

GENERAL PRACTICE SERIES

Number 6

BEACH

Bettering the Evaluation And Care of Health

**‘It’s different in the bush’
A comparison of general practice activity in
metropolitan and rural areas of Australia
1998–2000**

Appendices 6—11

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The Australian Institute of Health and Welfare is an independent health and welfare statistics and information agency. The Institute's mission is to inform community discussion and decision making through national leadership in the development and provision of authoritative and timely information on the health and welfare of Australians. The General Practice Statistics and Classification Unit is a collaborating unit of the Australian Institute of Health and Welfare and the University of Sydney, situated within the Family Medicine Research Centre at Westmead Hospital. It fulfils the obligation of the Australian Institute of Health and Welfare to collect statistics regarding general practitioners, their patients and their patients' care.

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Appendix 6: Reasons for encounter and problems managed – code groups from ICPC–2 and ICPC–2 PLUS used in this report

Group	ICPC rubric	ICPC–2 PLUS code	ICPC/ICPC–2 PLUS label
Abdominal pain	D01		Pain/cramps, abdominal general
	D06		Pain, abdominal localised, other
Anxiety	P01		Feeling anxious/nervous/tense
	P74		Anxiety disorder/anxiety state
Back complaint	L02		Back symptom/complaint
	L03		Low back symptom/complaint
	L86		Back syndrome with radiating pain
Check–up–all	–30		Medical examination/health evaluation–complete
	–31		Medical examination/health evaluation–partial
	X37		Pap Smear
Check–up–ICPC chapter	A30, A31		General
	K30, K31		Cardiovascular
	X30, X31, X37		Female genital check + pap smear
Depression	P03		Feeling depressed
	P76		Depressive disorder
Diabetes (all)	T89		Diabetes, insulin dependent
	T90		Diabetes, non–insulin dependent
	W85		Gestational diabetes
Hypertension/High BP (RFEs)	K85		Elevated blood pressure without hypertension
	K86		Uncomplicated hypertension
	K87		Hypertension with involvement of target organs
Hypertension (for problems)		W81003	Hypertension in pregnancy
	K86		Uncomplicated hypertension
	K87		Hypertension with involvement of target organs
Immunisation		W81003	Hypertension in pregnancy
	A44		Preventive immunisation/medication–general/unspecified
	D44		Preventive immunisation/medication–hepatitis
	N44		Preventive immunisation/medication–tetanus
	R44		Preventive immunisation/medication–influenza

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Appendix 6 (continued): Reasons for encounter and problems managed code groups from ICPC 2 and ICPC 2 PLUS

Group	ICPC rubric	ICPC–2 PLUS code	ICPC/ICPC–2 PLUS label	
Osteoarthritis		L83011	Osteoarthritis spine cervical	
		L84004	Osteoarthritis spine	
		L84009	Osteoarthritis spine thoracic	
		L84010	Osteoarthritis spine lumbar	
		L84011	Osteoarthritis lumbosacral	
		L84012	Osteoarthritis sacroiliac	
		L89001	Osteoarthritis hip	
		L90001	Osteoarthritis knee	
		L91001	Osteoarthritis degenerative	
		L91003	Osteoarthritis	
		L92007	Osteoarthritis shoulder	
Prescription	–50		Medication prescription/request/renewal/injection	
Rash	S06		Localised redness/erythema/rash of skin	
	S07		Generalised/multiple redness/erythema/rash skin	
Sprain / strain		L19014	Strain; muscle(s)	
	L77		Sprain/strain of ankle	
	L78		Sprain/strain of knee	
	L79		Sprain/strain of joint NOS	
		L83023	Sprain; neck	
		L83024	Strain; neck	
		L84020	Sprain; back	
		L84021	Strain; back	
	Test results	–60		Results test/procedures
		–61		Results examinations/test/record/letter from other provider
Tonsillitis	R76		Tonsillitis–acute	
	R90		Hypertrophy tonsils/adenoids	
Urinary tract infection (UTI)	U70		Pyelonephritis/pyelitis, acute	
	U71		Cystitis/other urinary infection, non–venereal	

