

# PCS Clinical Audit Tool – User Guide

Version 2.12  
APPENDICES C

BEST PRACTICE DATA MAPPINGS

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## Document Control

Version	Date	Modified By	Description
2.5	20/05/2009	Christine Chidgey	The CAT User Guide Appendices B, C and D have been split out into separate documents. These Appendices cover the Clinical Desktop System data mappings.  Add Waist and BSLF
2.5.2	20/07/2009	Christine Chidgey	Add Assigned Provider Mapping
2.6	15/09/2009	Christine Chidgey	Add Alcohol Update to assigned provider
2.9	29/06/2010	Christine Chidgey	New conditions: <ul style="list-style-type: none"> <li>Peripheral Vascular Disease</li> <li>Carotid Stenosis</li> <li>Renal Artery Stenosis</li> <li>Chronic Renal Failure</li> </ul> Revise condition CHD
2.9.3	17/08/2010	Christine Chidgey	CHD - add Coronary Artery spasm, Variant angina, Prinzmetal angina and Percutaneous Transluminal angioplasty  Mental Health – add Bipolar, ADHD, Autism, Dementia
2.10	06/09/2010	Christine Chidgey	Measurements: <ul style="list-style-type: none"> <li>Physical Activity</li> <li>INR</li> </ul> Medications <ul style="list-style-type: none"> <li>Add Asthma Medications</li> <li>Review all Medication lists</li> </ul> Update Vaccines list
2.10.1	06/10/2010	Christine Chidgey	Rename Gardasil Immunisation to HPV Add Pap Smear codes collected Updates to results for Microalbumin and ACR Add Conditions - STIs Add Pathology Results information
2.11	06/01/2011	Christine Chidgey	Hypertension – some old codes removed – Hypertension Borderline, White coat, Portal, Pregnancy and Preventative care
	31/03/2011	Christine Chidgey	Fix error in Appendix 1
2.12	18/7/2011	Christine Chidgey	Add additional terms to Hyperlipidaemia Add Gestational Diabetes Add medication Dabigatran BSLF - Check Pathology results as well as manual entry ACR – Add LOINC's to pathology

## Contents

COMPANY CONTACTS.....	2
<i>Sydney (Head Office)</i> .....	2
<i>Melbourne Office</i> .....	2
DOCUMENT CONTROL .....	3
<b>CONTENTS .....</b>	<b>4</b>
<b>INTRODUCTION .....</b>	<b>5</b>
CLINICAL AUDIT TOOL (CAT) .....	5
USER GUIDE .....	5
PATHOLOGY RESULTS .....	5
<b>APPENDIX C – BEST PRACTICE DATA CATEGORY MAPPINGS.....</b>	<b>6</b>
APPENDIX C-1 – CONDITIONS DATA CATEGORY MAPPINGS (BP).....	6
APPENDIX C-1-1 - PREGNANCY .....	17
APPENDIX C-2 – MEDICATIONS DATA CATEGORY MAPPINGS (BP).....	18
<i>Medications - Heart</i> .....	18
<i>Medications Other</i> .....	22
APPENDIX C-2-1 IMMUNISATIONS .....	29
APPENDIX C-3 – GENERAL DATA CATEGORY MAPPINGS (BP) .....	30
APPENDIX C-4 – DIABETES SIP DATA CATEGORY MAPPINGS (BP) .....	35
APPENDIX C-5 – ASSIGNED PROVIDERS (BP) .....	36
APPENDIX C-6 – PATHOLOGY MAPPINGS (BP).....	37

## INTRODUCTION

### Clinical Audit Tool (CAT)

The Clinical Audit Tool (CAT) analyses clinical information from GP Clinical Desktop Systems. It translates data into real statistical and graphical information that is easy to understand and action. This allows practitioners to assess and improve the quality and completeness of patient information. The benefit to the practice is to assist with its ongoing accreditation and provide opportunities to grow practice income. The emphasis of the tool is to help practice staff to take specific action to improve patient coverage in chronic disease management and prevention.

### User Guide

The purpose of the User Guide is to provide instructions on how to install and use the functionality provided by the CAT.

The User Guide is split into 2 parts:

Part 1: Installation and Configuration including how to collect data sets

Part 2: Functionality

The Appendices for each Clinical Desktop System's Data Mappings are provided separately.

This full User Guide is available from

<http://help.pencs.com.au/cat.htm>

The Appendices contained in this document are for the Best Practice clinical system.

### Pathology Results

Pathology Results must be received in atomised HL7 format in order for the results to be picked up by the CAT extractor. 'Atomised' format means that the HL7 results contain the data in predefined coded segments. The test name and LOINC (Logical Observation Identifiers Names & Codes) code are the important bits of data the extraction tool looks for.

Best Practice maintains a list of test names and LOINC codes that automatically populate results into the patient's file. Some additional codes are searched for by the extractor. This list is provided in Appendix C-6.

