

## Appendix 2. MedicineInsight database search strategy

Diagnostic test	Tables searched	Terms used
Full blood count	Requested test, pathology, reasons for encounter	Full blood count, FBC, FBL, FBE
Chest X-ray	Requested test, pathology, reasons for encounter	CXR, chest X-ray, X-ray Chest, X-ray – chest, lung X-ray, thorax X-ray, X-ray thorax
Thyroid function test	Requested test, pathology, reasons for encounter	Thyroid function, TSH, T3, T4, TFT
Electrocardiogram	Requested test, pathology, reasons for encounter	ECG, electrocardio*
Spirometry	Requested test, pathology, reasons for encounter, MBS billing codes, observations	Spiro*, FEV, FVC, PFT MBS item numbers 11505 and 11506
Echocardiography	Requested test, pathology, reasons for encounter	Echo*
Troponin	Requested test, pathology, reasons for encounter	Troponin
Chest CT scan	Requested test, pathology, reasons for encounter	Chest CT, CT scan chest, chest CT scan, CT chest, lung CT, CT lung, HRCT lung, HRCT chest, thorax CT, CT thorax
BNP	Requested test, pathology, reasons for encounter	BNP, natriuretic

BNP, brain natriuretic peptide; CT, computed tomography; CXR, chest X-ray; FBC, full blood count; FBE, full blood examination; FBL, full blood; FEV, forced expiratory volume; FVC, forced vital capacity; HRCT, high-resolution computed tomography; MBS, Medicare Benefits Schedule; PFT, pulmonary function test; T3, triiodothyronine; T4, thyroxine; TFT, thyroid function test; TSH, thyroid stimulating hormone.