cells of T1D patients and siblings display an exaggerated effector phenotype with heightened sensitivity to activation-induced cell death. *Diabetes*, 2014.
17. Bird, C.H., M.E. Christensen, M.S. Mangan, M.D. Prakash, K.A. Sedelies, M.J. Smyth, I. Harper, N.J. Waterhouse, and P.I. Bird, The granzyme B-Serpine9 axis controls the fate of lymphocytes after lysosomal stress. *Cell Death Differ*, 2014. 21(6): p. 876-87.
18. Bista, S.R., J. Hardy, A. Tapuni, J. Fu, K. Gibbons, P. Good, R. Norris, and A. Haywood, Validation of a Fentanyl Transdermal Adhesion Scoring Tool for Use in Clinical Practice. *J Pain Symptom Manage*, 2014.
19. Bista, S.R., A. Haywood, J. Hardy, M. Lobb, A. Tapuni, and R. Norris, Protein binding of fentanyl and its metabolite nor-fentanyl in human plasma, albumin and α -1 acid glycoprotein. *Xenobiotica*, 2014. 14: p. 1-6.
20. Bista, S.R., M. Lobb, A. Haywood, J. Hardy, A. Tapuni, and R. Norris, Development, validation and application of an HPLC-MS/MS method for the determination of fentanyl and nor-fentanyl in human plasma and saliva. *J Chromatogr B Analyt Technol Biomed Life Sci*, 2014. 960: p. 27-33.

-
21. Bjornvad, C.R., J.S. Rand, H.Y. Tan, K.S. Jensen, F.J. Rose, P.J. Armstrong, and J.P. Whitehead, Obesity and sex influence insulin resistance and total and multimer adiponectin levels in adult neutered domestic shorthair client-owned cats. *Domest Anim Endocrinol*, 2014. 47: p. 55-64.
 22. Bor, W., A.J. Dean, J. Najman, and R. Hayatbakhsh, Are child and adolescent mental health problems increasing in the 21st century? A systematic review. *Aust N Z J Psychiatry*, 2014.
 23. Bowler, T. and M. Beckmann, Comparing fetal scalp lactate and umbilical cord arterial blood gas values. *Aust N Z J Obstet Gynaecol*, 2014. 54(1): p. 79-83.
 24. Bowling, F.G. and M. Thomas, Analyzing the metabolome. 2014/05/30 ed. *Methods Mol Biol*. Vol. 1168. 2014. 31-45.
 25. Bradley, J.M., P. Koker, Q. Deng, P. Moroni-Zentgraf, F. Ratjen, D.E. Geller, and J.S. Elborn, Testing two different doses of tiotropium Respimat(R) in cystic fibrosis: phase 2 randomized trial results. *PLoS One*, 2014. 9(9): p. e106195.
 26. Brady, S., F. Bogossian, and K. Gibbons, The effectiveness of varied levels of simulation fidelity on integrated performance of technical skills in midwifery students – A randomised intervention trial. *Nurse Educ Today*, 2014.
 27. Bray, L.J., C.F. Heazlewood, D.J. Munster, D.W. Hutmacher, K. Atkinson, and D.G. Harkin, Immunosuppressive properties of mesenchymal stromal cell cultures derived from the limbus of human and rabbit corneas. *Cytotherapy*, 2014. 16(1): p. 64-73.
 28. Brennan, D.J., A. Hackethal, A.M. Metcalf, J. Coward, K. Ferguson, M.K. Oehler, M.A. Quinn, M. Janda, Y. Leung, M. Freemantle, P.M. Webb, A.B. Spurdle, and A. Obermair, Serum HE4 as a prognostic marker in endometrial cancer – A population based study. *Gynecol Oncol*, 2014. 132(1): p. 159-65.
 29. Broom, A., E. Kirby, P. Good, J. Wootton, and J. Adams, The troubles of telling: managing communication about the end of life. *Qual Health Res*, 2014. 24(2): p. 151-62.
 30. Broom, A., E. Kirby, P. Good, J. Wootton, P. Yates, and J. Hardy, Negotiating Futility, Managing Emotions: Nursing the Transition to Palliative Care. *Qual Health Res*, 2014.
 31. Brownie, S., L. Hunter, R. Rossiter, A.P. Hills, W. Robb, and M. Hag-Ali, Diabetes in the United Arab Emirates: the need for valid datasets for health service planning. *Lancet Diabetes Endocrinol*, 2014. 2(7): p. 535-7.
 32. Buman, M.P., E.A. Winkler, J.M. Kurka, E.B. Hekler, C.M. Baldwin, N. Owen, B.E. Ainsworth, G.N. Healy, and P.A. Gardiner, Reallocating Time to Sleep, Sedentary Behaviors, or Active Behaviors: Associations With Cardiovascular Disease Risk Biomarkers, NHANES 2005-2006. *Am J Epidemiol*, 2014. 179(3): p. 323-34.
 33. Burr, L., C. J., and D. Serisier, Miscellaneous antibacterial drugs, in *Side effects of drugs annuals (SEDA)*, S.D. Ray, Editor. 2014, Elsevier: Oxford. p. 363-380.
 34. Cabilan, C.J., S.J. Hines, and A. Chang, Managing peripheral intravenous devices in the adults' general surgical setting: a best practice implementation report. *Int J Evid Based Healthc*, 2014. 12(1): p. 25-30.
 35. Cameron, C.M., R. Shibl, R.J. McClure, S.K. Ng, and A.P. Hills, Maternal pregravid body mass index and child hospital admissions in the first 5 years of life: results from an Australian birth cohort. *Int J Obes (Lond)*, 2014. 38(10): p. 1268-74.
 36. Campbell, K.L., D.W. Johnson, J.D. Bauer, C.M. Hawley, N.M. Isbel, M. Stowasser, J.P. Whitehead, G. Dimeski, and E. McMahon, A randomized trial of sodium-restriction on kidney function, fluid volume and adipokines in CKD patients. *BMC Nephrol*, 2014. 15: p. 57.
 37. Carreira, P.E., S.R. Richardson, and G.J. Faulkner, L1 retrotransposons, cancer stem cells and oncogenesis. *FEBS J*, 2014. 281(1): p. 63-73.
 38. Chachay, V.S., G.A. Macdonald, J.H. Martin, J.P. Whitehead, T.M. O'Moore-Sullivan, P. Lee, M. Franklin, K. Klein, P.J. Taylor, M. Ferguson, J.S. Coombes, G.P. Thomas, G.J. Cowin, C.M. Kirkpatrick, J.B. Prins, and I.J. Hickman, Resveratrol Does Not Benefit Patients with Non-alcoholic Fatty Liver Disease. *Clin Gastroenterol Hepatol*, 2014. 12(12): p. 2092-2103.
 39. Charles, B., J. Hardy, H. Anderson, A. Tapuni, R. George, and R. Norris, Should the dosage of controlled-release oxycodone in advanced cancer be modified on the basis of patient characteristics? *Support Care Cancer*, 2014. 22: p. 325-330.
 40. Cobham, V.E. and B. McDermott, Perceived parenting change and child posttraumatic stress following a natural disaster. *J Child Adolesc Psychopharmacol*, 2014. 24(1): p. 18-23.
 41. Coward, J. and A. Harding, Size Does Matter: Why Polyploid Tumor Cells are Critical Drug Targets in the War on Cancer. *Front Oncol*, 2014. 4: p. 123.
 42. Croci, I., F. Borrani, N. Byrne, R. Wood, I. Hickman, X. Cheneviere, and D. Malatesta, Reproducibility of Fatmax and Fat Oxidation Rates during Exercise in Recreationally Trained Males. *PLoS One*, 2014. 9(6): p. e97930.
 43. Dale, R.C., F. Brilot, L.V. Duffy, M. Twilt, A.T. Waldman, S. Narula, E. Muscal, K. Deiva, E. Andersen, M.R. Eyre, D. Eleftheriou, P.A. Brogan, R. Kneen, G. Alper, B. Anlar, E. Wassmer, K. Heineman, C. Hemingway, C.J. Riney, A. Kornberg, M. Tardieu, A. Stocco, B. Banwell, M.P. Gorman, S.M. Benseler, and M. Lim, Utility and safety of rituximab in pediatric autoimmune and inflammatory CNS disease. *Neurology*, 2014. 83(2): p. 142-50.
 44. De Cruz, P., M.A. Kamm, A.L. Hamilton, K.J. Ritchie, E.O. Krejany, A. Gorelik, D. Liew, L. Prideaux, I.C. Lawrance, J.M. Andrews, P.A. Bampton, P.R. Gibson, M. Sparrow, R.W. Leong, T.H. Florin, R.B. Gearry, G. Radford-Smith, F.A. Macrae, H. Debinski, W. Selby, I. Kronborg, M.J. Johnston, R. Woods, P.R. Elliott, S.J. Bell, S.J. Brown, W.R. Connell, and P.V. Desmond, Crohn's disease management after intestinal resection: a randomised trial. *Lancet*, 2014.
-