## APPENDIX C – BEST PRACTICE DATA CATEGORY MAPPINGS

### APPENDIX C-1 – CONDITIONS DATA CATEGORY MAPPINGS (BP)

The data collection process collects conditions that are found on the Best Practice 'Past History' screen in both the active and inactive parts of the screen. Chronic conditions are flagged as true for a patient if the condition is marked as **either active or inactive**.

From the list below only Asthma and Depression are regarded as being recoverable. These conditions are flagged as true if they are marked as **active only**.

CAT Category	Best Practice Mapping
<b>Diabetes</b>	
<b>Type II</b>	
	Diabetes Mellitus, NIDDM Diabetes Mellitus, Type 2 NIDDM Non insulin dependent Diabetes Mellitus Type 2 Diabetes Mellitus
<b>Type I</b>	
	Diabetes mellitus, IDDM Diabetes mellitus, Type 1 IDDM Insulin dependent Diabetes mellitus Juvenile onset Diabetes mellitus Type 1 Diabetes mellitus
<b>Undefined diabetic</b>	
	Diabetes Diabetes - controlled Diabetes - Unstable Diabetes Mellitus Diabetic endarteritis Diabetic peripheral vascular disease Peripheral vascular disease, diabetic Unstable Diabetes
<b>Gestational Diabetes</b>	
	Diabetes Mellitus, Gestational Gestational Diabetes Mellitus Gestational diabetes

<b>Respiratory</b>	
<b>Asthma</b>	
[Active only conditions are collected]	Acute severe asthma Allergic asthma Allergy induced asthma Asthma Asthma review Asthma, allergy induced Asthma, exercise induced Asthma, infective exacerbation Bronchial asthma Exercise induced asthma Exertional asthma Infective exacerbation of asthma Status asthmaticus Wheezy bronchitis
<b>COPD</b>	
	Bronchitis, chronic Chronic bronchitis Chronic Obstructive Airways Disease Chronic Obstructive Pulmonary Disease COAD COAD - Infective exacerbation COPD Emphysema

Cardiovascular	
CHD	
	Acute coronary insufficiency Acute myocardial infarction AMI Angina Angina pectoris Angiogram, coronary Angioplasty Angioplasty, coronary Anterior myocardial infarct Anterolateral myocardial infarct Balloon coronary angioplasty CABG Coronary angiogram Coronary angiography Coronary Angiography - No significant obstr Coronary angioplasty Coronary angioplasty with stent Coronary artery bypass graft Coronary artery disease Coronary artery endarterectomy Coronary Artery spasm Coronary artery stent Coronary endarterectomy Coronary heart disease Coronary insufficiency Coronary occlusion Heart attack IHD Inferior myocardial infarction Ischaemic heart disease MI Myocardial infarction Myocardial infarction, anterior Myocardial infarction, anterolateral Myocardial infarction, inferior Myocardial infarction, posterior Myocardial infarction, subendocardial Myocardial infarction, superior Occlusion, Coronary artery Percutaneous Transluminal angioplasty Posterior myocardial infarct Preinfarction syndrome Prinzmetal angina PTA Stent, coronary artery Subendocardial infarct Subendocardial myocardial infarct

	Superior myocardial infarct Unstable angina Variant angina
<b>Acute Coronary Syndrome</b>	
	Acute coronary insufficiency Acute Coronary Syndrome Angina, unstable Preinfarction syndrome Unstable angina
<b>Myocardial Infarction</b>	
	Acute myocardial infarction AMI Anterior myocardial infarct Anterolateral myocardial infarct Heart attack Inferior myocardial infarction MI Myocardial infarction Myocardial infarction, anterior Myocardial infarction, anterolateral Myocardial infarction, inferior Myocardial infarction, posterior Myocardial infarction, subendocardial Myocardial infarction, superior Posterior myocardial infarct Subendocardial infarct Subendocardial myocardial infarct Superior myocardial infarct

Hypertension	
	Essential hypertension High blood pressure Hypertension Hypertension, Isolated systolic Hypertension, malignant Hypertension, pulmonary Hypertension, renovascular Idiopathic pulmonary hypertension Isolated systolic hypertension Labile Blood Pressure Labile BP Malignant hypertension Primary pulmonary hypertension Pulmonary hypertension Renal hypertension Renovascular hypertension Severe refractory hypertension

Heart Failure	
	Acute cardiac failure Acute heart failure Biventricular heart failure Cardiac failure Cardiac failure, acute CCF Congestive cardiac failure Congestive heart failure Cor pulmonale Heart failure Heart failure, acute Heart failure, high output Heart failure, left High output cardiac failure High output heart failure Hypertensive heart failure Left heart failure Left Ventricular Failure LHF LVF RHF Right heart failure Right ventricular failure RVF

<b>Stroke</b>	
	Cerebral haemorrhage Cerebral infarction Cerebrovascular Accident CVA Haemorrhage, intracerebral Haemorrhagic CVA Haemorrhagic stroke Intracerebral bleed Intracerebral haemorrhage Intracranial haemorrhage Ischaemic stroke Lacunar Stroke Migrainous stroke Stroke Stroke, haemorrhagic Stroke, ischaemic Stroke, lacunar Stroke, migrainous Stroke, thrombotic Thrombotic stroke