Appendix 7: Clinical treatments – code groups from ICPC–2 PLUS used in this report

Treatment group	ICPC–2 PLUS code	ICPC–2 PLUS label	
Advice/education	A45002	Advice/education	
	B45002	Advice/education;blood	
	D45002	Advice/education;digestive	
	F45002	Advice/education;eye	
	H45002	Advice/education;ear	
	K45002	Advice/education;cardiovascular	
	L45002	Advice/education;musculoskeletal	
	N45002	Advice/education;neurological	
	P45001	Advice/education;psychological	
	R45002	Advice/education;respiratory	
	S45002	Advice/education;skin	
	T45002	Advice/education;endocrine/metabolic	
	U45002	Advice/education;urology	
	W45004	Advice/education;reproductive	
	X45002	Advice/education;genital;Female	
	Y45002	Advice/education;genital;Male	
	Z45002	Advice/education;social	
	Advice/education–medication	A45015	Advice/education;medication
		A48003	Review;medication
A48005		Increased;medication dosage	
A48006		Decreased;medication dosage	
A48007		Change (in);medication dosage	
A48008		Stop medication	
A48009		Recommend medication (not new)	
A48010		Change (in);medication	
Advice/education–treatment	A45016	Advice/education;treatment	
	A45019	Advice;time off work	
	A45020	Advice;rest/fluids	
	A45021	Advice;naturopathic treatment	
	A48004	Review;treatment	
	S45004	Advice/education;RICE	
	T45004	Advice/education;diabetes	
Counsel/advice–exercise	A45004	Advice/education;exercise	
	A58005	Counselling;exercise	

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Appendix 7 (continued): Clinical treatments code groups from ICPC 2 PLUS

Treatment group	ICPC-2 PLUS code	ICPC-2 PLUS label
Counsel/advice–nutrition/weight	A45006	Advice/education;diet
	T45005	Advice/education;nutritional
	T45007	Advice/education;weight mgt
	T58002	Counselling;weight management
Counselling–problem	A58002	Counselling;problem
	A58003	Counselling;individual
	B58001	Counselling;problem;blood/blood forming
	D58001	Counselling;problem;digestive
	F58001	Counselling;problem;eye
	H58001	Counselling;problem;ear
	K58001	Counselling;problem;cardiovascular
	L58001	Counselling;problem;musculoskeletal
	N58001	Counselling;problem;neurological
	R58001	Counselling;problem;respiratory
	S58001	Counselling;problem;skin
	T58001	Counselling;problem;endocrine/metabolic
	U58001	Counselling;problem;urology
	W58003	Counselling;problem;reproductive
	X58001	Counselling;problem;genital;Female
	X58003	Counselling;sexual;physical;Female
	Y58001	Counselling;problem;genital;Male
	Y58003	Counselling;sexual;physical;Male
	Z58002	Counselling;problem;social
	Counselling–psychological	P58001
P58002		Psychotherapy
P58004		Counselling;psychological
P58005		Counselling;sexual;psychological
P58006		Counselling;individual;psychological
P58007		Counselling;bereavement
P58013		Counselling;anger
P58014		Counselling;self esteem
P58015		Counselling;assertiveness
P58018	Therapy;group	
Other admin/document	–62 excluding sickness certificate A62008	
Reassurance support	A58010	Reassurance/support

Appendix 8: Procedural treatments – code groups from ICPC–2 PLUS used in this report

Treatment group	ICPC–2 PLUS code	ICPC–2 PLUS label
Dressing/pressure/compression/ tamponade	–56	
Excision/removal tissue/biopsy/ destruction/debridement/ cauterisation	–52	
Incise/drainage/flushing/aspiration/removal body fluid	–51	
Other therapeutic procedures/minor surgery NEC	–59	
Pap smear	X37001	Pap smear
Repair/fixation–suture/cast/prosthetic device (apply/remove)	–54	

Appendix 9: Referrals – code groups from ICPC–2 and ICPC–2 PLUS used in this report

