



MACQUARIE MEDICAL IMAGING



MACQUARIE MEDICAL IMAGING
IS NOW OPEN

The logo for Macquarie Medical Imaging is displayed on a grey wall. It features a square grid of yellow circles on the left, followed by the letters 'M', 'M', 'M', and 'I' in a large, stylized font. The first 'M' is black, and the others are gold. Below the letters, the text 'MACQUARIE MEDICAL IMAGING' is written in gold, and 'IS NOW OPEN' is written in white.

A NEW VISION FOR MEDICAL IMAGING

The Alfred Imaging Group has established Macquarie Medical Imaging as the most modern, comprehensive and world class integrated imaging practice, capable of fulfilling the vision of “A New Vision for Medical Imaging”. At Macquarie Medical Imaging we have installed the most state-of-the-art equipment in each imaging discipline. We have united the most experienced technical staff of Radiographers, Ultrasonographers Nuclear Medicine and PET technologists combined with The Alfred Imaging Group’s imaging expertise in subspecialist radiology and molecular imaging. It is a creation of an imaging practice which rivals the most prominent medical imaging centres in the world.

The scope and scale of Macquarie Medical Imaging will enable us to deliver excellence in diagnostic and interventional imaging to referrers and their patients by giving us access to the latest medical imaging technology as well as the shared knowledge of subspecialist radiologists, nuclear physicians, radiation oncologists and other medical specialists.

Macquarie Medical Imaging will be committed to making quality patient care in partnership with the referring doctors as our primary goal. We will achieve this by delivering superb image interpretation, intervention and therapeutic expertise packaged with excellent service to our patients and referring doctors.

SERVICES OFFERED

The last 25 years have seen explosive change in the field of radiology, with significant technological advancements that allow more detailed and accurate study of the interior of the human body without surgery. We have united all the latest technologies and technological skills and sub-specialty expertise from Radiology, Nuclear Medicine and PET Physicians and Cardiologists to establish Macquarie Medical Imaging at the forefront of Medical Imaging in Australia.

Macquarie Medical Imaging provides the most comprehensive diagnostic and interventional procedures available in Australia. Services offered by Macquarie Medical Imaging are designed to meet each patient's individual need and circumstance.

We are dedicated to providing our patients with the highest quality diagnostic and interventional imaging services in a safe, comfortable and caring environment. We provide a progressive and comprehensive list of services, encompassing all medical imaging modalities.

OUR AREAS OF EXPERTISE

Breast imaging
Cardiovascular radiology
Diagnostic neuroradiology
Gastrointestinal radiology
Genitourinary radiology
Head and neck radiology
Interventional neuroradiology
Musculoskeletal radiology
Nuclear cardiology
Paediatric radiology
PET and nuclear medicine
Thoracic radiology
Interventional radiology and Interventional oncology

OUR IMAGING SPECIALISTS

Macquarie Medical Imaging is a group of subspecialist Radiologist, Nuclear Medicine and PET Physicians and Cardiologists. They are considered some of the most respected in their field. This premier group of radiologists is dedicated to producing accurate and timely medical imaging reports, in order to enhance the physician's level of patient care.

Their range of expertise encompasses all relevant diagnostic and interventional subspecialties, offering patients and health management clients convenient access to the latest and best in the field of outpatient diagnostic and therapeutic radiology. Our size and depth of training and clinical expertise allows us to match each of our patients' with the appropriate imaging specialist. Every patient is treated by an expert, to receive the very best care possible.

Professor John Magnussen	Dr Michael Magee
Professor Hosen Kiat	Dr Samuel McCormack
Dr Arash Azimi-Tabrizi	Dr Senan Nagaratnam
Dr Wendy Brown	Dr Bernard Ng
Dr Luke Deady	Dr Yang-Yi Ong
Dr Ilias Drivas	Dr Geoffrey Parker
Dr Louise Emmett	Dr Jim Raleigh
Dr Alison Green	Dr Julie Schatz
Dr Leo Ha	Dr Judy Soper
Dr Matt Healy	Dr Deborah Stephens
Dr Ken Ho	Dr Wynne Sum
Dr Kevin Ho-Shon	Dr Elizabeth Thompson
Dr Rony Kapoor	Dr Mark Wilkinson and Associates
Dr Charmaine Macdonald	

STATE-OF-THE-ART EQUIPMENT

1) MRI Services – 3T MRI Magnetom Verio

3T + 70 cm + Tim

Delivering the most exciting equation in MRI

Macquarie Medical Imaging has installed the Siemens 3T MRI Machine. As a proven innovator Siemens is bringing 3T field strength, 70 cm Open Bore and Tim™ (Total imaging matrix) together in one powerful system today, MAGNETOM® Verio.

It has the versatility to provide a wide range of clinical applications today and well into the future. Patients today demand the highest quality of care, including a comfortable exam experience and the assurance that the diagnosis is the most accurate possible. When you combine 3T with a 70 cm Open Bore, you give them just that.