<b>Cardiovascular - Other:</b>	
<b>Peripheral Vascular Disease</b>	
	Peripheral vascular disease Arteriosclerosis obliterans
<b>Carotid Stenosis</b>	
	Carotid Stenosis Carotid artery occlusion
<b>Renal Artery Stenosis</b>	
	Renal artery stenosis Stenosis of renal artery

<b>Mental Health</b>	
<b>Depression</b>	
[Active only conditions are collected]	Anxiety/Depression Depression Depression, endogenous Depression, Post Natal Depression, reactive Endogenous depression Neurotic depression Organic depression Post Natal Depression Reactive depression
<b>Anxiety</b>	
	Anxiety Anxiety disorder Anxiety neurosis Anxiety/Depression Fear, irrational GAD Generalised Anxiety Disorder Irrational fear Neurotic depression Phobia Phobic anxiety disorder Phobic disorder Social Anxiety Disorder Social phobia
<b>Schizophrenia</b>	
	Borderline schizophrenia Catatonic schizophrenia Chronic schizophrenia Paranoid schizophrenia Schizophrenia Schizophrenia, borderline Schizophrenia, catatonic Schizophrenia, chronic Schizophrenia, paranoid
<b>Bipolar</b>	
	Bipolar affective disorder Manic depressive illness Manic depressive psychosis Bipolar 1 disorder Bipolar 2 disorder

<b>Mental Health - Developmental</b>	
<b>ADHD</b>	
	ADD ADHD Attention Deficit Disorder Attention Deficit/Hyperactivity Disorder Hyperactivity r
<b>Autism</b>	
	Autism Autistic disorder Asperger's Syndrome Asperger's disorder
<b>Mental Health - Degenerative</b>	
<b>Dementia</b>	
	Alzheimer's Disease Confusion Dementia Dementia with Lewy Bodies Dementia, frontotemporal Dementia, multi infarct Dementia, Pick's Dementia, semantic Dementia, substance induced Dementia, vascular Diffuse degenerative cerebral disease Disturbance of mentation Frontotemporal dementia Lewy body dementia Lobar atrophy of the brain Mental deterioration Multi infarct dementia Para schizaphrenia Pick's disease Semantic dementia Senile psychosis Senility Substance induced dementia Vascular Dementia

<b>Bone Disease</b>	
<b>Osteoporosis</b>	
	Osteopenia Osteoporosis Osteoporosis, steroid induced Steroid induced osteoporosis Steroid osteopathy
<b>Osteoarthritis</b>	
	Ankle osteoarthritis Cervical spine osteoarthritis Hip osteoarthritis Hip osteoarthrosis Knee osteoarthritis Knee osteoarthrosis Lumbar spine osteoarthritis OA Osteoarthritis Osteoarthritis in neck Osteoarthritis cervical spine Osteoarthritis in fingers Osteoarthritis in hand Osteoarthritis in lumbar spine Osteoarthritis of ankle Osteoarthritis of hip Osteoarthritis of knee Osteoarthrosis

<b>Renal</b>	
<b>Renal Impairment</b>	
	Acute renal failure Chronic renal failure Haemodialysis Hepatorenal syndrome Kidney failure, acute Kidney failure, chronic Kidney failure Renal artery stenosis Renal dialysis Renal failure Renal failure, acute Renal failure, chronic Stenosis of renal artery Uraemia Dialysis Renal impairment Chronic Kidney Disease, Chronic Kidney Disease, Stage 1-5
<b>Chronic Renal Failure</b>	
	Chronic renal failure Haemodialysis Kidney failure, chronic Kidney failure Renal dialysis Renal failure Renal failure, chronic Uraemia Dialysis Renal impairment Chronic Kidney Disease, Chronic Kidney Disease, Stage 1-5

<b>Other</b>	
<b>Hyperlipidaemia</b>	
	Dyslipidaemia Familial hypercholesterolaemia Hyperlipidaemia Hyperlipidaemia type 2 Hyperlipoproteinaemia, Type 2 High cholesterol Hypercholesterolaemia
<b>Drug Abuse</b>	
[Active only conditions are collected]	Amphetamine abuse Amphetamine addiction Benzodiazepine abuse Benzodiazepine addiction Benzodiazepine dependence Benzodiazepine withdrawal Drug abuse Drug addict Drug addiction Drug dependence Drug seeking Drug withdrawal Heroin addiction Heroin dependence Intravenous drug use IV drug use Long term opiate use Morphine addiction Morphine dependence Narcotic abuse Narcotic addiction Narcotic dependence Narcotic withdrawal Opiate abuse Opiate addiction Opiate dependence Opiate withdrawal Petrol sniffing Seeking drugs Solvent abuse Solvent dependence Substance abuse Withdrawal, narcotic Withdrawal, opiate