Referral group	ICPC–2 PLUS code	ICPC–2 PLUS label
Allied health services	–66	Referral to other provider/nurse/therapist/social worker
	–68, excluding A68009	Other referrals NEC
	Z67002	Referral; respite care
Specialist	–67, excluding A67011, A67010, P67005 and Z67002	Referral to physician/specialist/clinic/hospital

Appendix 10: Pathology test orders – code groups from ICPC–2 and ICPC–2 PLUS used in this report

Main pathology group	Pathology sub-group	ICPC–2 PLUS code	ICPC–2 PLUS label
Chemistry	Amylase	D34004	Test;amylase
	B12	B34015	Test;B12
		D34009	Test;Schillings
	C reactive protein	A34005	Test;C reactive protein
	Calcium/phosphate	A34006	Test;calcium
		A34013	Test;phosphate
	Cardiac enzymes	D34005	Test;asparate aminotransferase
		K34003	Test;cardiac enzymes
		K34004	Test;creatine kinase
	Chemistry; other	A33023	Test;alpha fetoprotein
		A33026	Test;cancer antigen 125
		A33027	Test;cancer antigen 15.3
		A33028	Test;cancer antigen 19.9
		A33029	Test;carcinoembryonic antigen
		A34015	Test;protein
		A34018	Vitamin assay
		A34019	Test;lead
		A34020	Test;blood gas analysis
		A35004	Test;urine sodium
		B34023	Test;transferrin
		D34002	Test;alanine aminotransferase
		K34001	Test;blood;digitalis
		N34001	Test;blood;phenylhydantoin
		P34003	Test;methadone
		T34021	Test;C peptide
	Digoxin	A34002	Medication assay
		K34005	Test;digoxin
		N34003	Test;phenytoin
		P34002	Test;lithium
	Medication screen	A35003	Medication screen
	EUC	A34007	Test;chloride
		A34008	Test;electrolytes
		A34010	Test;EUC
A34014		Test;potassium	
A34017		Test;sodium	

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Appendix 10 (continued): Pathology test orders code groups from ICPC 2 and ICPC 2 PLUS

Main pathology group	Pathology sub-group	ICPC-2 PLUS code	ICPC-2 PLUS label
		U34002	Test;creatinine
		U34003	Test;urea
	Ferritin	B34016	Test;ferritin
		B34019	Tests;iron studies
	Folic acid	B34017	Test;folic acid
		B34024	Test;folate (red cell)
	Glucose tolerance	T34005	Test;glucose
		T34009	Test;glucose tolerance
		T34023	Test;glucose (fasting/random)
	HbA1c	T34010	Test;HbA1c
		T34017	Test;fructusamine
		T34022	Test;HBA1
	Hormone assay	A34003	Hormone assay
		D33015	Test;Anti gliadin antibody
		T34007	Test;cortisol
		T34018	Test;androgens
		T34019	Test;insulin
		W34005	Test;HCG
		W34006	Test;B HCG level (titre/quant)
		X34002	Test;LH
		X34003	Test;progesterone
		X34004	Test;oestradiol
		X34005	Test;FSH
	Lipids	T34001	Check-up;cholesterol
		T34004	Test;lipids profile
		T34006	Test;cholesterol
		T34011	Test;cholesterol HDL
		T34013	Test;cholesterol LDL
		T34016	Test;triglycerides
		T34020	Test;chol/trig
		T34024	Test;free fatty acids
	Liver function	A34004	Test;albumin
		D34003	Test;alkaline phosphatase
		D34006	Test;bilirubin
		D34007	Test;gGT
		D34008	Test;liver function
		T34012	Test;LDH

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Appendix 10 (continued): Pathology test orders code groups from ICPC 2 and ICPC 2 PLUS

