

NUCLEAR MEDICINE IMAGING REQUEST



Wide Bay
Nuclear Medicine

PATIENT DETAILS

Name* DOB*

Address*

Contact Number* Male Workers Comp

Medicare Number Female Third Party

GENERAL NUCLEAR MEDICINE Bone Other (specify):

MYOCARDIAL PERFUSION

Exercise Dipyridamole / Adenosine Dobutamine Date of last test:

NUCLEAR MEDICINE THERAPY

POSITRON EMISSION TOMOGRAPHY (PET/CT) (HERVEY BAY)

EXAMINATION REQUESTED

AREA TO BE EXAMINED & CLINICAL HISTORY / NOTES

REFERRER DETAILS

Name* Speciality*

Address* Provider Number*

Contact Number* Fax Number

Copy To

*Must be completed

Signature* Date*

All reports and images are available electronically. Please tick below for your additional requests. Referral Pads Required

REPORTS Urgent Results Fax Download Phone Film Copy reports to:

Disclaimer: Where deemed necessary for patient management please accept this request as a referral for consultation to investigate the patient's condition and history and form an opinion on the specific treatment required for the management of the condition or problem.



HERVEY BAY MEDICAL CENTRE

46-48 Main St. Pialba QLD 4655
 (07) 4124 3580
 (07) 4128 1870
 bookingshb@widebaynm.com.au
 Monday to Friday 8.00am - 5.00pm
 Closed weekends and public holidays
 ABN 20 665 764 894

BOURBONG MEDICAL CENTRE

290 Bourbong St. Bundaberg West, QLD 4670
 (07) 4151 6880
 (07) 4153 1323
 reception.bundaberg@widebaynm.com.au
 Monday to Friday 8.00am - 5.00pm
 Closed weekends and public holidays
 ABN 20 665 764 894

PATIENT PREPARATION

- BONE SCAN:** Remain well hydrated. Images performed 2-3 hours after injecting & take up to 1 hour.
- MYOCARDIAL PERFUSION SCAN (Thallium, Sestamibi, MPS)** Fast for 3 hours after a light breakfast, then have clear fluids sparingly. No caffeine (tea or coffee) for 24 hours. Omit betablockers on day of test. If done on a 'one day' protocol allow 3-4 hours. More detailed written information provided. Please note Medicare limits reimbursement to every 2 years for GPs and 12 months for specialists.
- BILIARY SCANS (HIDA, HIDA/CCK)** Fast for 4 hours. Gastric Emptying - fast for 8 hours.
- RENAL SCANS** Remain well hydrated. If renal artery stenosis is being assessed ACE inhibitors need to be reviewed.
- POSITRON EMISSION TOMOGRAPHY (PET)** Remain well hydrated. Keep warm. Wear loose comfortable clothing without metal eg zippers or underwire bras. Take usual medications. Remove facial and neck jewellery.
 - PMSA PET/CT** Requires no further preparation.
 - FDG PET/CT** Requires further preparation. Fast for 6 hours but drink water (no sugars) freely. Diabetics - specific information will be provided.

Most other procedures have no special preparation.

DIAGNOSTIC NUCLEAR MEDICINE

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BONE SCAN: Bone metastases, osteomyelitis, stress fractures, bone tumours, arthritis, loose prosthesis, osteonecrosis, CRPS and tumour staging.

THYROID SCAN: Thyroid nodules, goitre, all causes of hyperthyroidism, thyroiditis.

MYOCARDIAL PERFUSION: ("thallium"/"sestamibi"/"MPS") Assessment of myocardial ischaemia and viability. For patients unable to exercise dipyridamol or dobutamine (for asthmatics) are used. Rest and post stress images.

LUNG SCAN: Ventilation and perfusion-pulmonary emboli. More sensitive and far less radiation than helical CTPA. Regional quantification. Right to left shunts.

RENAL SCAN (DTPA): (+/-captopril or frusemide) Differential renal functions, renovascular hypertension, ureteric obstruction. MAG3 is substituted in children. Camera based GFR quantification.

RENAL SCAN (DMSA): Renal scarring and acute pyelonephritis (more sensitive than ultrasound). Differential function (particularly if one kidney is small or ectopic).

GALLIUM SCAN: PUO. Sarcoidosis. Chronic infections, eg osteomyelitis and infected joint prosthesis. Lymphoma staging and response to treatment.

NUCLEAR MEDICINE THERAPY

RADIOACTIVE IODINE (I-131): Treatment of hyperthyroidism.

WHITE CELL SCAN: Localisation of acute or subacute infection. Assessment of activity of inflammatory bowel disease.

COLLOID LIVER SCAN: Diffuse or chronic liver disease. Assessment of liver nodules (FNH). Labelled Red Cell Scan Haemangioma of the liver. Gastrointestinal haemorrhage.

BILIARY SCAN (HIDA): Acute cholecystitis. Biliary obstruction or dysfunction. Response to a fatty meal or CCK used to assess chronic cholecystitis or sphincter of Oddi dysfunction.

LYMPHOSCINTIGRAPHY: Sentinel node localisation in breast cancer and melanoma. Assessment of lymphoedema and lymphatic drainage.

CEREBRAL PERFUSION (CERETEC): Dementias and cognitive impairment and cerebrovascular disease.

GASTRIC EMPTYING: Quantitative assessment of solid gastric emptying using a labelled egg sandwich. There are alternatives for patients allergic to eggs. Half clearance time and % retained at 4 hours are calculated. Liquid emptying can also be assessed (separate study).

COLONIC TRANSIT: Small and large bowel clearance using sequential images over 5 days.

LACRIMAL SCAN: Functional nasolacrimal duct obstruction.

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MBBS (Hons) MRCP(UK) FRCP FRACP FAANMS MANZSNM

Appointment Date:

Appointment Time:

Your doctor has recommended you use Wide Bay Nuclear Medicine. You may choose another provider but please discuss this with your doctor first.



PLEASE BRING ANY PREVIOUS IMAGES AND REPORTS

www.widebaynm.com.au