<b>Atrial Fibrillation</b>	
	AF Arrhythmia, atrial fibrillation Atrial fibrillation Fibrillation, atrial Rapid AF Rapid atrial fibrillation
<b>Other - STIs</b>	
<b>Chlamydia</b>	
[Active only conditions are collected]	Chlamydia Infection Chlamydia trachomatis infection Chlamydia urethritis Chlamydial PID PID, chlamydial Urethritis, chlamydial
<b>HIV</b>	
	Acquired immunodeficiency syndrome AIDS AIDS Related Complex ARC HIV HIV carrier HIV infection Human immunodeficiency virus carrier Human immunodeficiency virus infection Tuberculosis, AIDS
<b>Gonorrhoea</b>	
[Active only conditions are collected]	Gonococcal infection Gonococcal proctitis Gonorrhoea Gonorrhoea, rectal Proctitis, gonococcal Rectal gonorrhoea
<b>Syphilis</b>	
[Active only conditions are collected]	Spirochete infection Syphilis Treponema pallidum infection

### Appendix C-1-i - Pregnancy

Pregnancy is true if the patient has a current pregnancy under the Obstetrics tab.

## APPENDIX C-2 – MEDICATIONS DATA CATEGORY MAPPINGS (BP)

### Medications - Heart

CAT Category	Best Practice Mapping
ARB	Generic names:  Candesartan Cilexetil Candesartan Cilexetil, Hydrochlorothiazide Eprosartan Mesylate Eprosartan Mesylate, Hydrochlorothiazide Irbesartan Irbesartan, Hydrochlorothiazide Losartan Potassium Olmesartan medoxomil Olmesartan medoxomil, Hydrochlorothiazide Telmisartan Telmisartan, Hydrochlorothiazide Valsartan Amlodopine, Valsartan Valsartan, Hydrochlorothiazide
ACE Inhibitors	Generic names:  Captopril Enalapril Maleate Enalapril Maleate, Hydrochlorothiazide Fosinopril Sodium Fosinopril Sodium, Hydrochlorothiazide Lisinopril Perindopril Arginine Perindopril arginine, Indapamide hemihydrate Perindopril Erbumine Perindopril erbumine, Indapamide hemihydrate Quinapril Quinapril, Hydrochlorothiazide Ramipril Ramipril, Felodipine Trandolapril Trandolapril, Verapamil

Aspirin	<p>Generic names:</p> <p>Aspirin Aspirin, Glycine Dipyridamole, Aspirin</p>
Warfarin	<p>Generic names:</p> <p>Warfarin Sodium</p>
Clopidogrel	<p>Generic names:</p> <p>Clopidogrel Clopidogrel, Aspirin Clopidogrel Hydrogen Sulfate</p>
Dabigatran	<p>Generic Names:</p> <p>Dabigatran etexilate</p>
Beta Blockers - Antihypertensive	<p>Generic names:</p> <p>Atenolol Bisoprolol fumarate Carvedilol Labetalol Hydrochloride Metoprolol Succinate Metoprolol Tartrate Oxprenolol Hydrochloride Pindolol Propranolol Hydrochloride</p>
Beta Blockers – Chronic heart failure	<p>Generic names:</p> <p>Bisoprolol fumarate Carvedilol</p> <p>Product names:</p> <p>Toprol-XL Toprol-XL Titration pack</p>

<p>Beta Blockers – Myocardial Infarction</p>	<p>Generic names:</p> <ul style="list-style-type: none"> <li>Atenolol</li> <li>Betaxolol hydrochloride</li> <li>Bisoprolol fumarate</li> <li>Carvedilol</li> <li>Esmolol hydrochloride</li> <li>Labetalol Hydrochloride</li> <li>Metoprolol Succinate</li> <li>Metoprolol Tartrate</li> <li>Oxprenolol Hydrochloride</li> <li>Pindolol</li> <li>Sotalol</li> <li>Sotalol Hydrochloride</li> </ul>
<p>Calcium Antagonists</p>	<p>Generic names:</p> <ul style="list-style-type: none"> <li>Amlodipine</li> <li>Amlodipine Besylate</li> <li>Amlodipine besylate, atorvastatin</li> <li>Amlodipine Maleate</li> <li>Diltiazem Hydrochloride</li> <li>Diltiazem Hydrochloride (Controlled Delivery)</li> <li>Felodipine</li> <li>Lercanidipine Hydrochloride</li> <li>Nifedipine</li> <li>Ramipril, Felodipine</li> <li>Trandolapril, Verapamil</li> <li>Verapamil Hydrochloride</li> </ul>

