

Appendix 4: Initial results of analyses of the BEACH data by year, from 2002–03 to 2011–12 inclusive

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Table A4.1: Summary of BEACH data set and imaging ordering by GPs, 2002-03 to 2011-12

	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	↑ ^(a) ↓
BEACH data set											
Number of encounters	100,987	98,877	94,386	101,993	91,805	95,898	96,688	101,349	95,839	99,030	..
Number of problems	146,336	144,674	137,330	149,088	136,333	145,078	149,462	155,373	146,141	152,286	..
Problem management rate per 100 encounters	144.9 (143.0-146.8)	146.3 (144.4-148.2)	145.5 (143.6-147.4)	146.2 (144.2-148.2)	148.5 (146.4-150.6)	151.3 (149.2-153.4)	154.6 (152.6-156.5)	153.3 (151.1-155.5)	152.5 (150.2-154.7)	153.8 (151.4-156.1)	↑
Imaging ordering											
Imaging order rate per 1,000 encounters	85.9 (82.1-89.7)	82.1 (78.4-85.9)	83.1 (79.6-86.5)	88.3 (84.5-92.1)	89.6 (86.0-93.2)	95.3 (91.6-99.1)	97.9 (94.0-101.9)	97.5 (93.5-101.4)	97.8 (93.7-101.9)	100.8 (96.4-105.1)	↑
At least one imaging order per encounter (Per cent of all encounters)	7.5 (7.1-7.8)	7.2 (6.9-7.5)	7.3 (7.0-7.6)	7.8 (7.4-8.1)	7.9 (7.6-8.2)	8.3 (8.0-8.6)	8.5 (8.1-8.8)	8.5 (8.2-8.9)	8.4 (8.0-8.7)	8.6 (8.3-9.0)	↑
Imaging order rate per 1,000 problems managed	59.3 (56.8-61.8)	56.1 (53.6-58.7)	57.1 (54.8-59.4)	60.4 (57.8-63.0)	60.4 (58.0-62.7)	63.0 (60.6-65.4)	63.4 (60.9-65.8)	63.6 (61.1-66.0)	64.1 (61.5-66.8)	65.5 (62.7-68.3)	↑
At least one imaging order per encounter (Per cent of all problems managed)	5.3 (5.1-5.6)	5.1 (4.8-5.3)	5.2 (5.0-5.4)	5.5 (5.3-5.7)	5.5 (5.3-5.7)	5.7 (5.4-5.9)	5.7 (5.4-5.9)	5.7 (5.5-6.0)	5.7 (5.5-5.9)	5.8 (5.6-6.1)	↑

(a) The direction and type of change from 2002-03 to 2011-12 is indicated for each result: ↑↓ indicates a statistically significant change (increase or decrease) in 2011-12 compared with 2002-03; ↑↓ indicates a marginally significant change in 2011-12 compared with 2002-03.

Note: CI – confidence interval.

Table A4.2: Imaging orders by Medicare imaging groups (rate per 1,000 problems), 2002-03 to 2011-12