Main pathology group	Pathology sub-group	ICPC-2 PLUS code	ICPC-2 PLUS label
Cytopathology	Multibiochemical analysis	A34012	Test;mult biochemical analysis
		A34021	Test;E & LFT
	Prostate specific antigen	Y34002	Test;acid phosphatase
		Y34003	Test;prostate specific antigen
	Thyroid function	T34015	Test;thyroid function
	Urate/uric acid	U34004	Test;urate/uric acid
	Cytology; other	A37002	Test;cytology
		B37003	Test;cytology;blood
		D37002	Test;cytology;digestive
		F37002	Test;cytology;eye
		H37002	Test;cytology;ear
		K37002	Test;cytology;cardiovascular
		L37002	Test;cytology;musculoskeletal
		N37002	Test;cytology;neurological
		R37002	Test;cytology;respiratory
		R37003	Test;sputum cytology
		S37002	Test;cytology;skin
		T37002	Test;cytology;endocr/metabol
		U37002	Test;cytology;urology
		W37002	Test;cytology;reproduction
Y37002		Test;cytology;genital;Male	
Pap smear		X37001	Pap smear
		X37003	Test;cytology;genital;Female
Haematology		Blood grouping & typing	B33001
	B33002		Test;blood grouping & typing
	B33009		Test;blood group
	Blood; other	B33003	RH;antibody titer
		B34005	Test;blood;platelets
		B34007	Test;blood;sickle cell
		B34021	Test;reticulocyte count
	Coagulation	B37001	Exam;bone marrow
		B34002	Test;blood;coagulation/bleed
		B34003	Test;blood;coagulation time
B34006		Test;part thromboplastin time	
B34008		Test;bleeding/coagulation time	
B34009	Test;prothrombin time		

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Appendix 10 (continued): Pathology test orders code groups from ICPC 2 and ICPC 2 PLUS

Main pathology group	Pathology sub-group	ICPC-2 PLUS code	ICPC-2 PLUS label
		B34014	Test;APTT
		B34022	Test;thrombin time
		B34025	Test;INR
		B34026	Test;fibrinogen
		B34028	Test;bleeding time
		B34029	Test;coagulation screen
	ESR	A34009	Test;ESR
	Full blood count	A34011	Test;full blood count
	Haemoglobin	B34018	Test;haemoglobin
Microbiology	Antibody	A33003	Test;antibody
	Cervical swab	X33004	Test;cervical swab
	Chlamydia	A33006	Test;chlamydia
		A33034	Test;chlamydia direct immunofl
		X33006	Test;viral culture;genital;Female
	Ear swab and C&S	H33003	Test;ear swab and C&S
	Faeces MC&S	D33002	Stool(s);culture
		D33008	Test;faeces MC&S
		D36001	Test;faeces;cyst/ova/parasite
	Fungal ID/sensitivity	A33008	Test;fungal ID/sensitivity
		A33030	Test;skin scraping fungal MCS
	H pylori	D33009	Test;H Pylori
		D33005	Test;hepatitis A serology
		D33006	Test;hepatitis B serology
		D33007	Test;hepatitis C serology
		D33013	Test;hepatitis serology
	HIV	A33021	Test;cytomegalovirus serology
		B33006	Test;HIV
		B33008	Test;AIDS screen
	Microbiology; other	A33004	Test;microbiology
		A33007	Test;culture and sensitivity
		A33012	Yrdy;mycoplasma serology
		A33013	Test;parvovirus serology
		A33015	Test;Barmah forest virus
		A33016	Teste;Antistreptolysin O Titre
		A33017	Test;herpes simplex culture
		A33019	Test;herpes simplex serology
		A33020	Test;toxoplasmosis serology
		A33033	Test;swab MCS

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Appendix 10 (continued): Pathology test orders code groups from ICPC 2 and ICPC 2 PLUS