<p>Diuretics</p>	<p>Generic names:</p> <p>Bendrofluazide          Bumetanide          Candesartan Cilexetil          Candesartan Cilexetil, Hydrochlorothiazide          Diazoxide          Enalapril Maleate, Hydrochlorothiazide          Eprosartan Mesylate          Eprosartan Mesylate, Hydrochlorothiazide          Ethacrynic Acid          Fosinopril Sodium, Hydrochlorothiazide          Frusemide          Hydrochlorothiazide          Hydrochlorothiazide, Amiloride          Hydrochlorothiazide, Triamterene          Hydrochlorothiazide/Amiloride          Hydrochlorothiazide/Triamterene          Indapamide Hemihydrate          Irbesartan, Hydrochlorothiazide          Olmesartan medoxomil, Hydrochlorothiazide          Perindopril arginine, Indapamide hemihydrate          Quinapril, Hydrochlorothiazide          Telmisartan, Hydrochlorothiazide</p>
<p>Lipid M/fying - Statins</p>	<p>Generic names:</p> <p>Amlodipine besylate, atorvastatin          Atorvastatin          Ezetimibe, Simvastatin          Fluvastatin          Pravastatin Sodium          Rosuvastatin          Simvastatin</p>
<p>Lipid M/fying - Other</p>	<p>Generic names:</p> <p>Cholestyramine          Colestipol Hydrochloride          Ezetimibe          Ezetimibe, Simvastatin          Fenofibrate          Gemfibrozil          Nicotinic Acid</p>

Medications Other

<b>Antidiabetics</b>	
H/glycaemics – Insulin	<p>Generic names:</p> <p>Insulin Aspart                      Insulin aspart                      Insulin aspart rys                      Insulin Aspart, Insulin Aspart Protamine Suspension                      Insulin detemir                      Insulin glargine                      Insulin glulisine                      Insulin Isophane (N.P.H.) Bovine                      Insulin Isophane (N.P.H.) Human                      Insulin lispro                      Insulin Lispro                      Insulin lispro, Insulin lispro Protamine Suspension                      Insulin Lispro, Insulin Lispro Protamine Suspension                      Insulin Neutral (Bovine)                      Insulin Neutral (Human)                      Insulin Neutral 20%, Isophane 80% Human                      Insulin Neutral 30%, Isophane 70% Human                      Insulin Neutral 30%, Isophane 70% Human                      Insulin Neutral Bovine                      Insulin Neutral, Isophane (Human)                      Insulin Neutral/Isophane (Human)                      Insulin Zinc Suspension (Human)                      Neutral Insulin (Human)</p>
H/glycaemics – Oral	<p>Generic names:</p> <p>Glibenclamide                      Gliclazide                      Glimepiride                      Glipizide                      Metformin Hydrochloride                      Metformin Hydrochloride, Glibenclamide                      Metformin Hydrochloride, Glibenclamide                      Metformin, Glibenclamide                      Metformin, Glibenclamide                      Pioglitazone Hydrochloride                      Rosiglitazone                      Rosiglitazone Maleate, Metformin Hydrochloride                      Rosiglitazone Maleate, Metformin Hydrochloride</p>

Metformin	<p>Generic names:</p> <p>Metformin Hydrochloride                  Metformin Hydrochloride, Glibenclamide                  Metformin, Glibenclamide                  Rosiglitazone Maleate, Metformin Hydrochloride                  Sitagliptin, Metformin</p>
Glitazones	<p>Generic names:</p> <p>Pioglitazone Hydrochloride                  Rosiglitazone                  Rosiglitazone Maleate, Metformin Hydrochloride</p>

**Mental Health**

Antipsychotics	<p>Generic names:</p> <p>Amisulpride                  Aripiprazole                  Chlorpromazine Hydrochloride                  Clozapine                  Droperidol                  Flupenthixol Decanoate                  Fluphenazine Decanoate                  Fluphenazine Hydrochloride                  Haloperidol                  Haloperidol Decanoate                  Levomepromazine                  Olanzapine                  Paliperidone                  Pericyazine                  Pimozide                  Quetiapine                  Quetiapine fumarate                  Risperidone                  Thioridazine                  Thioridazine Hydrochloride                  Thiothixene                  Trifluoperazine Hydrochloride                  Ziprasidone                  Zuclopenthixol Acetate                  Zuclopenthixol Decanoate                  Zuclopenthixol Dihydrochloride</p>
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<p>Antipsychotics – Typical</p>	<p>Generic names:</p> <ul style="list-style-type: none"> <li>Chlorpromazine Hydrochloride</li> <li>Droperidol</li> <li>Flupenthixol Decanoate</li> <li>Fluphenazine Decanoate</li> <li>Fluphenazine Hydrochloride</li> <li>Haloperidol</li> <li>Haloperidol Decanoate</li> <li>Levomepromazine</li> <li>Pericyazine</li> <li>Pimozide</li> <li>Thioridazine</li> <li>Thioridazine Hydrochloride</li> <li>Thiothixene</li> <li>Trifluoperazine Hydrochloride</li> <li>Zuclopenthixol Acetate</li> <li>Zuclopenthixol Decanoate</li> <li>Zuclopenthixol Dihydrochloride</li> </ul>
<p>Antipsychotics - Atypical</p>	<p>Generic names:</p> <ul style="list-style-type: none"> <li>Amisulpride</li> <li>Aripiprazole</li> <li>Clozapine</li> <li>Olanzapine</li> <li>Paliperidone</li> <li>Quetiapine</li> <li>Quetiapine fumarate</li> <li>Risperidone</li> <li>Ziprasidone</li> </ul>