	Rate per 1,000 problems (95% CI)											^(a)
	2002-03 (n = 146,336)	2003-04 (n = 144,674)	2004-05 (n = 137,330)	2005-06 (n = 149,088)	2006-07 (n = 136,333)	2007-08 (n = 145,078)	2008-09 (n = 149,462)	2009-10 (n = 155,373)	2010-11 (n = 146,141)	2011-12 (n = 152,286)		
Ultrasound	18.1 (17.0-19.1)	18.2 (17.0-19.3)	18.3 (17.3-19.3)	19.8 (18.6-20.9)	21.3 (20.1-22.4)	22.2 (20.9-23.4)	23.2 (21.9-24.5)	23.8 (22.7-25.0)	25.1 (23.8-26.4)	25.8 (24.5-27.2)	↑	
Computerised tomography	5.4 (4.9-5.9)	5.6 (5.1-6.1)	7.0 (6.4-7.6)	6.9 (6.2-7.5)	7.4 (6.8-8.0)	8.0 (7.4-8.6)	8.3 (7.6-8.9)	8.2 (7.5-8.9)	7.2 (6.6-7.9)	7.6 (7.0-8.3)	↑	
Diagnostic radiology	34.7 (32.9-36.5)	31.3 (29.7-33.0)	30.9 (29.3-32.4)	32.7 (30.9-34.5)	30.8 (29.4-32.2)	31.7 (30.2-33.2)	30.7 (29.2-32.2)	29.8 (28.3-31.4)	30.3 (28.7-31.8)	29.9 (28.2-31.5)	↓	
Nuclear medicine imaging	0.9 (0.7-1.1)	0.7 (0.6-0.9)	0.7 (0.5-0.8)	0.7 (0.5-0.9)	0.6 (0.5-0.8)	0.7 (0.6-0.9)	0.8 (0.6-0.9)	0.8 (0.6-1.0)	0.6 (0.5-0.7)	0.7 (0.5-0.8)	—	
Magnetic resonance imaging	0.2 (0.1-0.3)	0.3 (0.2-0.4)	0.2 (0.1-0.3)	0.3 (0.2-0.5)	0.3 (0.2-0.4)	0.4 (0.3-0.6)	0.5 (0.3-0.6)	0.9 (0.7-1.2)	0.9 (0.7-1.1)	1.5 (1.2-1.8)	↑	
Total imaging tests	59.3 (56.8-61.8)	56.1 (53.6-58.7)	57.1 (54.8-59.4)	60.4 (57.8-63.0)	60.4 (58.0-62.7)	63.0 (60.6-65.4)	63.4 (60.9-65.8)	63.6 (61.1-66.0)	64.1 (61.5-66.8)	65.5 (62.7-68.3)	↑	

(a) The direction and type of change from 2002-03 to 2011-12 is indicated for each result: ↑↓ indicates a statistically significant change (increase or decrease) in 2011-12 compared with 2002-03; — indicates there was no significant change in 2011-12 compared with 2002-03.

Note: CI – confidence interval.

Table A4.3: The most frequent imaging tests (rate per 1,000 problems), 2002-03 to 2011-12

	Rate per 1,000 problems (95% CI)											^(e) ↕
	2002-03 (n = 146,336)	2003-04 (n = 144,674)	2004-05 (n = 137,330)	2005-06 (n = 149,088)	2006-07 (n = 136,333)	2007-08 (n = 145,078)	2008-09 (n = 149,462)	2009-10 (n = 155,373)	2010-11 (n = 146,141)	2011-12 (n = 152,286)		
X-ray chest	7.8 (7.0-8.5)	7.3 (6.6-7.9)	7.1 (6.5-7.6)	7.5 (6.8-8.3)	7.0 (6.4-7.6)	7.0 (6.4-7.5)	6.8 (6.2-7.3)	6.8 (6.1-7.6)	6.7 (6.1-7.3)	6.3 (5.7-6.9)	↘	
Ultrasound, pelvis	3.6 (3.0-4.1)	3.2 (2.8-3.7)	3.1 (2.8-3.5)	3.3 (2.9-3.8)	3.5 (3.1-4.0)	3.5 (3.0-4.1)	3.5 (3.1-4.0)	3.7 (3.3-4.2)	3.9 (3.4-4.4)	4.2 (3.8-4.7)	—	
X-ray knee	2.9 (2.6-3.3)	2.9 (2.5-3.2)	3.2 (2.8-3.5)	3.3 (2.9-3.7)	2.8 (2.5-3.2)	3.1 (2.7-3.5)	2.9 (2.6-3.3)	3.1 (2.7-3.5)	3.3 (2.9-3.6)	3.2 (2.8-3.6)	—	
Ultrasound shoulder	1.7 (1.4-2.0)	1.4 (1.1-1.6)	1.8 (1.5-2.0)	1.9 (1.6-2.2)	1.9 (1.6-2.2)	2.0 (1.8-2.3)	2.6 (2.3-2.9)	2.7 (2.3-3.0)	2.7 (2.3-3.0)	3.0 (2.7-3.4)	↗	
Ultrasound abdomen	2.0 (1.7-2.2)	2.0 (1.7-2.3)	2.2 (1.8-2.5)	2.1 (1.8-2.4)	2.4 (2.0-2.7)	1.9 (1.6-2.2)	2.3 (2.0-2.6)	2.3 (1.9-2.6)	2.8 (2.4-3.1)	2.5 (2.2-2.9)	↗	
Mammography, F	2.7 (2.4-3.1)	2.4 (1.9-2.9)	2.3 (1.9-2.6)	2.5 (2.1-2.9)	2.3 (2.0-2.7)	2.3 (2.0-2.6)	2.6 (2.2-2.9)	2.0 (1.8-2.3)	2.3 (2.0-2.6)	1.9 (1.6-2.2)	—	
X-ray hip	1.6 (1.3-1.9)	1.4 (1.2-1.7)	1.3 (1.0-1.5)	1.2 (1.0-1.4)	1.5 (1.3-1.7)	1.5 (1.3-1.8)	1.6 (1.4-1.9)	1.5 (1.3-1.7)	1.6 (1.4-1.9)	1.8 (1.5-2.0)	—	
Densitometry	1.6 (1.3-1.9)	1.0 (0.8-1.2)	1.3 (1.0-1.5)	1.3 (1.0-1.5)	1.2 (1.0-1.4)	2.1 (1.7-2.4)	2.0 (1.6-2.3)	1.6 (1.3-1.8)	1.5 (1.3-1.8)	1.7 (1.5-2.0)	—	
Ultrasound breast, F	1.8 (1.5-2.1)	1.9 (1.4-2.4)	1.5 (1.2-1.7)	1.9 (1.7-2.2)	1.9 (1.6-2.1)	1.9 (1.6-2.2)	2.3 (2.0-2.6)	2.1 (1.8-2.3)	2.2 (1.9-2.4)	1.7 (1.5-2.0)	—	
Ultrasound obstetric	1.2 (1.0-1.4)	1.4 (1.1-1.7)	1.5 (1.2-1.7)	1.6 (1.3-1.8)	2.0 (1.6-2.3)	1.6 (1.3-1.9)	1.7 (1.3-2.1)	1.8 (1.5-2.1)	1.8 (1.4-2.1)	1.7 (1.4-2.0)	↗	
X-ray shoulder	1.7 (1.4-2.0)	1.2 (1.0-1.4)	1.5 (1.3-1.7)	1.4 (1.1-1.6)	1.6 (1.4-1.9)	1.4 (1.2-1.6)	1.8 (1.5-2.0)	1.6 (1.4-1.8)	1.7 (1.5-2.0)	1.7 (1.4-1.9)	—	
X-ray foot/ feet	1.5 (1.2-1.7)	1.4 (1.1-1.6)	1.6 (1.4-1.9)	1.5 (1.2-1.7)	1.4 (1.2-1.6)	1.7 (1.5-2.0)	1.6 (1.3-1.8)	1.6 (1.4-1.9)	1.8 (1.5-2.0)	1.6 (1.4-1.9)	—	