2014 Mater Research publications

45. De Young, A.C., J. Hendrikz, J.A. Kenardy, V.E. Cobham, and R.M. Kimble, Prospective evaluation of parent distress following pediatric burns and identification of risk factors for young child and parent posttraumatic stress disorder. *J Child Adolesc Psychopharmacol*, 2014. 24(1): p. 9-17.
46. Dean, A.J., W. Bor, K. Adam, F.G. Bowling, and M.A. Bellgrove, A Randomized, Controlled, Crossover Trial of Fish Oil Treatment for Impulsive Aggression in Children and Adolescents with Disruptive Behavior Disorders. *J Child Adolesc Psychopharmacol*, 2014. 24(3): p. 140-8.
47. d'Emden, H., B. McDermott, K. Gibbons, M. Harris, and A. Cotterill, Choosing a screening tool to assess disordered eating in adolescents with type 1 diabetes mellitus. *Diabetes and its complications*, 2014. 29(1): p. 2-4.
48. Dench, B., J. Lucas, C. Perkins, and G. Diver, Nursing assessment and strategy utilization for falls prevention among medical and orthopaedic patients in an acute public hospital setting: A best practice implementation project. *JBI Database of Systematic Reviews & Implementation Reports*, 2014. 12(10): p. 267-81.
49. Ding, Y., A. Wilkinson, A. Idris, B. Fancke, M. O'Keeffe, D. Khalil, X. Ju, M.H. Lahoud, I. Caminschi, K. Shortman, R. Rodwell, S. Vuckovic, and K.J. Radford, FLT3-Ligand Treatment of Humanized Mice Results in the Generation of Large Numbers of CD141+ and CD1c+ Dendritic Cells In Vivo. *J Immunol*, 2014. 192(4): p. 1982-9.
50. Doan, E., K. Gibbons, and D. Tudehope, The timing of elective caesarean deliveries and early neonatal outcomes in singleton infants born 37-41 weeks' gestation. *Aust N Z J Obstet Gynaecol*, 2014. 54(4): p. 340-7.
51. Doan, T., R. Ware, L. McPherson, K. van Dooren, C. Bain, S. Carrington, S. Einfeld, B. Tonge, and N. Lennox, Psychotropic medication use in adolescents with intellectual disability living in the community. *Pharmacoepidemiol Drug Saf*, 2014. 23(1): p. 69-76.
52. Doecke, J.D., L.A. Simms, Z.Z. Zhao, R.L. Roberts, E.V. Fowler, A. Croft, A. Lin, N. Huang, D.C. Whiteman, T.H. Florin, M.L. Barclay, T.R. Merriman, R.B. Geary, G.W. Montgomery, and G.L. Radford-Smith, Smoking Behaviour Modifies IL23r-Crohn's Disease Risk in Patients with Crohn's Disease. *J Gastroenterol Hepatol*, 2014.
53. Dong, Y., B.S. Harrington, M.N. Adams, A. Wortmann, S.A. Stephenson, J. Lisle, A. Herington, J.D. Hooper, and J.A. Clements, Activation of membrane-bound proteins and receptor systems: a link between tissue kallikrein and the KLK-related peptidases. *Biol Chem*, 2014. 395(9): p. 977-90.
54. Doran, M.R., W.B. Lott, and S.E. Doran, Multimedia: a necessary step in the evolution of research funding applications. *Trends Biochem Sci*, 2014. 39(4): p. 151-3.
55. Doyle, L.W., P.J. Anderson, R. Haslam, K.J. Lee, and C. Crowther, School-age outcomes of very preterm infants after antenatal treatment with magnesium sulfate vs placebo. *JAMA*, 2014. 312(11): p. 1105-13.
56. Dunn, L., T. Prior, R. Greer, and S. Kumar, Gender specific intrapartum and neonatal outcomes for term babies. *Eur J Obstet Gynecol Reprod Biol*, 2014. 185C: p. 19-22.
57. Dutertre, S., A.H. Jin, I. Vetter, B. Hamilton, K. Sunagar, V. Lavergne, V. Dutertre, B.G. Fry, A. Antunes, D.J. Venter, P.F. Alewood, and R.J. Lewis, Evolution of separate predation- and defence-evoked venoms in carnivorous cone snails. *Nat Commun*, 2014. 5: p. 3521.
58. Farley, R.C., L.A. Jardine, and J.L. Hough, Strategies for the withdrawal of humidified high flow nasal cannulae (HHFNC) in preterm infants. *Cochrane Database of Systematic Reviews*, 2014.
59. Flenady, V., F. Boyle, L. Koopmans, T. Wilson, W. Stones, and J. Cacciatore, Meeting the needs of parents after a stillbirth or neonatal death. *BJOG*, 2014. 121 Suppl 4: p. 137-40.
60. Flenady, V., H.E. Reinebrant, H.G. Liley, E.G. Tambimuttu, and D.N. Papatsonis, Oxytocin receptor antagonists for inhibiting preterm labour. *Cochrane Database Syst Rev*, 2014. 6: p. CD004452.
61. Flenady, V., A.M. Wojcieszek, D.N. Papatsonis, O.M. Stock, L. Murray, L.A. Jardine, and B. Carbonne, Calcium channel blockers for inhibiting preterm labour and birth. *Cochrane Database Syst Rev*, 2014. 6: p. CD002255.
62. Foley, S.R., C. Solano, G. Simonova, M.M. Spanevello, R.J. Bird, J.W. Semple, D.E. Jackson, A. Schibler, J.F. Fraser, and Y.L. Fung, A comprehensive study of ovine haemostasis to assess suitability to model human coagulation. *Thromb Res*, 2014. 134(2): p. 468-73.
63. Forbes, J.M., K.C. Sourris, M.P. de Courten, S.L. Dougherty, V. Chand, J.G. Lyons, D. Bertovic, M.T. Coughlan, M.P. Schlaich, G. Soldatos, M.E. Cooper, N.E. Straznicki, B.A. Kingwell, and B. de Courten, Advanced glycation end products (AGEs) are cross-sectionally associated with insulin secretion in healthy subjects. *Amino Acids*, 2014. 46(2): p. 321-6.
64. Forster, M., K. Dennison, J. Callan, A. Georgiou, and J.I. Westbrook, Maternity patients' access to their electronic medical records: use and perspectives of a patient portal. *Health Information Management Journal*, 2014.
65. Francis, J.R., C. Nourse, V.L. Vaska, S. Calvert, J.A. Northill, B. McCall, and A.C. Mattke, Australian bat lyssavirus in a child: the first reported case. *Pediatrics*, 2014. 133(4): p. e1063-7.
66. Fukami, K., S. Yamagishi, M.T. Coughlan, B.E. Harcourt, P. Kantharidis, V. Thallas-Bonke, S. Okuda, M.E. Cooper, and J.M. Forbes, Ramipril inhibits AGE-RAGE-induced matrix metalloproteinase-2 activation in experimental diabetic nephropathy. *Diabetol Metab Syndr*, 2014. 6(1): p. 86.
67. Futrega, K., M. King, W.B. Lott, and M.R. Doran, Treating the whole not the hole: necessary coupling of technologies for diabetic foot ulcer treatment. *Trends Mol Med*, 2014. 20(3): p. 137-142.

-
68. Gao, Y., L. Gold, C. Josif, S. Bar-Zeev, M. Steenkamp, L. Barclay, Y. Zhao, S. Tracy, and S. Kildea, A cost-consequences analysis of a Midwifery Group Practice for Aboriginal mothers and infants in the Top End of the Northern Territory, Australia. *Midwifery*, 2014. 30(4): p. 447-55.
 69. Georgiou, A., S. Lymer, M. Forster, M. Strachan, S. Graham, G. Hirst, J. Callen, and J.I. Westbrook, Lessons learned from the introduction of an electronic safety net to enhance test result management in an Australian mothers' hospital. *J Am Med Inform Assoc*, 2014. 21(6): p. 1104-8.
 70. Gibbons, K.S. and H. MacGillivray, Education for a workplace statistician. *Topics from Australian Conferences on Teaching Statistics*, ed. M.A.M.a.B.P. H. MacGillivray. 2014, New York: Springer.
 71. Good, P., B. Afsharimani, R. Movva, A. Haywood, S. Khan, and J. Hardy, Therapeutic challenges in cancer pain management: a systematic review of methadone. *J Pain Palliat Care Pharmacother*, 2014. 28(3): p. 197-205.
 72. Good, P., R. Richard, W. Syrmis, S. Jenkins-Marsh, and J. Stephens, Medically assisted hydration for adult palliative care patients. *Cochrane Database Syst Rev*, 2014. 4: p. CD006273.
 73. Good, P., R. Richard, W. Syrmis, S. Jenkins-Marsh, and J. Stephens, Medically assisted nutrition for adult palliative care patients. *Cochrane Database Syst Rev*, 2014. 4: p. CD006274.
 74. Gray, P.H., In infants born extremely preterm, aspirin or NSAID use during pregnancy are associated with increased risk of quadriparetic cerebral palsy. *Evid Based Nurs*, 2014. 17(1): p. 16-7.
 75. Grieco, J.C., S.L. Ciarlone, M. Gieron-Korthals, M.R. Schoenberg, A.G. Smith, R.M. Philpot, H.S. Heussler, J.L. Banko, and E.J. Weeber, An open-label pilot trial of minocycline in children as a treatment for Angelman syndrome. *BMC Neurol*, 2014. 14(1): p. 232.
 76. Griffin, P.M., S.L. Elliott, and K.J. Manton, Fasting increases serum bilirubin levels in clinically normal, healthy males but not females: a retrospective study from phase I clinical trial participants. *J Clin Pathol*, 2014. 67(6): p. 529-34.
 77. Hardy, J. and P. Good, A good death in hospital. *Int Med J*, 2014. 44(4): p. 313-4.
 78. Hardy, J.R., O. Spruyt, S.J. Quinn, L.R. Devilee, and D.C. Currow, Implementing Practice Change In Chronic Cancer Pain Management – clinician response to a phase III study of ketamine. *Intern Med J*, 2014. 44(6): p. 586-91.
 79. Hasnain, S.Z., D.J. Borg, B.E. Harcourt, H. Tong, Y.H. Sheng, C.P. Ng, I. Das, R. Wang, A.C. Chen, T. Loudovaris, T.W. Kay, H.E. Thomas, J.P. Whitehead, J.M. Forbes, J.B. Prins, and M.A. McGuckin, Glycemic control in diabetes is restored by therapeutic manipulation of cytokines that regulate beta cell stress. *Nat Med*, 2014. 20(12): p. 1417-26.
 80. Hawkes, A.L., M. Quinn, V. Gebiski, J. Armes, D. Brennan, M. Janda, and A. Obermair, Improving treatment for obese women with early stage cancer of the uterus: Rationale and design of the levonorgestrel intrauterine device+/- Metformin+/-weight loss in endometrial cancer (feMME) trial. *Contemp Clin Trials*, 2014. 39(1): p. 14-21.
 81. Hawley, G., C. Jackson, J. Hepworth, and S.A. Wilkinson, Sharing of clinical data in a maternity setting: How do paper hand-held records and electronic health records compare for completeness? *BMC Health Serv Res*, 2014. 14(1): p. 650.
 82. Hawley, G., T. Janamian, C. Jackson, and S.A. Wilkinson, In a maternity shared-care environment, what do we know about the paper hand-held and electronic health record: a systematic literature review. *BMC Pregnancy Childbirth*, 2014. 14: p. 52.
 83. Heap, G.A., M.N. Weedon, C.M. Bewshea, A. Singh, M. Chen, J.B. Satchwell, J.P. Vivian, K. So, P.C. Dubois, J.M. Andrews, V. Annese, P. Bampton, M. Barnardo, S. Bell, A. Cole, S.J. Connor, T. Creed, F.R. Cummings, M. D'Amato, T.K. Daneshmend, R.N. Fedorak, T.H. Florin, D.R. Gaya, E. Greig, J. Halfvarson, A. Hart, P.M. Irving, G. Jones, A. Karban, I.C. Lawrance, J.C. Lee, C. Lees, R. Lev-Tzion, J.O. Lindsay, J. Mansfield, J. Mawdsley, Z. Mazhar, M. Parkes, K. Parnell, T.R. Orchard, G. Radford-Smith, R.K. Russell, D. Reffitt, J. Satsangi, M.S. Silverberg, G.C. Sturniolo, M. Tremelling, E.V. Tsianos, D.A. van Heel, A. Walsh, G. Watermeyer, R.K. Weersma, S. Zeissig, J. Rossjohn, A.L. Holden, and T. Ahmad, HLA-DQA1-HLA-DRB1 variants confer susceptibility to pancreatitis induced by thiopurine immunosuppressants. *Nat Genet*, 2014. 46(10): p. 1131-4.
 84. Heath, P.T. and L.A. Jardine, Neonatal infections: group B streptococcus. *Clin Evid (Online)*, 2014. 2014.
 85. Hebert, S., W. Bor, C.C. Swenson, and C. Boyle, Improving collaboration: a qualitative assessment of inter-agency collaboration between a pilot Multisystemic Therapy Child Abuse and Neglect (MST-CAN) program and a child protection team. *Australas Psychiatry*, 2014. 22(4): p. 370-373.
 86. Hennig, S., R. Norris, Q. Tu, K. van Breda, K. Riney, K. Foster, B. Lister, and B. Charles, Population pharmacokinetics of phenytoin in critically ill children. *J Clin Pharmacol*, 2014.
 87. Hills, A.P., D.R. Dengel, and D.R. Lubans, Supporting Public Health Priorities: Recommendations for Physical Education and Physical Activity Promotion in Schools. *Prog Cardiovasc Dis*, 2014.
 88. Hills, A.P., N. Mokhtar, S. Brownie, and N.M. Byrne, Childhood obesity in Asia: the value of accurate body composition methodology. *Asia Pacific Journal of Clinical Nutrition*, 2014. 23(3): p. 339-43.
 89. Hills, A.P., N. Mokhtar, and N. Byrne, Assessment of physical activity and energy expenditure: an overview of objective measures. *Frontiers in Nutrition*, 2014. 1(5).
-