<p>Antidepressants</p>	<p>Generic names</p> <p>Amitriptyline Hydrochloride  Carbamazepine  Citalopram Hydrobromide  Clomipramine Hydrochloride  Desvenlafaxine  Dothiepin Hydrochloride  Doxepin Hydrochloride  Duloxetine  Escitalopram Oxalate  Fluoxetine Hydrochloride  Fluvoxamine Maleate  Imipramine Hydrochloride  Mianserin Hydrochloride  Mirtazapine  Moclobemide  Nortriptyline Hydrochloride  Paroxetine Hydrochloride  Phenelzine Sulfate  Procarbazine Hydrochloride  Reboxetine Mesilate  Selegiline Hydrochloride  Sibutramine Hydrochloride  Tranlycypromine Sulfate  Trimipramine Maleate</p>
<p>Mood Stabiliser – Lithium</p>	<p>Generic names:</p> <p>Lithium carbonate</p>
<p>Anti-anxiety</p>	<p>Generic names:</p> <p>Alprazolam  Bromazepam  Clobazam  Clonazepam  Diazepam  Flunitrazepam  Lorazepam  Midazolam  Nitrazepam  Oxazepam  Temazepam  Triazolam</p>

Stimulants	<p>Generic names:</p> <ul style="list-style-type: none"> <li>Atomoxetine hydrochloride</li> <li>Dexamphetamine Sulfate</li> <li>Methylphenidate</li> <li>Methylphenidate Hydrochloride</li> </ul>
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Corticosteroids	
Glucocorticoids	<p>Generic names:</p> <ul style="list-style-type: none"> <li>Beclomethasone Dipropionate</li> <li>Betamethasone acetate, Betamethasone sodium phosphate</li> <li>Budesonide</li> <li>Budesonide, Eformoterol fumarate dihydrate</li> <li>Ciclesonide</li> <li>Cortisone Acetate</li> <li>Dexamethasone</li> <li>Fluticasone Propionate</li> <li>Fluticasone Propionate, Salmeterol xinafoate</li> <li>Hydrocortisone</li> <li>Hydrocortisone Acetate</li> <li>Hydrocortisone Sodium Succinate</li> <li>Hydrocortisone, Cinchocaine Hydrochloride</li> <li>Methylprednisolone Acetate</li> <li>Methylprednisolone Sodium Succinate</li> <li>Prednisolone</li> <li>Prednisolone Hexanoate, Cinchocaine</li> <li>Prednisolone Sodium Phosphate</li> <li>Prednisone</li> <li>Triamcinolone Acetonide</li> </ul>

<b>Pain Relief</b>	
Nsaids	<p>Generic names:</p> <ul style="list-style-type: none"> <li>Diclofenac Potassium</li> <li>Diclofenac Sodium</li> <li>Diclofenac Sodium, Misoprostol</li> <li>Ibuprofen</li> <li>Ibuprofen, Codeine</li> <li>Ibuprofen, Codeine Phosphate</li> <li>Ibuprofen, Pseudoephedrine Hydrochloride</li> <li>Indomethacin</li> <li>Ketoprofen</li> <li>Ketorolac Trometamol</li> <li>Mefenamic Acid</li> <li>Naproxen</li> <li>Naproxen Sodium</li> <li>Piroxicam</li> <li>Pseudoephedrine hydrochloride, Ibuprofen</li> <li>Sulindac</li> <li>Tiaprofenic Acid</li>   <li>Celecoxib</li> <li>Etoricoxib</li> <li>Lumiracoxib</li> <li>Meloxicam</li> <li>Parecoxib Sodium</li> <li>Rofecoxib</li> </ul>
Cox2	<p>Generic names:</p> <ul style="list-style-type: none"> <li>Celecoxib</li> <li>Etoricoxib</li> <li>Lumiracoxib</li> <li>Meloxicam</li> <li>Parecoxib Sodium</li> <li>Rofecoxib</li> </ul>

<b>Respiratory</b>	
Steroid – Inhaled	<p>Generic Names:</p> <p>Beclomethasone Dipropionate                      Budesonide                      Budesonide, Eformoterol fumarate dihydrate                      Ciclesonide                      Fluticasone Propionate                      Fluticasone Propionate, Salmeterol xinafoate</p>
Steroid - Oral	<p>Generic Names:</p> <p>Cortisone Acetate                      Prednisolone                      Prednisolone Acetate                      Prednisolone Hexanoate                      Prednisolone Sodium Phosphate                      Prednisone</p>
COPD	<p>Generic Names:</p> <p>Tiotropium</p>
Asthma - Relievers	<p>Generic Names:</p> <p>Salbutamol Sulfate                      Terbutaline Sulfate</p> <p>Product Names:                      Atrovent</p>
Asthma – Symptom Controllers	<p>Generic Names:</p> <p>Eformoterol Fumarate Dihydrate                      Slameterol Xinafoate</p>
Asthma - Preventers	<p>Product Names:</p> <p>Accolate                      Alvesco                      Flixotide                      Intal                      Pulmicort                      Qvar                      Singulair                      Tilade</p>

