

Nuclear Medicine Imaging

REFERRAL GUIDE

BONE

- Fractures
- Arthritis (inflammatory vs degenerative)
- Enthesopathy
- Orthopaedic prosthesis
- Malignancy
- Chronic pain
- Paget's disease

CARDIAC

MYOCARDIAL PERFUSION (MIBI)

- Investigation of chest pain
- Diagnosis of CAD
- Pharmacologic or exercise stress
- Evaluate coronary artery stenoses
- Pre-operative assessment

GATED HEART POOL

- LV systolic function

HEPATOBIILIARY

HIDA

- Acute / chronic cholecystitis
- Post cholecystectomy

LIVER/ SPLEEN

- Focal nodular hyperplasia
- Liver or splenic lesions
- Splenic function

LABELLED RED BLOOD CELL

- Haemangioma

GASTROINTESTINAL

GASTRIC EMPTYING

- Gastroparesis

OSEOPHAGEAL TRANSIT

- Oesophageal dysmotility

COLON TRANSIT

- Constipation

OTHERS

- Reflux
- Meckel's

RENAL

DTPA SCAN

- Renal perfusion and function
- Renal artery stenosis
- Obstructive uropathy

DMSA SCAN

- Cortical scarring
- Differential function

INFECTION

LABELLED WHITE CELL

- Infection: eg. Foot ulcers, vascular graft, orthopaedic prostheses
- Inflammatory bowel disease

GALLIUM SCAN

- Pyrexia of unknown origin
- Vertebral osteomyelitis

THYROID

THYROID SCAN

- Thyrotoxicosis
- Nodule
- Thyroiditis

131- IODINE THERAPY

- Treatment of hyperthyroidism

BMD/DEXA

- Osteoporosis & treatment response
- Body composition & changes with therapy
- For more info, please refer to back

LUNG (VQ)

- Pulmonary embolism
- Quantitative VQ to assess lung function prior to lung reduction surgery

LYMPHOSCINTIGRAPHY

- Suspected lymphoedema in the Upper or Lower limbs

CEREBRAL PERFUSION

- Dementia
- Functional significance of cerebral artery stenosis

PARATHYROID

- Parathyroid adenoma
- Parathyroid hyperplasia