



Computed Tomography (CT)

CT images are created by rotating an x-ray tube around a patient and measuring the amount of radiation that passes through the patient. The radiation is collected on detectors which convert the information to a digital image.

Services

All routine CT examinations, plus:

- Dental CT
- CT angiography, including cardiac CT angiography
- Cardiac Calcium Scoring
- CT colonoscopy
- IV cholangiography (only if MRCP contraindicated)
- Virtual bronchoscopy
- Invasive and interventional procedures.

Scanners

Level 3, NHB - CT1 and CT2 (routine bookings): 08:00am to 5:00pm, Monday to Friday.
DEM Imaging - CT3 (urgent examinations): 24 hours 7 Days a week.

Location

CT1 and CT2: Department of Medical Imaging, Level 3 NHB
CT3: Dr Robert Patterson Emergency Imaging Dept, Ground floor, DJMB.

Enquiries/Bookings

CT appointments can be accessed via Powerchart. Waiting times for routine bookings are usually in the order of 1-2 days for inpatients and 4-6 weeks for outpatients. (All imaging appointments can be access via powerchart)

Urgent (same day) examinations must be discussed with the Emergency CT radiologist (364 61056). For semi-urgent (next few days) examinations, contact the CT Liaison Officer or Senior CT Radiographer (364 68465) to enquire about next available booking.

IV Contrast Risks

If the CT examination requires IV contrast, and the patient is over 70 years old, a diabetic or has a history of renal insufficiency, current (less than one month) Cr and eGFR must be indicated on the request form. Request not adequately filled out will be returned.

If the patient has had a previous reaction to IV contrast, this must be documented in detail on the request form.

Patient Preparation

Preparation requirements will depend upon the type of scan to be performed. Some preparations need to be commenced up to 24 hours prior to the CT examination, therefore it is important to check any CT preparation forms as soon as they are received. Failure to complete proper preparation can lead to significant delays. If you have any questions regarding the preparation of patients for a CT scan, please contact the Medical Imaging Department on 364 62606.

CT Reports

Images and reports from CT procedures are archived to the PACS system, and can be viewed throughout the hospital on PC's via the Web1000.