2014 Mater Research publications

90. Hills, A.P., S.J. Street, and N. Harris, Getting Australia more active: challenges and opportunities for health promotion. *Health Promot J Austr*, 2014. 25(1): p. 30-4.
91. Hines, S., K. Kynoch, and J. Munday, Identification and nursing management of dysphagia in individuals with acute neurological impairment: a systematic review (new update). *JBI Database of Systematic Reviews & Implementation Reports*, 2014. 12(5): p. 195-236.
92. Hines, S., M.A. Ramis, S. Pike, and A.M. Chang, The effectiveness of psychosocial interventions for cognitive dysfunction in cancer patients who have received chemotherapy: a systematic review. *Worldviews Evid Based Nurs*, 2014. 11(3): p. 187-93.
93. Holmes, K.L., B. Fontes, P. Hogarth, R. Konz, S. Monard, C.H. Pletcher, Jr., R.B. Wadley, I. Schmid, and S.P. Perfetto, International Society for the Advancement of Cytometry cell sorter biosafety standards. *Cytometry A*, 2014. 85(5): p. 434-53.
94. Holt, A.M., J. Jancey, A.H. Lee, D.A. Kerr, A.P. Hills, A.S. Anderson, and P.A. Howat, A cluster-randomised controlled trial of a physical activity and nutrition programme in retirement villages: a study protocol. *BMJ Open*, 2014. 4(9): p. e005107.
95. Hong, S.B., G.J. Youssef, S.H. Song, N.H. Choi, J. Ryu, B. McDermott, V. Cobham, S. Park, J.W. Kim, M.S. Shin, H.J. Yoo, S.C. Cho, and B.N. Kim, Different clinical courses of children exposed to a single incident of psychological trauma: a 30-month prospective follow-up study. *J Child Psychol Psychiatry*, 2014.
96. Hough, J.L., T.M. Pham, and A. Schibler, Physiologic effect of high-flow nasal cannula in infants with bronchiolitis. *Pediatr Crit Care Med*, 2014. 15(5): p. e214-9.
97. Hough, J.L., A.D. Shearman, H. Liley, C.A. Grant, and A. Schibler, Lung recruitment and endotracheal suction in ventilated preterm infants measured with electrical impedance tomography. *J Paediatr Child Health*, 2014.
98. Hughes, I., M. Harris, A. Cotterill, S. Garnett, E. Bannink, C. Pennell, P. Sly, G.M. Leong, C. Cowell, G. Ambler, G. Werther, P. Hofman, W. Cutfield, and C.S. Choong, Comparison of Centers for Disease Control and Prevention and World Health Organization references/standards for height in contemporary Australian children: Analyses of the Raine Study and Australian National Children's Nutrition and Physical Activity cohorts. *J Paediatr Child Health*, 2014.
99. Hughes, I.P., M. Harris, A. Cotterill, G. Ambler, C.T. Cowell, W.S. Cutfield, G. Werther, and C.S. Choong, Comparison of Weight versus Body Surface Area Based Growth Hormone Dosing for Children: Implications for Response. *Clin Endocrinol (Oxf)*, 2014. 80(3): p. 384-94.
100. Ibiebele, I., M. Coory, F. Boyle, M. Humphrey, S. Vlack, and V. Flenady, Stillbirth rates among indigenous and non-indigenous women in Queensland, Australia: is the gap closing? *BJOG*, 2014.
101. Iyengar, A.J., D.S. Winlaw, J.C. Galati, G.R. Wheaton, T.L. Gentles, L.E. Grigg, R.N. Justo, D.J. Radford, R.G. Weintraub, A. Bullock, D.S. Celermajer, and Y. d'Udekem, The extracardiac conduit Fontan procedure in Australia and New Zealand: hypoplastic left heart syndrome predicts worse early and late outcomes. *Eur J Cardiothorac Surg*, 2014.
102. Jackson, C.L., T. Janamian, C. van Weel, and J.A. Dunbar, Implementation research – its importance and application in primary care. *Med J Aust*, 2014. 201(3): p. S42-3.
103. Jacobsen, R.N., C.E. Forristal, L.J. Raggatt, B. Nowlan, V. Barbier, S. Kaur, N. van Rooijen, I.G. Winkler, A.R. Pettit, and J.P. Levesque, Mobilization with granulocyte colony-stimulating factor blocks medullar erythropoiesis by depleting F4/80+VCAM1+CD169+ER-HR3+Ly6G+ erythroid island macrophages in the mouse. *Exp Hematol*, 2014. 42(7): p. 547-61.
104. Jambhrunkar, S., S. Karmakar, A. Papat, M.H. Yu, and C.Z. Yu, Mesoporous silica nanoparticles enhance the cytotoxicity of curcumin. *Rsc Advances*, 2014. 4(2): p. 709-712.
105. Jambhrunkar, S., Z. Qu, A. Papat, S. Karmakar, C. Xu, and C. Yu, Modulating in vitro release and solubility of griseofulvin using functionalized mesoporous silica nanoparticles. *J Colloid Interface Sci*, 2014. 434: p. 218-25.
106. Jambhrunkar, S., Z. Qu, A. Papat, J. Yang, O. Noonan, L. Acauan, Y. Ahmad Nor, C. Yu, and S. Karmakar, Effect of Surface Functionality of Silica Nanoparticles on Cellular Uptake and Cytotoxicity. *Mol Pharm*, 2014.
107. Janamian, T., C.L. Jackson, N. Glasson, and C. Nicholson, A systematic review of the challenges to implementation of the patient-centred medical home: lessons for Australia. *Med J Aust*, 2014. 201(3): p. S69-73.
108. Jancey, J., S. Dos Remedios Monteiro, S.S. Dhaliwal, P.A. Howat, S. Burns, A.P. Hills, and A.S. Anderson, Dietary outcomes of a community based intervention for mothers of young children: a randomised controlled trial. *Int J Behav Nutr Phys Act*, 2014. 11(1): p. 120.
109. Jaques, S.C., A. Kingsbury, P. Henshcke, C. Chomchai, S. Clews, J. Falconer, M.E. Abdel-Latif, J.M. Feller, and J.L. Oei, Cannabis, the pregnant woman and her child: weeding out the myths. *J Perinatol*, 2014. 34(6): p. 417-24.
110. Jarvis, E. and A. Morton, Adrenal cortical carcinoma mimicking early severe preeclampsia. *Obstetric Medicine*, 2014. 7(1): p. 45-47.
111. Jauncey-Cooke, J., C.E. East, and F. Bogossian, Paediatric lung recruitment: a review of the clinical evidence. *Paediatr Respir Rev*, 2014: p. Epub, doi: 10.1016/j.prrv.2014.02.003.
112. Jayawardena, R., N.M. Byrne, M.J. Soares, P. Katulanda, and A.P. Hills, Body weight perception and weight loss practices among Sri Lankan adults. *Obes Res Clin Pract*, 2014. 8(2): p. e192-200.