(continued)

Table A4.3 (continued): The most frequent imaging tests (rate per 1,000 problems), 2002-03 to 2011-12

	Rate per 1,000 problems (95% CI)											^(a)
	2002-03 (n = 146,336)	2003-04 (n = 144,674)	2004-05 (n = 137,330)	2005-06 (n = 149,088)	2006-07 (n = 136,333)	2007-08 (n = 145,078)	2008-09 (n = 149,462)	2009-10 (n = 155,373)	2010-11 (n = 146,141)	2011-12 (n = 152,286)		
CT scan brain	1.0 (0.8-1.2)	1.0 (0.8-1.2)	1.3 (1.1-1.6)	1.4 (1.2-1.6)	1.4 (1.1-1.6)	1.3 (1.0-1.5)	1.3 (1.1-1.5)	1.3 (1.1-1.6)	1.0 (0.9-1.2)	1.2 (1.0-1.4)	—	
X-ray ankle	1.4 (1.1-1.6)	1.4 (1.1-1.6)	1.5 (1.3-1.8)	1.7 (1.4-2.0)	1.4 (1.1-1.6)	1.2 (1.0-1.4)	1.0 (0.8-1.2)	1.3 (1.0-1.5)	1.3 (1.0-1.5)	1.1 (0.9-1.3)	↘	
CT scan abdomen	0.6 (0.4-0.7)	0.7 (0.6-0.9)	0.8 (0.6-0.9)	0.8 (0.6-0.9)	0.9 (0.7-1.1)	1.2 (1.0-1.4)	1.1 (0.9-1.3)	1.2 (1.0-1.4)	0.9 (0.7-1.1)	1.1 (0.9-1.3)	↗	
X-ray wrist	1.0 (0.8-1.2)	1.1 (0.9-1.3)	1.1 (0.9-1.4)	1.0 (0.8-1.2)	1.0 (0.8-1.2)	1.0 (0.8-1.2)	0.8 (0.6-1.0)	0.9 (0.7-1.1)	1.2 (1.0-1.4)	1.1 (0.9-1.3)	—	
Echocardiography	0.6 (0.5-0.8)	0.7 (0.5-0.8)	0.8 (0.6-1.0)	0.8 (0.6-1.0)	0.8 (0.6-1.0)	1.0 (0.7-1.2)	0.9 (0.7-1.1)	1.1 (0.9-1.4)	0.9 (0.7-1.1)	1.0 (0.8-1.2)	↗	