Main pathology group	Pathology sub-group	ICPC-2 PLUS code	ICPC-2 PLUS label
		B33004	Test;microbiology;blood
		B33010	Test;serum immunoglobulins
		D33003	Test;microbiology;digestive
		D33010	Test;hepatitis D serology
		D33011	Test;hepatitis E serology
		D33012	Test;rotavirus
		D33016	Test;hepatitis C antibody
		D33017	Test;hepatitis B surf antigen
		F33001	Test;microbiology;eye
		H33001	Test;microbiology;ear
		K33001	Test;microbiology;cardiovascular
		L33002	Test;microbiology;musculoskeletal
		N33001	Test;microbiology;neurological
		R33001	Culture;tuberculosis
		R33002	Culture;throat
		R33003	Test;microbiology;respiratory
		S33001	Test;microbiology;skin
		S33005	Test;varicella zoster serology
		S33006	Test;varicella zoster culture
		T33001	Test;microbiology;endoc/metabolic
		U33002	Test;microbiology;urology
		W33006	Test;microbiology;reproductive
		X33001	Test;microbiology;genital;Female
		X33003	Culture;gonococcal;Female
		Y33001	Test;microbiology;genital;Male
		Y33003	Culture;gonococcal;Male
		Y33004	Test;viral culture;genital;Male
		Y33005	Test;urethral/penile swab

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Appendix 10 (continued): Pathology test orders code groups from ICPC 2 and ICPC 2 PLUS

Main pathology group	Pathology sub-group	ICPC-2 PLUS code	ICPC-2 PLUS label
	Monospot	A33002	Test;monospot
		A33014	Test;Paul Bunnell
		A33031	Test;Epstein Barr virus serol
		A33032	Test;Epstein Barr virus
	Nose swab C&S	R33008	Test;nose swab C&S
	Pertussis	R33007	Test;pertussis
	Ross River fever	A33009	Test;Ross River fever
	Rubella	A33001	Test;rubella
	Skin swab C&S	S33003	Test;skin swab C&S
	Sputum C&S	R33005	Test;sputum MC&S
	Throat swab C&S	R33006	Test;throat swab C&S
	Urine MC&S	U33001	Test;culture;urine
		U33004	Test;urine MC&S
	Vaginal swab and C&S	X33005	Test;vaginal swab and C&S
	Venereal disease	A33010	Test;venereal disease
		A33022	Test;syphilis serology
Other NEC	Blood test	A34001	Test;blood
		B38001	Test;other lab;blood
		D34001	Test;blood;digestive
		F34001	Test;blood;eye
		H34001	Test;blood;ear
		K34002	Test;blood;cardiovascular
		L34003	Test;blood;musculoskeletal
		N34002	Test;blood;neurological
		P34001	Test;blood;psychological
		R34001	Test;blood;respiratory
		S34001	Test;blood;skin
		T34002	Test;blood;endocr/metabolic
		U34001	Test;blood;urology
		W34001	Test;blood;reproductive
		X34001	Test;blood;genital;Female
		Y34001	Test;blood;genital;Male
	Faeces test	A36001	Test;faeces
		D36002	Test;faeces;digestive

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Appendix 10 (continued): Pathology test orders code groups from ICPC 2 and ICPC 2 PLUS

Main pathology group	Pathology sub-group	ICPC-2 PLUS code	ICPC-2 PLUS label
	Other test NEC	A38001	Test;other lab
		A38002	Pathology
		D38001	Test;other lab;digestive
		F38001	Test;other lab;eye
		H38001	Test;other lab;ear
		K38001	Test;other lab;cardiovascular
		L38001	Test;other lab;musculoskeletal
		N38001	Test;other lab;neurological
		P38001	Test;other lab;psychological
		R38001	Test;other lab;respiratory
		S38001	Test;other lab;skin
		T38001	Test;other lab;endocr/metabol
		U38001	Test;other lab;urology
		W38001	Test;other lab;reproductive
		X38001	Test;other lab;genital;Female
		Y38001	Test;other lab;genital;Male
		Z38001	Test;other lab;social
	Urinalysis	A35002	Urinalysis
	Urine test	A35001	Test;urine
		D35001	Test;urine;digestive
		P35001	Test;urine;psychological
		T35001	Test;urine;endocrine/metabolic
		U35002	Test;urine;urology
		W35001	Test;urine;reproductive
		X35001	Test;urine;genital;Female
		Y35001	Test;urine;genital;Male
	Simple test; other	B35001	Test;urine;blood
		D36003	Test;occult blood
		R32001	Test;Mantoux
		R32002	Test;tuberculin