-
113. Johnson, D.W., S.V. Badve, E.M. Pascoe, E. Beller, A. Cass, C. Clark, J. de Zoysa, N.M. Isbel, S. McTaggart, A.T. Morrish, E.G. Playford, A. Scaria, P. Snelling, L.A. Vergara, and C.M. Hawley, Antibacterial honey for the prevention of peritoneal-dialysis-related infections (HONEYPOT): a randomised trial. *Lancet Infect Dis*, 2014. 14(1): p. 23-30.
114. Jones, B., F. Muscara, O. Lloyd, L. McKinlay, and R. Justo, Neurodevelopmental outcome following open heart surgery in infancy: 6-year follow-up. *Cardiol Young*, 2014: p. 1-8.
115. Kagawa, M., C. Wishart, and A.P. Hills, Influence of posture and frequency modes in total body water estimation using bioelectrical impedance spectroscopy in boys and adult males. *Nutrients*, 2014. 6(5): p. 1886-98.
116. Keenan, B.E., M.T. Izatt, G.N. Askin, R.D. Labrom, G.J. Pettet, M.J. Percy, and C.J. Adam, Segmental torso masses in adolescent idiopathic scoliosis. *Clin Biomech (Bristol, Avon)*, 2014. 29(7): p. 773-9.
117. Kelly, J., S. Khalesi, K. Dickinson, S. Hines, A. Coombes, and A. Todd, The effect of dietary sodium modification on blood pressure in studies of subjects with systolic blood pressure less than 140mmHg: a systematic review protocol. *JBI Database of Systematic Reviews & Implementation Reports*, 2014. 12(8): p. 20-26.
118. King, T.E., Jr., W.Z. Bradford, S. Castro-Bernardini, E.A. Fagan, I. Glaspole, M.K. Glassberg, E. Gorina, P.M. Hopkins, D. Kardatzke, L. Lancaster, D.J. Lederer, S.D. Nathan, C.A. Pereira, S.A. Sahn, R. Sussman, J.J. Swigris, and P.W. Noble, A phase 3 trial of pirfenidone in patients with idiopathic pulmonary fibrosis. *N Engl J Med*, 2014. 370(22): p. 2083-92.
119. Kingsbury, A.M., R. Hayatbakhsh, K. Gibbons, V. Flenady, and J.M. Najman, Women's frequency of alcohol consumption prior to pregnancy and at their pregnancy-booking visit 2001-2006: A cohort study. *Women Birth*, 2014.
120. Kirby, E., A. Broom, and P. Good, The role and significance of nurses in managing transitions to palliative care: a qualitative study. *BMJ Open*, 2014. 4(9): p. e006026.
121. Kruske, S., T. Schultz, S. Eales, and S. Kildea, A retrospective, descriptive study of maternal and neonatal transfers, and clinical outcomes of a Primary Maternity Unit in rural Queensland, 2009-2011. *Women Birth*, 2014.
122. Kulkarni, B., A.P. Hills, and N.M. Byrne, Nutritional influences over the life course on lean body mass of individuals in developing countries. *Nutr Rev*, 2014. 72(3): p. 190-204.
123. Kulkarni, B., H. Kuper, K.V. Radhakrishna, A.P. Hills, N.M. Byrne, A. Taylor, R. Sullivan, L. Bowen, J.C. Wells, Y. Ben-Shlomo, G. Davey Smith, S. Ebrahim, and S. Kinra, The association of early life supplemental nutrition with lean body mass and grip strength in adulthood: evidence from APCAPS. *Am J Epidemiol*, 2014. 179(6): p. 700-9.
124. Kulkarni, B., H. Kuper, A. Taylor, J.C. Wells, K.V. Radhakrishna, S. Kinra, Y. Ben-Shlomo, G.D. Smith, S. Ebrahim, A.V. Kurpad, N.M. Byrne, and A.P. Hills, Assessment of body composition in Indian adults: comparison between dual-energy X-ray absorptiometry and isotope dilution technique. *Br J Nutr*, 2014. 11: p. 1-7.
125. Kumar, G., A.C. Mattke, F. Bowling, A. McWhinney, N. Alphonso, and T.R. Karl, Resuscitation of a neonate with medium chain acyl-coenzyme a dehydrogenase deficiency using extracorporeal life support. *World J Pediatr Congenit Heart Surg*, 2014. 5(1): p. 118-20.
126. Lai, M., G.D.T. Inglis, K. Hose, L.A. Jardine, and M.W. Davies, Methods for securing endotracheal tubes in newborn infants. *Cochrane Database of Systematic Reviews*, 2014(7).
127. Lam, S.J., S. Best, and S. Kumar, The impact of fibroid characteristics on pregnancy outcome. *Am J Obstet Gynecol*, 2014. 211(4): p. 395 e1-5.
128. Larcombe, P.J., N. Kapur, C.J. Fraser, M.G. Coulthard, and L.J. Schlapbach, Intrabronchial administration of activated recombinant factor VII in a young child with diffuse alveolar hemorrhage. *Pediatr Blood Cancer*, 2014. 61(3): p. 570-1.
129. Lawson, J., C.-F. Chan, C.-S. Chi, P.-C. Fan, H.D. Kim, K.J. Kim, S. Likasitwattanakul, M. Ortiz, K. Riney, S.K.-H. Tay, and C.-K. Tham, Managing tuberous sclerosis in Asia-Pacific: Refining practice and the role of targeted therapy. *Journal of Clinical Neuroscience*, 2014. 21(7): p. 1180-7.
130. Leung, C., C.B. Herath, Z. Jia, M. Goodwin, K.Y. Mak, M.J. Watt, J.M. Forbes, and P.W. Angus, Dietary glycotoxins exacerbate progression of experimental fatty liver disease. *J Hepatol*, 2014. 60(4): p. 832-8.
131. Liley, H., G. Gardener, E. Lopriore, and V.E. Smits-Wintjens, Immune Hemolytic Disease, in Nathan and Oski's Hematology of Infancy and Childhood, S.H. Orkin, et al., Editors. 2014, W.B. Saunders: Philadelphia.
132. Liley, H.G., High dose EPO--friend or foe in the newborn? *J Physiol*, 2014. 592(Pt 9): p. 1909-10.
133. Longman, J., J.M. Pilcher, D.A. Donoghue, M. Rolfe, S.V. Kildea, S. Kruske, J.J. Oats, G.G. Morgan, and L.M. Barclay, Identifying maternity services in public hospitals in rural and remote Australia. *Aust Health Rev*, 2014. 38(3): p. 337-44.
134. Lwin, Z., A. Broom, R. Cosman, A. Livingstone, K. Sawkins, P. Good, E. Kirby, E. Koh, and E. Hovey, Culturally and linguistically diverse patient participation in glioma research. *Neuro-Oncology Practice*, 2014. 1(3): p. 101-105.
135. MacArtney, J.I., A. Broom, E. Kirby, P. Good, J. Wootton, P.M. Yates, and J. Adams, On resilience and acceptance in the transition to palliative care at the end of life. *Health (London)*, 2014.
-

2014 Mater Research publications

136. Maftai, O., A.S. Pena, T. Sullivan, T.W. Jones, K.C. Donaghue, F.J. Cameron, E. Davis, A. Cotterill, M.E. Craig, R. Gent, N. Dalton, D. Daneman, D. Dunger, J. Deanfield, and J.J. Couper, Early Atherosclerosis Relates to Urinary Albumin Excretion and Cardiovascular Risk Factors in Adolescents With Type 1 Diabetes: Adolescent Type 1 Diabetes cardio-renal Intervention Trial (AddIT). *Diabetes Care*, 2014.
137. Mahomed, K., P. Amaranarayana, and I. Ibiebele, External Cephalic Version: A single centre experience. *Open Journal of Obstetrics and Gynecology*, 2014. 4: p. 294-99.
138. Malwade, U.S. and L.A. Jardine, Home- versus hospital-based phototherapy for the treatment of non-haemolytic jaundice in infants at more than 37 weeks' gestation. *Cochrane Database Syst Rev*, 2014. 6: p. CD010212.
139. Manassis, K., T.C. Lee, K. Bennett, X.Y. Zhao, S. Mendlowitz, S. Duda, M. Saini, P. Wilansky, S. Baer, P. Barrett, D. Bodden, V.E. Cobham, M.R. Dadds, E. Flannery-Schroeder, G. Ginsburg, D. Heyne, J.L. Hudson, P.C. Kendall, J. Liber, C. Masia-Warner, M.H. Nauta, R.M. Rapee, W. Silverman, L. Siqueland, S.H. Spence, E. Utens, and J.J. Wood, Types of parental involvement in CBT with anxious youth: A preliminary meta-analysis. *J Consult Clin Psychol*, 2014. 82(6): p. 1163-72.
140. Manders, M., L.A. McLindon, M. Beckmann, B. Schulze, J. Kremer, and C. Farquhar, Timed intercourse for couples trying to conceive (Protocol). *Cochrane Database of Systematic Reviews*, 2014(10): p. Art. No. CD011345.
141. Marcovecchio, M.L., J. Woodside, T. Jones, D. Daneman, A. Neil, T. Prevost, R.N. Dalton, J. Deanfield, and D.B. Dunger, Adolescent Type 1 Diabetes Cardio-Renal Intervention Trial (AddIT): urinary screening and baseline biochemical and cardiovascular assessments. *Diabetes Care*, 2014. 37(3): p. 805-13.
142. Mayfield, S., F. Bogossian, L. O'Malley, and A. Schibler, High-flow nasal cannula oxygen therapy for infants with bronchiolitis: Pilot study. *J Paediatr Child Health*, 2014. 50(5): p. 373-78.
143. Mayfield, S., J. Jauncey-Cooke, J. Hough, A. Schibler, K. Gibbons, and F. Bogossian, High-flow nasal cannula therapy for respiratory support in children (Review). *Cochrane Database of Systematic Reviews*, 2014.
144. McArdle, A., V. Flenady, J. Toohill, J. Gamble, and D. Creedy, How pregnant women learn about foetal movements: Sources and preferences for information. *Women Birth*, 2014.
145. McCaffrey, N., P. Skuza, K. Breden, S. Eckermann, J. Hardy, S. Oaten, M. Briffa, and D. Currow, Preliminary Development and Validation of a New End-of-Life Patient-Reported Outcome Measure Assessing the Ability of Patients to Finalise Their Affairs at the End of Life. *PLoS One*, 2014. 9(4): p. e94316.
146. McDermott, B., V. Cobham, H. Berry, and B. Kim, Correlates of persisting posttraumatic symptoms in children and adolescents 18 months after a cyclone disaster. *Aust N Z J Psychiatry*, 2014. 48(1): p. 80-6.
147. McDermott, B.M. and V.E. Cobham, A stepped-care model of post-disaster child and adolescent mental health service provision. *Eur J Psychotraumatol*, 2014. 5.
148. McGuckin, M.A. and S.Z. Hasnain, There is a 'uc' in mucus, but is there mucus in UC? *Gut*, 2014. 63(2): p. 216-7.
149. McIntyre, H.D., Dose adjustment for normal eating: a role for the expert patient? *Diabetes Metab J*, 2014. 38(2): p. 87-91.
150. McIntyre, H.D., B.E. Metzger, D.R. Coustan, A.R. Dyer, D.R. Hadden, M. Hod, L.P. Lowe, J.J. Oats, and B. Persson, Counterpoint: establishing consensus in the diagnosis of GDM following the HAPO study. *Curr Diab Rep*, 2014. 14(6): p. 497.
151. Medway, M., A. Tong, J.C. Craig, S. Kim, F. Mackie, S. McTaggart, A. Walker, and G. Wong, Parental Perspectives on the Financial Impact of Caring for a Child With CKD. *Am J Kidney Dis*, 2014.
152. Middleton, K., J. Jones, Z. Lwin, and J.I. Coward, Interleukin-6: An angiogenic target in solid tumours. *Crit Rev Oncol Hematol*, 2014. 89(1): p. 129-39.
153. Mills, P.B., S.S. Camuzeaux, E.J. Footitt, K.A. Mills, P. Gissen, L. Fisher, K.B. Das, S.M. Varadkar, S. Zuberi, R. McWilliam, T. Stodberg, B. Plecko, M.R. Baumgartner, O. Maier, S. Calvert, K. Riney, N.I. Wolf, J.H. Livingston, P. Bala, C.F. Morel, F. Feillet, F. Raimondi, E. Del Giudice, W.K. Chong, M. Pitt, and P.T. Clayton, Epilepsy due to PNPO mutations: genotype, environment and treatment affect presentation and outcome. *Brain*, 2014. 137(pt5): p. 1350-60.
154. Modh, N., D. Mehta, P. Parejiya, A. Popat, and B. Barot, An overview of recent patents on nanosuspension. *Recent Pat Drug Deliv Formul*, 2014. 8(2): p. 144-54.
155. Mody, K.T., D. Mahony, J. Zhang, A.S. Cavallaro, B. Zhang, A. Popat, T.J. Mahony, C. Yu, and N. Mitter, Silica vesicles as nanocarriers and adjuvants for generating both antibody and T-cell mediated immune responses to Bovine Viral Diarrhoea Virus E2 protein. *Biomaterials*, 2014. 35(37): p. 9972-83.
156. Moloney, T.P., W. Xu, K. Rallah-Baker, N. Oliveira, N. Woodward, and J.J. Farrah, Toxic optic neuropathy in the setting of docetaxel chemotherapy: a case report. *BMC Ophthalmol*, 2014. 14: p. 18.
157. Monteiro, S.M., J. Jancey, S.S. Dhaliwal, P.A. Howat, S. Burns, A.P. Hills, and A.S. Anderson, Results of a randomized controlled trial to promote physical activity behaviours in mothers with young children. *Prev Med*, 2014. 59: p. 12-8.