(a) The direction and type of change from 2002-03 to 2011-12 is indicated for each result. ↗↘ indicates a statistically significant change (increase or decrease) in 2011-12 compared with 2002-03; ↗↘ indicates a marginally significant change in 2011-12 compared with 2002-03; — indicates there was no significant change in 2011-12 compared with 2002-03.

Note: CI – confidence interval; CT – computerised tomography.

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Eight problems selected for investigation

Table A5.1 contains a list of the ICPC-2 and ICPC-2 PLUS code groups used to define the eight problems selected for investigation in this report (Chapters 5 to 12 inclusive).

ICPC-2 and ICPC-2 PLUS code groups used to analyse other problems managed are listed in Table A5.2.

Table A5.1: Code groups from ICPC-2 and ICPC-2 PLUS – eight problems selected for investigation

Group	ICPC-2 rubric	ICPC-2 PLUS code	ICPC-2/ICPC-2 PLUS label
Abdominal pain	D01		Abdominal pain/cramps, general
	D02		Abdominal pain, epigastric
	D06		Abdominal pain, localised, other
Back problems	L02		Back symptom/complaint
	L03		Low back symptom/complaint
	L84		Back syndrome without radiating pain
	L86		Back syndrome with radiating pain
		L76012	Fracture; vertebral column
		L76019	Fracture; cervical
		L76020	Fracture; lumbar
		L76021	Fracture; lumbosacral
		L76022	Fracture; sacrum
		L76024	Fracture; coccyx
		L76026	Fracture; thoracic
		L79019	Sprain; sacroiliac
		L79026	Strain; sacroiliac
		L79030	Strain; thoracic
		L79031	Sprain; thoracic
		L79032	Strain; lumbar
		L79033	Sprain; lumbar
		L79034	Strain; lumbosacral
		L79035	Sprain; lumbosacral
		L81011	Injury; back
	L81013	Injury; disc	
Back symptom/complaint	L02		Back symptom/complaint
	L03		Low back symptom/complaint
		L86005	Pain; back; radiating; thoracic
		L86036	Pain; back; radiating; lumbosacral
		L86044	Pain; back; radiating

(continued)

Table A5.1 (continued): Code groups from ICPC-2 and ICPC-2 PLUS – eight problems selected for investigation

Group	ICPC-2 rubric	ICPC-2 PLUS code	ICPC-2/ICPC-2 PLUS label
Back syndrome	L84		Back syndrome without radiating pain
		L76019	Fracture; cervical
		L76024	Fracture; coccyx
		L76020	Fracture; lumbar
		L76021	Fracture; lumbosacral
		L76022	Fracture; sacrum
		L76026	Fracture; thoracic
		L76012	Fracture; vertebral column
		L79019	Sprain; sacroiliac
		L79026	Strain; sacroiliac
		L79030	Strain; thoracic
		L79031	Sprain; thoracic
		L79032	Strain; lumbar
		L79033	Sprain; lumbar
		L79034	Strain; lumbosacral
		L79035	Sprain; lumbosacral
		L81011	Injury; back
		L81013	Injury; disc
		L86001	Nucleus pulp hernia; lumbosacral
		L86002	Lesion; intervert disc; lumbosacral
		L86003	Neuritis; lumbosacral
		L86004	Neuritis; thoracic
		L86007	Disc prolapse; lumbosacral
		L86009	Sciatica
		L86010	Disc prolapse; thoracic
		L86011	Stenosis; spinal
		L86013	Disc syndrome; lumbosacral
		L86014	Disc syndrome; thoracic
		L86016	Postlaminectomy syndrome
		L86017	Lesion; spinal disc; thoracic
		L86018	Disc degeneration; lumbosacral
		L86021	Irritation; lumbosacral
		L86022	Irritation; nerve root; lumbosacral
		L86023	Nerve root compress; lumbosacral
		L86024	Laminitis; postlaminectomy
		L86025	Laminitis; thoracic
		L86027	Disc degeneration; thoracic