2) Cardiac CT - Discovery™ CT750 HD

We have installed the Discovery CT750 HD Cardiac CT machine at Macquarie Medical Imaging. The world's first high-definition CT system, puts you on the leading edge of CT and positions you at the forefront of diagnostic care. With up to a 33% increase in spatial resolution across the entire body, the CT750 HD provides unprecedented high definition detail, enabling you to see exactly what you need to see. The CT750 HD with the exclusive Gemstone™ detector, puts your clinical ability on the technological edge, and operates at up to 50% less dose to your patients.

GE designed the new Discovery™ CT750 HD with your needs in mind, enabling you to see the finest details for the first time. Powered by the Gemstone™ detector, it gives you a level of high-definition detail that makes the line between uncertainty and confidence clearer than ever.

- High definition imaging at up to 230 micron resolution
- Redesigned image chain featuring the Gemstone detector a faster scintillator enables higher resolution
- Produces 2.5 times more views per rotation, improving overall resolution
- Improved signal with reduced noise from the Volara™ HD digital DAS
- Featuring a Performix™ HD tube which enhances resolution through dynamic control
- Familiar Xtream™ interface with more power and capabilities to meet increasingly demanding clinical challenges

3) PET /CT Services - Discovery™ PET/CT 600-Series

We have installed one of the most advanced PET/CT machines at Macquarie Medical Imaging. This enables us to find innovative ways to detect disease earlier, outline effective treatment plans, and efficiently monitor treatment - all focused on treating patients with confidence.

The Discovery™ PET/CT 600-Series delivers truly powerful options to help ensure your clinical success. From the highest sensitivity in the industry, the next generation of MotionFree technology, advanced information processing and faster reconstruction with the IBM BladeCenter™ this system delivers. With powerful tools we will see clinically relevant solutions that will make a difference to your practice and most importantly your patients.

4) SPEC/CT Service - Hawkeye™ HD: Revealing the full potential of Nuclear Medicine

HawkeyeHD delivers image clarity and enhances diagnostic confidence with precise detection and localization of disease, while improving communication with patients.

The HawkeyeHD family offers a comprehensive solution to address different customers needs.

- HawkeyeHD Acuity sets a new gold standard in nuclear medicine, enabling clear interpretation for all clinicians.
- HawkeyeHD Swift maximizes the nuclear medicine department's efficiency for the major clinical applications resulting from the Evolution for Bone and Evolution for Cardiac imaging.

- HawkeyeHD Freedom serves clinical expertise with flexibility, focusing on clinically relevant performance and patient management while optimizing investment protection. This solution features Volumetrix IR, offering clinicians the choice of virtually any CT registered to the SPECT data, all within the nuclear medicine workflow.

5) Discovery XR 650 Digital General Room

This is the most advanced, fully digital general X-Ray machine produced by GE Healthcare. Discovery XR 650 is about getting the most done in the least amount of time. Thanks to impressive automated features, accelerated image processing, convenient interfaces and seamless data transfer, time is now on your side.

Discovery XR 650 provides you with:

- Auto Protocol Assist. This means protocols are automatically selected through the worklist and initiated, allowing the technologist to spend more time with the patient
- Auto Positioning (the positioner is driven on your demand into the selected protocol positioning which increases dramatically technologist productivity and ease of use)

- Auto processing and images distribution (the system provides anatomy-based customisation of images to match your clinical preferences and send them automatically to the desired locations on your network)

6) Definium AMX 700 Mobile Digital Mobile X-Ray System

The Definium AMX 700 capitalizes on decades of mobile experience, as well as continual design enhancements. Technologists told us they require robustness and easy manoeuvrability. The Definium AMX 700 allows you to focus on your patients instead of the equipment. Its compact design permits quiet and efficient manoeuvring throughout the ER and ICU.

MACQUARIE MEDICAL IMAGING LOCATION

DIRECTIONS

Macquarie Medical Imaging is situated in Macquarie University Hospital, conveniently near the Macquarie Park train station and opposite Macquarie Shopping Centre. Just a 15 minute drive from the Sydney CBD and 30 minutes from Sydney Airport, Macquarie Medical Imaging is easily accessible via the M2 Hills Motorway on ramp and proposed offramp, as well as being a 500m walk from the North Ryde Bus interchange.

Refer to parking stations on the map.

Other campus and street parking also available.



APPOINTMENTS

Same day appointments are accommodated for all studies wherever possible, and for those studies that do not require patient preparation.

BILLING

Our private fees are set to a level that ensures the highest standard of care. The Federal Government's Medical Benefits Schedule and the Australian Medical Association's List of Medical Services and fees are used to determine our fees for out-patient services. Pensioners and Health Care Card holders will be bulk billed for procedures funded by Medicare.

REPORTS

On site Radiologists are available for immediate reporting and discussion of results. We can deliver reports electronically and can allow access to images electronically at your practice. Please call us to discuss your requirements.

REFERRALS

Referral pads are available in generic or personalised format. Please contact our practice staff to order your preferred format.



MACQUARIE MEDICAL IMAGING
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Opening hours Mon-Fri 8:30am-5:30pm

- National Cancer Imaging Centre
- Macquarie Integrated Cardiac Imaging Centre
- Macquarie Interventional Radiology Centre



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