158. Montgomery, K., N.L. Choy, M. Steele, and J. Hough, The effectiveness of quarter turn from prone in maintaining respiratory function in premature infants. *J Paediatr Child Health*, 2014. 50(12): p. 972-7.
159. Moran, C., G. Munch, J.M. Forbes, R. Beare, L. Blizzard, A.J. Venn, T.G. Phan, J. Chen, and V. Srikanth, Type 2 diabetes mellitus, skin autofluorescence and brain atrophy. *Diabetes*, 2014.
160. Mordaunt, D., M. Gabbett, M. Waugh, K. O'Brien, and H. Heussler, Uptake and Diagnostic Yield of Chromosomal Microarray in an Australian Child Development Clinic. *Children*, 2014. 1(1): p. 21-30.
161. Moretto, N., E. Kendall, J. Whitty, J. Byrnes, A.P. Hills, L. Gordon, E. Turkstra, P. Scuffham, and T. Comans, Yes, the government should tax soft drinks: findings from a citizens' jury in australia. *Int J Environ Res Public Health*, 2014. 11(3): p. 2456-71.
162. Morton, A., When lab tests lie ... heterophile antibodies. *Aust Fam Physician*, 2014. 43(6): p. 391-3.
163. Morton, A., All that glitters. ... False elevation of troponin because of heterophile antibodies. *Emerg Med Australas*, 2014.
164. Morton, A., J. Hardy, A. Tapuni, H. Anderson, N. Kingi, and C. Shannon, Vitamin D deficiency in patients with malignancy in Brisbane. *Support Care Cancer*, 2014. 22(8): p. 2223-7.
165. Munday, J., K. Kynoch, and S. Hines, Nurses' experiences of advocacy in the perioperative department: a systematic review protocol. *JBIC Database of Systematic Reviews & Implementation Reports*, 2014. 12(5): p. 42-53.
166. Munday, J., K. Kynoch, and S. Hines, The effectiveness of information-sharing interventions to reduce anxiety in families waiting for surgical patients undergoing an elective surgical procedure: a systematic review. *JBIC Database of Systematic Reviews & Implementation Reports*, 2014. 12(3): p. 234-73.
167. Murphy, M., S. Journeaux, J. Hides, and T. Russell, Does flexion of the femoral implant in total knee arthroplasty increase knee flexion: A randomised controlled trial. *Knee*, 2014. 21(1): p. 257-63.
168. Murphy, M.T., T.L. Skinner, A.G. Cresswell, R.W. Crawford, S.F. Journeaux, and T.G. Russell, The Effect of Knee Flexion Contracture Following Total Knee Arthroplasty on the Energy Cost of Walking. *J Arthroplasty*, 2014. 29(1): p. 85-89.
169. Najman, J.M., R. Alati, W. Bor, A. Clavarino, A. Mamun, J.J. McGrath, D. McIntyre, M. O'Callaghan, J. Scott, G. Shuttlewood, G.M. Williams, and N. Wray, Cohort Profile Update: The Mater-University of Queensland Study of Pregnancy (MUSP). *Int J Epidemiol*, 2014.
170. Ng, S.K., C.M. Cameron, A.P. Hills, R.J. McClure, and P.A. Scuffham, Socioeconomic disparities in prepregnancy BMI and impact on maternal and neonatal outcomes and postpartum weight retention: the EFHL longitudinal birth cohort study. *BMC Pregnancy Childbirth*, 2014. 14(1): p. 314.
171. Nicholson, C., C.L. Jackson, and J.E. Marley, Best-practice integrated health care governance – applying evidence to Australia's health reform agenda. *Med J Aust*, 2014. 201(3): p. S64-6.
172. Nitert, M.D., H.L. Barrett, M.H. Kubala, K. Scholz Romero, K.J. Denny, T.M. Woodruff, H.D. McIntyre, and L.K. Callaway, Increased placental expression of Fibroblast Growth Factor 21 in gestational diabetes mellitus. *J Clin Endocrinol Metab*, 2014. 99(4): p. E591-8.
173. Osowicki, J., A. Gwee, J. Noronha, P. Palasanthiran, B. McMullan, P.N. Britton, D. Isaacs, T. Lai, C. Nourse, M. Avent, P. Moriarty, J. Clark, J.R. Francis, C.C. Blyth, C.M. Cooper, and P.A. Bryant, The impact of an infectious diseases consultation on antimicrobial prescribing. *Pediatr Infect Dis J*, 2014. 33(6): p. 669-71.
174. Painter, J.N., D.R. Nyholt, L. Krause, Z.Z. Zhao, B. Chapman, C. Zhang, S. Medland, N.G. Martin, S. Kennedy, S. Treloar, K. Zondervan, and G.W. Montgomery, Common variants in the CYP2C19 gene are associated with susceptibility to endometriosis. *Fertil Steril*, 2014.
175. Panda, B.R., N. Alphonso, M. Govindasamy, B. Anderson, C. Stocker, and T.R. Karl, Cardiac catheter procedures during extracorporeal life support: a risk-benefit analysis. *World J Pediatr Congenit Heart Surg*, 2014. 5(1): p. 31-7.
176. Pascarella, G., D. Lazarevic, C. Plessy, N. Bertin, A. Akalin, C. Vlachouli, R. Simone, G.J. Faulkner, S. Zucchelli, J. Kawai, C.O. Daub, Y. Hayashizaki, B. Lenhard, P. Carninci, and S. Gustinich, NanoCAGE analysis of the mouse olfactory epithelium identifies the expression of vomeronasal receptors and of proximal LINE elements. *Front Cell Neurosci*, 2014. 8: p. 41.
177. Pattabiraman, D.R., C. McGirr, K. Shakhbazov, V. Barbier, K. Krishnan, P. Mukhopadhyay, P. Hawthorne, A. Trezise, J. Ding, S.M. Grimmond, P. Papathanasiou, W.S. Alexander, A.C. Perkins, J.P. Levesque, I.G. Winkler, and T.J. Gonda, Interaction of c-Myb with p300 is required for the induction of acute myeloid leukemia (AML) by human AML oncogenes. *Blood*, 2014. 123(17): p. 2682-90.
178. Pavlidis, P., A. Ansari, J. Duley, I. Oancea, and T. Florin, Splitting a Therapeutic Dose of Thioguanine May Avoid Liver Toxicity and Be an Efficacious Treatment for Severe Inflammatory Bowel Disease: A 2-Center Observational Cohort Study. *Inflamm Bowel Dis*, 2014. 20(12): p. 2239-46.
179. Peacock, A., F. Bogossian, S. Wilkinson, K. Gibbons, C. Kim, and H.D. McIntyre, A Randomised Controlled Trial to Delay or Prevent Type 2 Diabetes after Gestational Diabetes: Walking for Exercise and Nutrition to Prevent Diabetes for You. *Int J Endocrinol*, 2014.

2014 Mater Research publications

180. Peacock, A.S., F. Bogossian, H.D. McIntyre, and S. Wilkinson, A review of interventions to prevent Type 2 Diabetes after Gestational Diabetes. *Women and Birth*, 2014.
181. Pham, T.M., L. O'Malley, S. Mayfield, S. Martin, and A. Schibler, The effect of high flow nasal cannula therapy on the work of breathing in infants with bronchiolitis. *Pediatr Pulmonol*, 2014.
182. Pikora, T.J., J. Bourke, K. Bathgate, K.R. Foley, N. Lennox, and H. Leonard, Health conditions and their impact among adolescents and young adults with Down syndrome. *PLoS One*, 2014. 9(5): p. e96868.
183. Pitt, E., E. Kendall, A.P. Hills, and T. Comans, Listening to the experts: is there a place for food taxation in the fight against obesity in early childhood? *BMC Obesity*, 2014. 1(15).
184. Popat, A., S. Jambhrunkar, J. Zhang, J. Yang, H. Zhang, A. Meka, and C. Yu, Programmable drug release using bioresponsive mesoporous silica nanoparticles for site-specific oral drug delivery. *Chem Commun (Camb)*, 2014. 50(42): p. 5547-50.
185. Popat, A., S. Karmakar, S. Jambhrunkar, C. Xu, and C. Yu, Curcumin-cyclodextrin encapsulated chitosan nanoconjugates with enhanced solubility and cell cytotoxicity. *Colloids Surf B Biointerfaces*, 2014. 117: p. 520-7.
186. Porteous, H.E., M.A. Palmer, and S.A. Wilkinson, Informing maternity service development by surveying new mothers about preferences for nutrition education during their pregnancy in an area of social disadvantage. *Women Birth*, 2014. 27(3): p. 196-201.
187. Poulsen, K.M., N.A. Pachana, and B.M. McDermott, Health professionals' detection of depression and anxiety in their patients with diabetes: The influence of patient, illness and psychological factors. *J Health Psychol*, 2014.
188. Prior, T. and S. Kumar, Mode of delivery has an independent impact on neonatal condition at birth. *Eur J Obstet Gynecol Reprod Biol*, 2014. 181C: p. 135-139.
189. Prior, T., E. Mullins, P. Bennett, and S. Kumar, Umbilical venous flow rate in term fetuses: can variations in flow predict intrapartum compromise? *Am J Obstet Gynecol*, 2014. 210(1): p. 61 e1-8.
190. Prior, T., E. Mullins, P. Bennett, and S. Kumar, Prediction of fetal compromise in labor. *Obstet Gynecol*, 2014. 123(6): p. 1263-71.
191. Prior, T., E. Mullins, P. Bennett, and S. Kumar, Are 1st-trimester beta-human chorionic gonadotrophin and pregnancy-associated plasma protein A levels predictive of intrapartum fetal compromise in a selected normal population? *Aust N Z J Obstet Gynaecol*, 2014.
192. Radford, K.J., K.M. Tullett, and M.H. Lahoud, Dendritic cells and cancer immunotherapy. *Curr Opin Immunol*, 2014. 27C: p. 26-32.
193. Raggatt, L.J., M.E. Wulfschleger, K.A. Alexander, A.C. Wu, S.M. Millard, S. Kaur, M.L. Maugham, L.S. Gregory, R. Steck, and A.R. Pettit, Fracture Healing via Periosteal Callus Formation Requires Macrophages for Both Initiation and Progression of Early Endochondral Ossification. *Am J Pathol*, 2014. 184(12): p. 3192-204.
194. Rehaume, L.M., S. Mondot, D. Aguirre de Carcer, J. Velasco, H. Benham, S.Z. Hasnain, J. Bowman, M. Ruutu, P.M. Hansbro, M.A. McGuckin, M. Morrison, and R. Thomas, ZAP-70 genotype disrupts the relationship between microbiota and host, leading to spondyloarthritis and ileitis in SKG mice. *Arthritis Rheumatol*, 2014. 66(10): p. 2780-92.
195. Richardson, S.R., S. Morell, and G.J. Faulkner, L1 Retrotransposons and Somatic Mosaicism in the Brain. *Annu Rev Genet*, 2014.
196. Richardson, S.R., C. Salvador-Palomeque, and G.J. Faulkner, Diversity through duplication: Whole-genome sequencing reveals novel gene retrocopies in the human population. *BioEssays*, 2014. 36(5): p. 465-81.
197. Roder, D., H.M. Zorbas, J. Kollias, C.M. Pyke, D. Walters, I.D. Campbell, C. Taylor, and F. Webster, Analysing risk factors for poorer breast cancer outcomes in residents of lower socioeconomic areas of Australia. *Aust Health Rev*, 2014. 38(2): p. 134-41.
198. Rogers, G.B., K.D. Bruce, M.L. Martin, L.D. Burr, and D.J. Serisier, The effect of long-term macrolide treatment on respiratory microbiota composition in non-cystic fibrosis bronchiectasis: an analysis from the randomised, double-blind, placebo-controlled BLESS trial. *Lancet Respir Med*, 2014. 2(12): p. 988-96.
199. Rogers, G.B., J. Kozłowska, J. Keeble, K. Metcalfe, M. Fao, S.E. Dowd, A.J. Mason, M.A. McGuckin, and K.D. Bruce, Functional divergence in gastrointestinal microbiota in physically-separated genetically identical mice. *Sci Rep*, 2014. 4: p. 5437.
200. Rogers, G.B., D. Shaw, R.L. Marsh, M.P. Carroll, D.J. Serisier, and K.D. Bruce, Respiratory microbiota: addressing clinical questions, informing clinical practice. *Thorax*, 2015. 70(1): p. 74-81.
201. Rogers, G.B., C.J. van der Gast, and D.J. Serisier, Predominant pathogen competition and core microbiota divergence in chronic airway infection. *ISME J*, 2015. 9(1): p. 217-25.
202. Rogers, G.B., N.M. Zain, K.D. Bruce, L.D. Burr, A.C. Chen, D.W. Rivett, M.A. McGuckin, and D.J. Serisier, A Novel Microbiota Stratification System Predicts Future Exacerbations in Bronchiectasis. *Ann Am Thorac Soc*, 2014. 11(4): p. 496-503.
203. Rossi, M., D.W. Johnson, M. Morrison, E. Pascoe, J.S. Coombes, J.M. Forbes, B.C. McWhinney, J.P. Ungerer, G. Dimeski, and K.L. Campbell, SYNbiotics Easing Renal failure by improving Gut microbiology (SYNERGY): a protocol of placebo-controlled randomised cross-over trial. *BMC Nephrol*, 2014. 15: p. 106.