Asthma - Combination	Product Names:  Seretide Symbicort
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## Appendix C-2-1 Immunisations

Immunisations are collected if they have been entered in the Best Practice Immunisations screen.  
 The values collected for each type of immunisation are:

<b>Influenza</b>	<b>Pneumococcal</b>	<b>HPV</b>	<b>Pertussis</b>
FLUAD FLUVAX FLUARIX FLUVAX JUNIOR FLUVIRIN INFLUENZA INFLUVAC INTANZA VAXIGRIP VAXIGRIP JUNIOR	PNEUMOVAX 23 PREVENAR PNEUMOCOCCUS	HPV GARDASIL CERVARIX	ADACEL ADACEL POLIO BOOSTRIX BOOSTRIX IPV INFANRIX INFANRIX HEXA INFANRIX IPV INFANRIX PENTA INFANRIX-HEP B PEDIACEL PERTUSSIS PERTUSSIS (MONOVALENT) POLIACEL QUADRACEL TRIPACEL TRIPLE ANTIGEN
<b>Swine Flu</b>			
Panvax H1N1 Influenza Panvax Junior			

### APPENDIX C-3 – GENERAL DATA CATEGORY MAPPINGS (BP)

<b>Demographic</b>	<b>Best Practice Mapping</b>
Gender	Open > Demographics screen > Sex
Ethnicity	Open > Demographics screen > Drop down list for Aboriginal / TSI
DVA	Open > Demographics screen > DVA No. has a value
Age	Open > Demographics screen > DOB
Last Visit	Past Visits screen > Checks most recent date in the list
Postcode	Open > Demographics screen > Postcode

<b>Allergy</b>	<b>Best Practice Mapping</b>
	<b>Main Patient Screen &gt; Allergies / Adverse Drug Reactions Box</b>
Allergy Recorded	An Allergy Item is present
No Known Allergies	The 'Nil Known' check box is checked
Nothing Recorded	No Allergy Items are present and the 'Nil Known' check box is unchecked

<b>Smoking</b>	<b>Best Practice Mapping</b>
	<b>Main Patient screen &gt; Open &gt; Alcohol and Smoking History &gt; Tobacco</b>
Daily Smoker	Smoker = Smoker is selected
Irregular Smoker	This option is not captured in Best Practice
Ex Smoker	Smoker = Ex-Smoker is selected
Never Smoked	Smoker = Never smoked is selected
Nothing Recorded	Smoker has nothing selected

<b>Alcohol</b>	<b>Best Practice Mapping</b>
	<b>Main Patient screen &gt; Open &gt; Alcohol and Smoking History &gt; Alcohol</b>
	<b>Frequency = days a week patient usually drinks alcohol</b>
Drinker	Frequency = any except Never
Non Drinker	Frequency = Never
Nothing Recorded	Alcohol tab has nothing selected

Measurements /Pathology *	Best Practice Mapping
BMI	Patient Record > Main Patient Screen > Observations screen
Waist	Patient Record > Main Patient Screen > Observations screen
BSLF	Patient Record > Main Patient Screen > Observations screen OR Patient Record > Main Patient screen > Enhanced Primary Care > Diabetes Cycle of Care screen. OR Pathology HL7 results
Cholesterol	Lipids data :
HDL	Patient Record > Main Patient screen > Enhanced Primary Care >
LDL	Diabetes Cycle of Care screen.
Triglycerides	OR Pathology HL7 results
Creatinine	Patient Record > Main Patient screen > Enhanced Primary Care > Diabetes Cycle of Care screen. OR Pathology HL7 results
Urinary creatinine	Pathology HL7 results with LOINC code 14683-7
Microalbumin	Patient Record > Main Patient screen > Enhanced Primary Care > Diabetes Cycle of Care screen. OR Pathology HL7 results
ACR (Microalbumin Creatinine Ratio)	Pathology HL7 results with LOINC code 32294-1 or 30000-4 OR calculated from Microalbumin and Urinary Creatinine if results are on the same day
HbA1c	Patient Record > Main Patient screen > Enhanced Primary Care > Diabetes Cycle of Care screen. OR Pathology HL7 results
BP	Patient Record > Main Patient screen either - opening the Observations screen, or - opening the Enhanced Primary Care > Diabetes Cycle of Care screen.

Respiratory - Spirometry	Clinical > Respiratory function OR  Today's Notes > History and Examination > Respiratory > Calculator > FEV1 and FVC
INR	Clinical > INR Manager
Physical Activity	Clinical > Physical Activity Prescription The prescription must be printed for it to be saved. A selected 'current physical activity level' of moderate or active meets the physical activity guidelines, otherwise they do not meet the guidelines

\* Refer to pathology note at the start of this manual and Appendix C-6

<b>Disease</b>	<b>Best Practice Mapping</b>
Condition	Past History screen > Checks the condition selected on history items, where Conditions are selected from a coded list.  Refer to Appendix C-1 for a list of conditions mapping to each CAT condition.