Appendix 11. Imaging test orders – code groups from ICPC–2 and ICPC–2 PLUS used in this report

Imaging group	ICPC–2 PLUS code	ICPC–2 PLUS label
Plain	A41002	X–ray;chest
	A41006	X–ray;abdomen
	D41006	X–ray;oesophageal
	D41008	X–ray;digestive tract
	D41009	X–ray;mouth
	F41002	X–ray;eye
	H41002	X–ray;ear
	L41003	X–ray;bone(s)
	L41004	Plain X–ray;bone(s)
	L41013	X–ray;elbow
	L41014	X–ray;hand
	L41015	X–ray;wrist
	L41016	X–ray;knee
	L41017	X–ray;hip
	L41018	X–ray;neck
	L41019	X–ray;pelvis
	L41020	X–ray;shoulder
	L41021	X–ray;lumbosacral
	L41022	X–ray;cervical
	L41023	X–ray;thoracic
	L41024	X–ray;spinal
	L41025	X–ray;joint(s)
	L41026	X–ray;foot/feet
	L41027	X–ray;ankle
	L41028	X–ray;leg
	L41029	X–ray;ribs
	L41030	X–ray;face
	L41032	X–ray;arm
	N41004	X–ray;skull
	R41002	X–ray;sinus
	U41007	X–ray;urinary tract
	W41003	X–ray;uterus
	X41001	Mammography;Female
X41002	Mammography;request;Female	
X41007	X–ray;breast;Female	

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Appendix 11 (continued): Imaging test orders code groups from ICPC 2 and ICPC 2 PLUS

Imaging group	ICPC-2 PLUS code	ICPC-2 PLUS label
Contrast/ultrasound/CT scan	A41003	Test;US/CT/contrast
	A41004	Test;US/CT/contrast;abdomen
	A41005	Test;US/CT/contrast;chest
	A41008	MRI
	D41002	Test;US/CT/contrast;gallbladder
	D41004	Test;US/CT/contrast;oesophageal
	D41010	Test;US/CT/contrast;stomach/duodenum
	D41011	Test;US/CT/contrast;colon
	K41005	Angiography;coronary
	K41007	Angiography;cerebral
	K41008	Test;US/CT/contrast;vascular
	K41009	Test;US/CT/contrast;cardiac
	K41010	Test;US/CT/contrast;heart
	L41001	Arthrogram
	L41006	Test;US/CT/contrast;pelvis
	L41007	Test;US/CT/contrast;musculosk
	L41008	Test;US/CT/contrast;neck
	L41009	Test;US/CT/contrast;spine
	L41010	Test;US/CT/contrast;joint
	L41011	Test;US/CT/contrast;face
	L41012	Test;US/CT/contrast;extremity
	L41031	Test;US/CT/contrast;shoulder
	N41002	Test;US/CT/contrast;brain
	N41003	Test;US/CT/contrast;head
	T41002	Test;US/CT/contrast;endo/metab
	U41006	Test;US/CT/contrast;urin tract
	W41001	Test;US/CT/contrast;obstetric
	X41006	Test;US/CT/contrast;breast;Female
	X41008	Test;US/CT/contrast;genital;Female
	Y41002	Test;US/CT/contrast;prostate
	Y41003	Test;US/CT/contrast;scrotum
	Y41004	Test;US/CT/contrast;genital;Male

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Appendix 11 (continued): Imaging test orders code groups from ICPC 2 and ICPC 2 PLUS

Imaging group	ICPC-2 PLUS code	ICPC-2 PLUS label
Other	A41007	Imaging other
	A41009	Nuclear medicine
	A41010	Radiology
	A41011	Isotope scan
	K41001	Echocardiography
	K41003	Cardiogram
	K42002	Electrocardiogram
	K42005	Holter monitor
	K43003	Test;Doppler
	L40006	Arthroscopy;knee
	L41002	Scan;bone(s)
	L43003	Test;bone marrow density
	N41001	Radiology;diagnostic;neurolog
	U41001	Pyelogram;intravenous