-
204. Salonen, K.M., S.J. Ryhanen, J.M. Forbes, T. Harkonen, J. Ilonen, A.P. Laine, P.H. Groop, and M. Knip, Circulating Concentrations of Soluble Receptor for AGE Are Associated With Age and AGER Gene Polymorphisms in Children With Newly Diagnosed Type 1 Diabetes. *Diabetes Care*, 2014. 37(7): p. 1975-81.
205. Scheeringa, M.S., V.E. Cobham, and B. McDermott, Policy and administrative issues for large-scale clinical interventions following disasters. *J Child Adolesc Psychopharmacol*, 2014. 24(1): p. 39-46.
206. Schlapbach, L.J., J. Schaefer, A.M. Brady, S. Mayfield, and A. Schibler, High-flow nasal cannula (HFNC) support in interhospital transport of critically ill children. *Intensive Care Med*, 2014. 40(4): p. 592-9.
207. Schlapbach, L.J., L. Straney, J. Alexander, G. MacLaren, M. Festa, A. Schibler, and A. Slater, Mortality related to invasive infections, sepsis, and septic shock in critically ill children in Australia and New Zealand, 2002-13: a multicentre retrospective cohort study. *Lancet Infect Dis*, 2014. 15(1): p. 46-54.
208. Schranz, N., T. Olds, D. Cliff, M. Davern, L. Engelen, B. Giles-Corti, S. Gomersall, L. Hardy, K. Hesketh, A. Hills, D. Lubans, D. Macdonald, R. Macniven, P. Morgan, T. Okely, A. Parish, R. Plotnikoff, T. Shilton, L. Straker, A. Timperio, S. Trost, S. Vella, J. Ziviani, and G. Tomkinson, Results from Australia's 2014 Report Card on Physical Activity for Children and Youth. *Journal of Physical Activity and Health*, 2014. 11: p. S21-S25.
209. Schutz, Y., N.M. Byrne, A. Dulloo, and A.P. Hills, Energy gap in the aetiology of body weight gain and obesity: a challenging concept with a complex evaluation and pitfalls. *Obes Facts*, 2014. 7(1): p. 15-25.
210. Schutz, Y., D.M. Nguyen, N.M. Byrne, and A.P. Hills, Effectiveness of three different walking prescription durations on total physical activity in normal- and overweight women. *Obes Facts*, 2014. 7(4): p. 264-73.
211. Serisier, D., Macrolides for bronchiectasis and chronic obstructive pulmonary disease: should we worry about antimicrobial resistance? *Clinical Investigation*, 2014. 4(7): p. 591-4.
212. Serisier, D.J., Letter to the editor: Inaccurate data in meta-analysis of macrolides by Shi et al. *Pulm Pharmacol Ther*, 2014. 28(2): p. 179.
213. Serisier, D.J., The evidence base for non-CF bronchiectasis is finally evolving. *Respirology*, 2014. 19(3): p. 295-7.
214. Serisier, D.J., Inaccurate data in meta-analysis of macrolides by Guang-Ying et al. *Pulm Pharmacol Ther*, 2014.
215. Shepherd, M., J.K. Hamill, and R. Barker, Button battery injury in children – a primary care issue? *J Prim Health Care*, 2014. 6(1): p. 69-72.
216. Shultz, S.P., N.M. Byrne, and A.P. Hills, Musculoskeletal Function and Obesity: Implications for Physical Activity. *Curr Obes Rep*, 2014. 3: p. 355-360.
217. Shultz, S.P., E. D'Hondt, P.W. Fink, M. Lenoir, and A.P. Hills, The effects of pediatric obesity on dynamic joint malalignment during gait. *Clin Biomech (Bristol, Avon)*, 2014.
218. Shultz, S.P., E. D'Hondt, M. Lenoir, P.W. Fink, and A.P. Hills, The role of excess mass in the adaptation of children's gait. *Hum Mov Sci*, 2014. 36C: p. 12-19.
219. Shultz, S.P., M. Kagawa, P.W. Fink, and A.P. Hills, Knee alignment can help predict sedentary behaviour in children: a pilot study. *J Sports Med Phys Fitness*, 2014. 54(5): p. 631-5.
220. Snow, K.J., J.T. Young, D.B. Preen, N.G. Lennox, and S.A. Kinner, Incidence and correlates of hepatitis C virus infection in a large cohort of prisoners who have injected drugs. *BMC Public Health*, 2014. 14: p. 830.
221. Soan, E.J., S.J. Street, S.M. Brownie, and A.P. Hills, Exercise physiologists: essential players in interdisciplinary teams for noncommunicable chronic disease management. *J Multidiscip Healthc*, 2014. 7: p. 65-8.
222. Sourris, K.C., J.G. Lyons, S.L. Dougherty, V. Chand, N.E. Straznicky, M.P. Schlaich, M.T. Grima, M.E. Cooper, B.A. Kingwell, M.P. de Courten, J.M. Forbes, and B. de Courten, Plasma advanced glycation end products (AGEs) and NF-kappaB activity are independent determinants of diastolic and pulse pressure. *Clin Chem Lab Med*, 2014. 52(1): p. 129-38.
223. Speckmann, B., K. Gerloff, L. Simms, I. Oancea, W. Shi, M.A. McGuckin, G. Radford-Smith, and K.K. Khanna, Selenoprotein S is a marker but not a regulator of endoplasmic reticulum stress in intestinal epithelial cells. *Free Radic Biol Med*, 2014. 67C: p. 265-277.
224. Spicer, R.A., P.A. Clayton, S.J. McTaggart, G.Y. Zhang, and S.I. Alexander, Patient and Graft Survival Following Kidney Transplantation in Recipients With Cystinosis: A Cohort Study. *Am J Kidney Dis*, 2014. 65(1): p. 172-3.
225. Stapleton, H., R. Murphy, and S. Kildea, Insiders as outsiders: Bicultural research assistants describe their participation in the evaluation of an antenatal clinic for women from refugee backgrounds. *Qualitative Social Work*, 2014.
226. Stock, O. and M. Beckmann, Why group & save? Blood transfusion at low-risk elective caesarean section. *Aust N Z J Obstet Gynaecol*, 2014. 54(3): p. 279-82.
227. Sturgess, D.J., Transthoracic Echocardiography: An Overview., in *Critical Care Ultrasound*, P. Lumb and D. Karakitsos, Editors. 2014, Elsevier Saunders. p. 139-45.
228. Sturgess, D.J., D.R. Hamilton, A.E. Sargsyan, P. Lumb, and D. Karakitsos, Hemodynamic Monitoring Considerations in the Intensive Care Unit., in *Critical Care Ultrasound*, P. Lumb and D. Karakitsos, Editors. 2014, Elsevier Saunders. p. 194-99.
-