<b>Medications</b>	<b>Best Practice Mapping</b>
Medication	Current Rx screen > Checks the Drugs listed as current medications, where Drugs are selected from a coded list.  Refer to Appendix C-2 for a list of medications mapping to each CAT medication.
HMR	Current Rx screen > Counts All Drugs listed as current medications

<b>Pap Smear</b>	<b>Best Practice Mapping</b>
<p>The Pap Smear data can be found in Best Practice by opening a Female Patient Record and from the Main Patient screen opening the Cervical Smears screen. If there are smear tests they will be listed by date.</p> <p>Patients with tick-box 'Not Required' checked are ignored.</p> <p>Best Practice automatically recognises HL7 items as papsmear results if they are on the list below.</p>	
<p><b>Best Practice Pap Smear HL7 Mapping TEST NAME</b></p>	<p>CCSR            CERVICAL CONVENTIONAL SMEAR            CERVICAL CYTOLOGY            CERVICAL SMEAR            CERVICAL SMR            CYTOLOGY GYNAECOLOGICAL            CYTOLOGY GYNAECOLOGICAL (PAP-0)            GYNAE CYTOLOGY            GYNAECOLOGICAL CYTOLOGY            GYNEA CYTOLOGY            NON SCREENING PAP            NON SCREENING SMEAR            PAP            PAP (BALLARAT)            PAP (GEELONG)            PAP NS            PAP SMEAR            PAP SMEAR (PAN-0)            PAP SMEAR +/- THIN PREP            PAP SMEAR OLD            PAP SMEARS            PAP TEST            PAP-0 (PAP SMEAR)            PAPFU            PAPR            PAPR NS            THIN PREP ONLY            THINP            VAG SM            VAGINAL SMR            VAULT CYTOLOGY            VAULT SMEAR</p>

Practices should check the test names appearing in the results tab and advise PCS if there is a test name that should be added to this list.

### APPENDIX C-4 – DIABETES SIP DATA CATEGORY MAPPINGS (BP)

Item	Best Practice Mapping
HbA1c	Enhanced Primary Care > Diabetes Cycle of Care OR Pathology HL7 results
Eye Exam	Enhanced Primary Care > Diabetes Cycle of Care
BMI	Observations
Waist	Observations Or Enhanced Primary Care > Diabetes Cycle of Care
BSLF	Observations Or Enhanced Primary Care > Diabetes Cycle of Care
BP	Observations Or Enhanced Primary Care > Diabetes Cycle of Care
Foot Exam	Enhanced Primary Care > Diabetes Cycle of Care
Cholesterol	Enhanced Primary Care > Diabetes Cycle of Care OR Pathology HL7 results
Triglycerides	Enhanced Primary Care > Diabetes Cycle of Care OR Pathology HL7 results
HDL	Enhanced Primary Care > Diabetes Cycle of Care OR Pathology HL7 results
Microalbumin	Enhanced Primary Care > Diabetes Cycle of Care OR Pathology HL7 results
Smoking	Open > Alcohol and Smoking History > Tobacco

## **APPENDIX C-5 – ASSIGNED PROVIDERS (BP)**

### Assigned Provider Mapping in Best Practice

Best Practice uses the 'Usual Doctor' field in the patient demographics as the patients assigned provider.

In BP release 1.6.3.490 or later a change has been made to accommodate the case where a 'Usual Doctor' is not selected. In this case patients will be assigned to the provider with whom they have had the highest number of consultations in the previous 18 months.

### APPENDIX C-6 – PATHOLOGY MAPPINGS (BP)

CAT Pathology Result Collected	Best Practice HL7 Mapping TEST NAME OR LOINC CODE
ACR	32294-1 30000-4 9318-7
BSLF	14771-0
CREATININE	CREATININE SCREATININE SECREATININE 14682-9 14683-7
CHOLESTEROL	CHOLESTEROL SCHOLESTEROL SECHOLESTEROL TOTCHOLESTEROL 14647-2
HBA1C	HBA1C GLYCOSYLATEDHB GLYCATEDHB HAEMOGLOBINA1C HBA HBA(HPLC) HBA1CFRACTION 17856-6 4548-4
HDL	HDL HDLCHOLESTEROL CHOLESTEROLHDL HDL(PROTECTIVE) 14646-4
LDL	LDL LDLCHOLESTEROL CHOLESTEROLLDL LDL(ATHEROGENIC) 22748-8
MICROALBUMIN	14957-5 1754-1 1755-8

TRIGLYCERIDES	TG TRIG TRIGLYCERIDES STRIGLYCERIDES SETRIGLYCERIDES TRIGLYCTOT 14927-8 30524-3
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