2014 Mater Research publications

229. Sullivan, M.A., S. Li, S.T. Aroney, B. Deng, C. Li, E. Roura, B.L. Schulz, B.E. Harcourt, J.M. Forbes, and R.G. Gilbert, A rapid extraction method for glycogen from formalin-fixed liver. *Carbohydr Polym*, 2015. 118: p. 9-15.
230. Sun, J., N.J. Buys, and A.P. Hills, Dietary pattern and its association with the prevalence of obesity, hypertension and other cardiovascular risk factors among Chinese older adults. *Int J Environ Res Public Health*, 2014. 11(4): p. 3956-71.
231. Syrmis, W., P. Good, J. Wootton, and G. Spurling, Opioid conversion ratios used in palliative care: is there an Australian consensus? *Intern Med J*, 2014. 44(5): p. 483-9.
232. Szvetko, A., E. Hurrion, A. Dunn, S. Fasihullah, and S. Withers, Axillary artery thrombosis in a neonate in utero: a case report. *Case Rep Pediatr*, 2014. 2014: p. 417147.
233. Taing, M.W., F.J. Rose, and J.P. Whitehead, GLP-1(28-36) amide, the Glucagon-like peptide-1 metabolite: friend, foe, or pharmacological folly? *Drug Des Devel Ther*, 2014. 8: p. 677-688.
234. Tanhoffer, R.A., A.I. Tanhoffer, J. Raymond, N.A. Johnson, A.P. Hills, and G.M. Davis, Energy Expenditure in Individuals With Spinal Cord Injury Quantified by Doubly-Labelled Water and a Multi-Sensor Armband. *J Phys Act Health*, 2014.
235. Teo, P.S., A. Nurul-Fadhilah, M.E. Aziz, A.P. Hills, and L.H. Foo, Lifestyle practices and obesity in Malaysian adolescents. *Int J Environ Res Public Health*, 2014. 11(6): p. 5828-38.
236. Terrill, P.I., C. Dakin, I. Hughes, M. Yuill, and C. Parsley, Nocturnal oxygen saturation profiles of healthy term infants. *Arch Dis Child*, 2014.
237. Tesch, G., K.C. Sourris, S.A. Summers, D. McCarthy, M.S. Ward, D.J. Borg, L.A. Gallo, A.K. Fotheringham, A.R. Pettit, F.Y. Yap, B.E. Harcourt, A.L. Tan, J.Y. Kausman, D. Nikolic-Paterson, A.R. Kitching, and J.M. Forbes, Deletion of bone-marrow-derived receptor for AGEs (RAGE) improves renal function in an experimental mouse model of diabetes. *Diabetologia*, 2014.
238. Thallas-Bonke, V., J.C. Jha, S.P. Gray, D. Barit, H. Haller, H.H. Schmidt, M.T. Coughlan, M.E. Cooper, J.M. Forbes, and K.A. Jandeleit-Dahm, Nox-4 deletion reduces oxidative stress and injury by PKC-alpha-associated mechanisms in diabetic nephropathy. *Physiol Rep*, 2014. 2(11).
239. Thomas, J.T., S.G. Petersen, J. Chua, S. Connard, K. Gibbons, R. Cincotta, and G. Gardener, Prominent cervical mucous and its impact on cervical length measurement: Findings of a national survey. *Aust N Z J Obstet Gynaecol*, 2014. 54(2): p. 108-16.
240. Ting, J. and C. Hopper, Bubble and pop sensation in the neck: Potential upper airway obstruction from a non-traumatic mediastinal air leak. *Emerg Med Australas*, 2014. 26(3): p. 309-10.
241. Ting, J.Y., Research accomplishments that are too good to be true: comment. *Intensive Care Med*, 2014. 40(3): p. 467.
242. Tullett, K.M., M.H. Lahoud, and K.J. Radford, Harnessing Human Cross-Presenting CLEC9AXCR1 Dendritic Cells for Immunotherapy. *Front Immunol*, 2014. 5: p. 239.
243. Undheim, E.A., K. Sunagar, B.R. Hamilton, A. Jones, D.J. Venter, B.G. Fry, and G.F. King, Multifunctional warheads: Diversification of the toxin arsenal of centipedes via novel multidomain transcripts. *J Proteomics*, 2014. 102C: p. 1-10.
244. Upton, K.R. and G.J. Faulkner, Blood from 'junk': the LTR chimeric transcript Pu.2 promotes erythropoiesis. *Mob DNA*, 2014. 5: p. 15.
245. van Dooren, K., S.A. Kinner, and M. Hellard, A comparison of risk factors for hepatitis C among young and older adult prisoners. *J Correct Health Care*, 2014. 20(4): p. 280-91.
246. Wan, Y., X. Xhang, J.J. Atherton, K. Kostner, G. Dimeski, and C. Punyadeera, A multimarker approach to diagnose and stratify heart failure. *Int J Cardiol*, 2014. 181C: p. 369-375.
247. Wang, X., L. Mendelsohn, H. Rogers, S. Leitman, N. Raghavachari, Y. Yang, Y.Y. Yau, M. Tallack, A. Perkins, J.G.t. Taylor, C.T. Noguchi, and G.J. Kato, Heme-bound iron activates placenta growth factor in erythroid cells via erythroid Kruppel-like factor. *Blood*, 2014. 124(6): p. 946-54.
248. Warner, J.V., A.P. Morton, A.-J. Hall, M.G. Henman, and L.F.S. Pool, Internet Slimming, Thyrotoxicosis and the Liver. *Medical Journal of Australia*, 2014. 200(7): p. 419-20.
249. Wertheim, D., C. Parsley, S. Burgess, C. Dakin, and P. Seddon, Pulse oximetry plethysmogram analysis could help identify infants with possible apnoeas requiring full investigation. *Acta Paediatr*, 2014. 103(5): p. e222-4.
250. White, M., K. Lawson, R. Ramsey, N. Dennis, Z. Hutchinson, X.Y. Soh, M. Matsuyama, A. Doolan, A. Todd, A. Elliott, K. Bell, and R. Littlewood, A Simple Nutrition Screening Tool for Pediatric Inpatients. *JPEN J Parenter Enteral Nutr*, 2014.
251. Wilkinson, S.A., W.E. Brodribb, S. Upham, T. Janamian, C. Nicholson, and C.L. Jackson, Primary care of women after gestational diabetes mellitus: mapping the evidence-practice gap. *Med J Aust*, 2014. 201(3): p. S74-7.
252. Wilkinson, S.A., S.S. Lim, S. Upham, A. Pennington, S.L. O'Reilly, D. Asproloupou, H.D. McIntyre, and J.A. Dunbar, Who's responsible for the care of women during and after a pregnancy affected by gestational diabetes? *Med J Aust*, 2014. 201(3): p. S78-81.
253. Wilkinson, S.A., S. McCray, M. Beckmann, A. Parry, and H.D. McIntyre, Barriers and enablers to translating gestational diabetes guidelines into practice. *Practical Diabetes*, 2014. 31(2): p. 1-7.














254. Wilson, T., Perinatal loss: Application of loss and grief theories. *Grief Matters: The Australian Journal of Grief and Bereavement*, 2014. 17(2): p. 32-36.
255. Wojcieszek, A.M., O.M. Stock, and V. Flenady, Antibiotics for prelabour rupture of membranes at or near term. *Cochrane Database Syst Rev*, 2014. 10: p. CD001807.
256. Wong, G., M. Medway, M. Didsbury, A. Tong, R. Turner, F. Mackie, S. McTaggart, A. Walker, S. White, K. Howard, S. Kim, and J.C. Craig, Health and wealth in children and adolescents with chronic kidney disease (K-CAD study). *BMC Public Health*, 2014. 14: p. 307.
257. Wu, A.C., L.J. Kidd, N.R. Cowling, W.L. Kelly, and M.R. Forwood, Osteocyte expression of caspase-3, COX-2, IL-6 and sclerostin are spatially and temporally associated following stress fracture initiation. *Bonekey Rep*, 2014. 3: p. 571.
258. Xu, C., Y.T. Niu, A. Papat, S. Jambhrunkar, S. Karmakar, and C.Z. Yu, Rod-like mesoporous silica nanoparticles with rough surfaces for enhanced cellular delivery. *Journal of Materials Chemistry B*, 2014. 2(3): p. 253-256.
259. Yang, Y.N., S. Karmakar, M.H. Yu, A. Papat, and C.Z. Yu, Synthesis of Silica Vesicles with Small Sizes and Reduced Aggregation for Photodynamic Therapy. *Chemistry Letters*, 2014. 43(3): p. 316-318.
260. Yong, M.R., S. Saifzadeh, G.N. Askin, R.D. Labrom, D.W. Huttmacher, and C.J. Adam, Establishment and characterisation of an open mini- thoracotomy surgical approach to an ovine thoracic spine fusion model. *Tissue Eng Part C Methods*, 2014. 20(1): p. 19-27.
261. Yu, C., L.A. Prasanna, A. Meka, S. Jambhrunkar, J. Zhang, C. Xu, and A. Papat, Floating tablets from mesoporous silica nanoparticles. *Journal of Materials Chemistry B*, 2014.
262. Zhang, J., A.P. Raphael, Y. Yannan, A. Papat, T.W. Prow, and C. Yu, Nanodispersed UV blockers in skin-friendly silica vesicles with superior UV-attenuating efficiency. *J. Mater. Chem. B*, 2014.
263. Zhuang, A. and J.M. Forbes, Stress in the kidney is the road to pERdition: is endoplasmic reticulum stress a pathogenic mediator of diabetic nephropathy? *J Endocrinol*, 2014. 222(3): p. R97-R111.

Mater Research patents

Current patent holdings (with a Mater Research Institute-The University of Queensland lead)

Project title	Project number	Legacy project no.	IP family number	IP number	Application number	Application status
Patents Administered by Glycomimetics						
Improved treatment and prophylaxis: mobilisation of stem cells	T10595	MMRI-29	PAT-01235	PAT-01235-AU-01	2008336254	Examination
Improved treatment and prophylaxis: mobilisation of stem cells	T10595	MMRI-29	PAT-01235	PAT-01235-US-01	12/747324	Examination
Improved treatment and prophylaxis: mobilisation of stem cells	T10595	MMRI-29	PAT-01235	PAT-01235-EP-01	08858633.4	Allowed/accepted
Improved treatment and prophylaxis: mobilisation of stem cells	T10595	MMRI-29	PAT-01235	PAT-01235-CA-01	2746551	Examination
Treatment and prophylaxis: chemoprotection	T10600	MMRI-32	PAT-01232	PAT-01232-AU-01	2008336249	Examination
Treatment and prophylaxis: chemoprotection	T10600	MMRI-32	PAT-01232	PAT-01232-US-02	12/746894	Examination
Patents administered by UniQuest Pty Limited						
Pancreatokine	T02257	N/A	PAT-02129	PAT-02129-US-01	62/003492	Application filed
Patents administered by MMRI Ltd						
Mobilising agents and uses therefor	T02257	N/A	PAT-02108	PAT-02108-US-01	61/771373	Application filed

Mater's statistics

 2014	Patient discharges 	Patient days 	Theatre patients 	Beds 
Mater Private Hospital Brisbane 	31 177	96 623	21 294	328
Mater Private Hospital Redland 	9 995	19 373	7 052	71
Mater Mothers' Hospital 	15 670	40 336	3 162	121
Mater Mothers' Private Brisbane 	9 577	32 192	2 011	128
Mater Children's Hospital* 	16 973	39 591	5 572	126
Mater Children's Private Hospital 	5 090	9 164	2 573	39
Mater Hospital Brisbane** 	22 527	51 674	6 447	177
TOTAL 	111 009	288 953	48 111	990

* All Mater Children's Hospital statistics are from 1 January 2014 to 29 November 2014.

** Mater Adult Hospital was renamed Mater Hospital Brisbane on 29 November 2014.

Capital works **\$61 359**

Clinical programs and support **\$490 976.31**

Education **\$161 155.13**

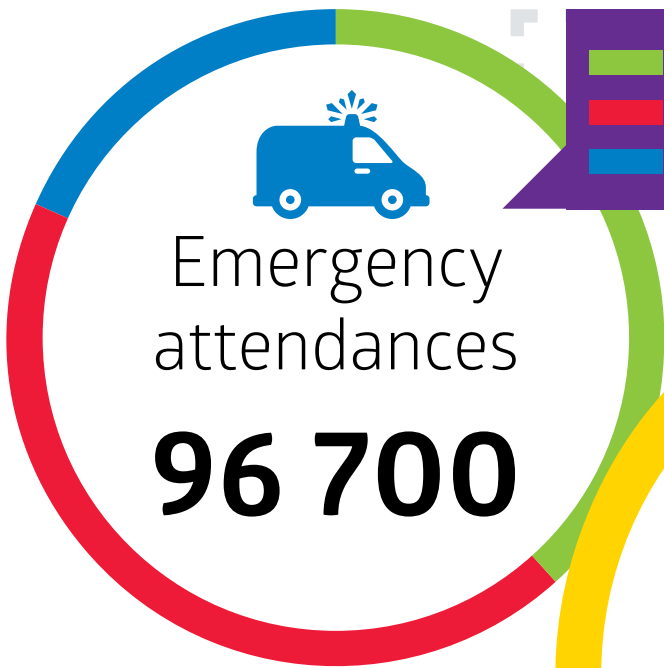
Equipment **\$1 080 632.06**

Mission **\$183 619.79**

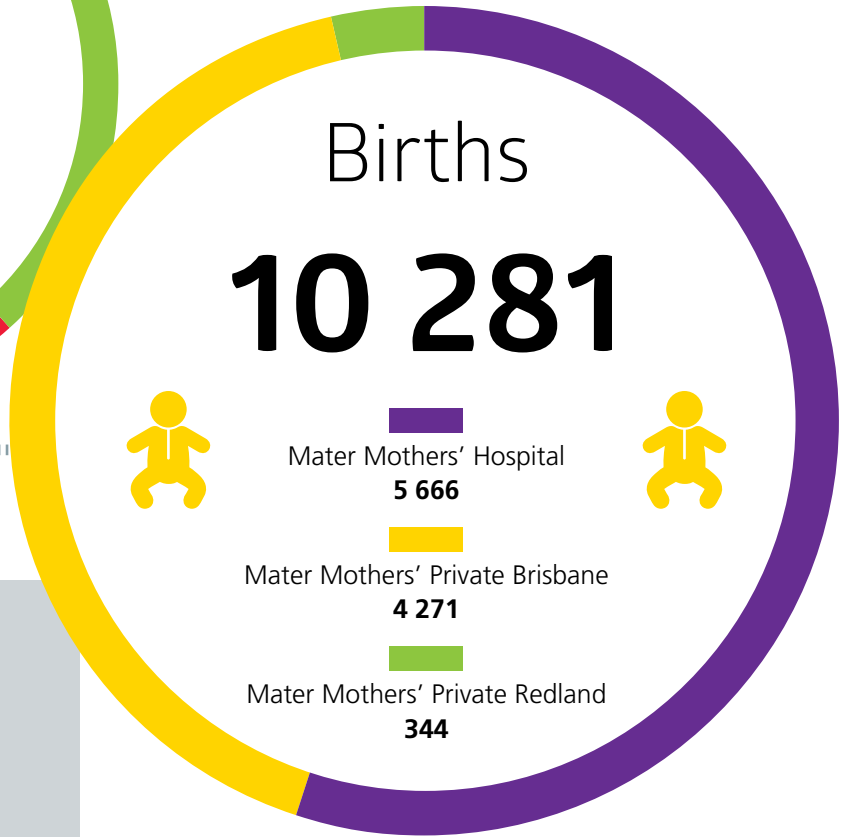
Research **\$9 842 790.33**

Mater
Foundation
funding

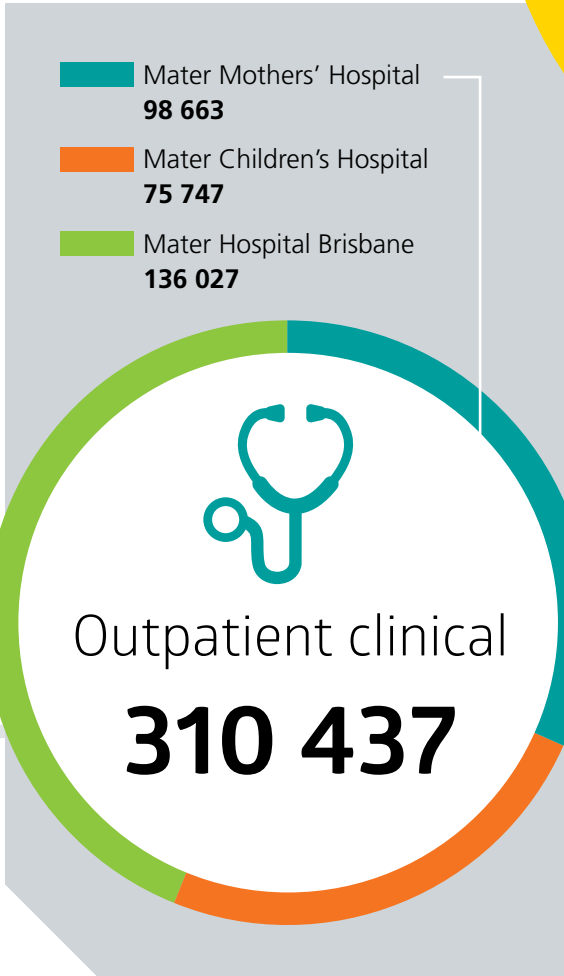
\$11 820 532.62



	Mater Hospital Brisbane Emergency	37 199
	Mater Children's Hospital Emergency	41 870
	Mater Private Emergency Care Centre	17 631



	Mater Mothers' Hospital	5 666
	Mater Mothers' Private Brisbane	4 271
	Mater Mothers' Private Redland	344



	Mater Mothers' Hospital	98 663
	Mater Children's Hospital	75 747
	Mater Hospital Brisbane	136 027

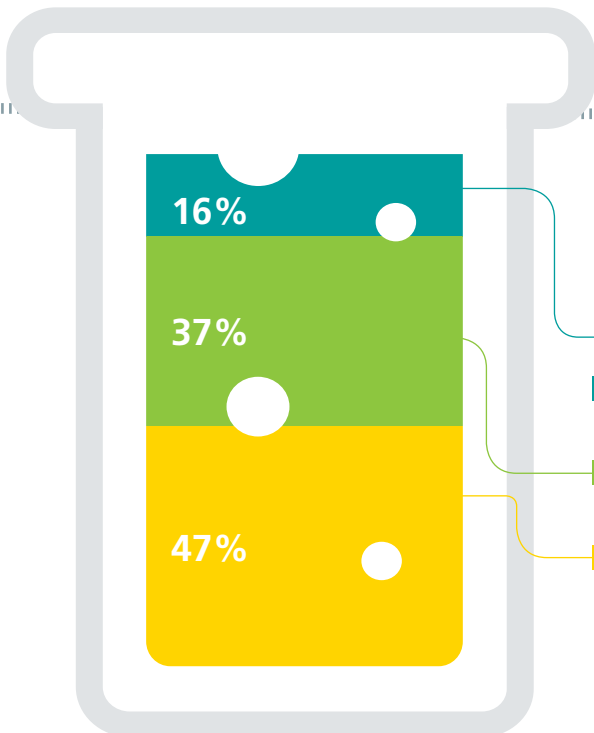
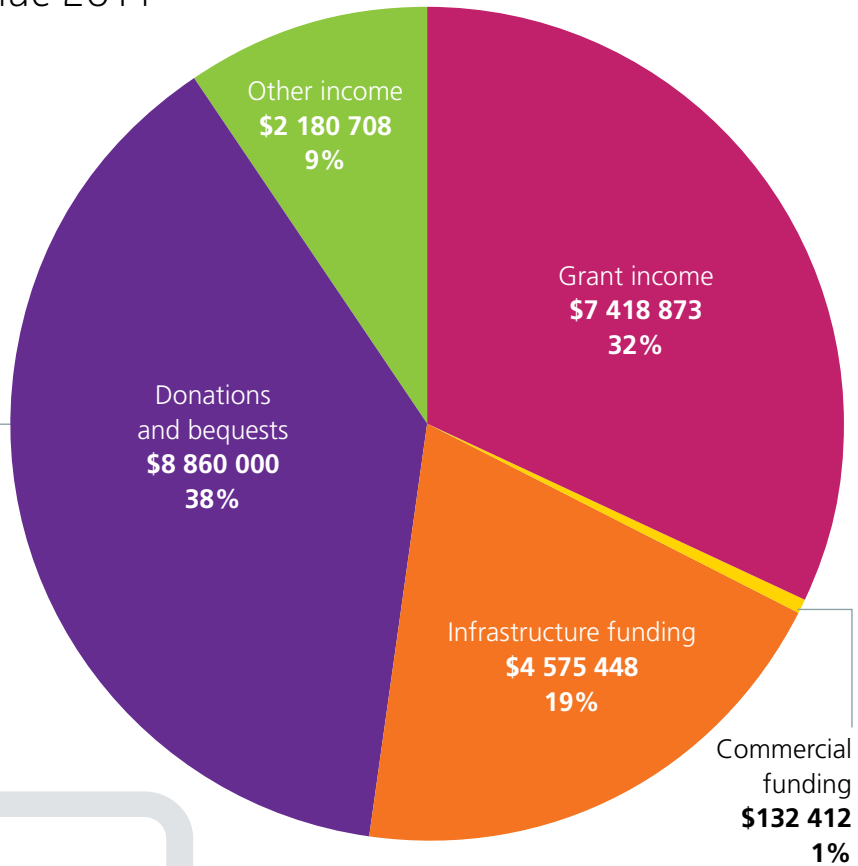
	Mater Mothers' Hospital	39 191
	Mater Children's Hospital	81 726
	Mater Hospital Brisbane	148 104



Mater's statistics

Mater Research revenue 2014

\$23 167 441



Mater Research Expenditure 2014

\$23 181 850

- Administration expenses
\$3 735 264
- Research support expenses
\$8 575 325
- Research and development expenses
\$10 871 261



Pacesetter Coated is made from elemental chlorine free bleached pulp sourced from well-managed forests and controlled sources. It is manufactured by an ISO 14001 certified mill.



Exceptional People. Exceptional Care.

www.mater.org.au

Mater Health Services
Raymond Terrace
South Brisbane, Qld, 4101
Australia

Telephone 07 3163 8111



www.facebook.com/materqld



www.linkedin.com/company/mater-health-services



www.twitter.com/maternews



www.youtube.com/materhealthservices