(continued)

Table A5.1 (continued): Code groups from ICPC-2 and ICPC-2 PLUS – eight problems selected for investigation

Group	ICPC-2 rubric	ICPC-2 PLUS code	ICPC-2/ICPC-2 PLUS label
Back syndrome (continued)		L86029	Lesion; intervert disc; thoracic
		L86030	Irritation; nerve root; thoracic
		L86031	Nerve root compress; thoracic
		L86032	Irritation; nerve root; back
		L86034	Nucleus pulp hernia; thoracic
		L86035	Lesion; spinal disc; lumbosacral
		L86037	Laminitis; lumbosacral
		L86038	Irritation; thoracic
		L86039	Disc prolapse
		L86040	Disc degeneration
		L86041	Disc syndrome
		L86042	Nerve root compression
		L86043	Slipped; disc
		L86045	Lesion; spinal disc
		L86046	Ruptured; disc; lumbosacral
		L86047	Ruptured; disc; thoracic
	L86048	Inflammation; disc	
Bursitis/tendonitis/synovitis NOS	L87		Bursitis/tendonitis/synovitis NOS
Knee problems	L15		Knee symptom/complaint
			Acute internal damage knee
	L96	L81031	Haemarthrosis; knee
		L99084	Injury; knee; internal; chronic
		L99088	Chondromalacia; knee
		L99089	Injury; meniscus; knee
		L99090	Derangement; knee; chronic
Knee symptom/complaint	L15		Knee symptom/complaint
Knee syndrome	L96		Acute internal damage knee
	L96	L81031	Haemarthrosis; knee
		L99084	Injury; knee; internal; chronic
		L99088	Chondromalacia; knee
		L99089	Injury; meniscus; knee
		L99090	Derangement; knee; chronic

(continued)

Table A5.1 (continued): Code groups from ICPC-2 and ICPC-2 PLUS – eight problems selected for investigation

Group	ICPC-2 rubric	ICPC-2 PLUS code	ICPC-2/ICPC-2 PLUS label
Musculoskeletal injuries(excluding shoulder, back and knee injuries)		L81001	Amputation; traumatic
		L81002	Compartment syndrome
		L81003	Arthritis; traumatic
		L81007	Injury; cartilage; acute
		L81008	Injury; ligament(s); acute
		L91009	Injury; meniscus; acute
		L81010	Injury; tendon; acute
		L81012	Tear; muscle
		L81014	Foreign body; deep; musculoskeletal
		L81015	Haemarthrosis
		L81016	Tear; tendon
		L81017	Injury; joint(s)
		L81019	Injury; toe
		L81020	Injury; finger(s)
		L81021	Injury; hand
		L81022	Injury; ankle
		L81024	Tear; ligament
		L81025	Injury; foot/feet
		L81026	Injury; wrist
		L81027	Injury; rib
		L81029	Haemarthrosis; elbow
		L81030	Haemarthrosis; ankle
		L81054	Injury; limb
		L81055	Injury; arm
		L81056	Injury; leg
		L81057	Injury; crush
		L81058	Injury; Achilles tendon
		L81059	Injury; elbow
		L81060	Injury; hip
		L81061	Injury; jaw
		L81062	Contusion; rib

(continued)

Table A5.1 (continued): Code groups from ICPC-2 and ICPC-2 PLUS – eight problems selected for investigation

Group	ICPC-2 rubric	ICPC-2 PLUS code	ICPC-2/ICPC-2 PLUS label
Osteoarthritis (excluding back)		L89001	Osteoarthritis; hip
		L89004	Arthritis; hip
		L90001	Osteoarthritis; knee
		L90004	Arthritis; knee
		L91001	Osteoarthritis; degenerative
		L91003	Osteoarthritis
		L91007	Arthritis; degenerative
		L91008	Heberdens nodes
		L91009	Arthritis
		L91013	Arthritis; hand/fingers
		L91014	Arthritis; wrist
		L91015	Osteoarthritis; wrist
		L91016	Arthritis; ankle
		L91017	Osteoarthritis; ankle
		L91018	Arthritis; foot/feet
		L92006	Arthritis; shoulder
		L92007	Osteoarthritis; shoulder
		L92011	Humeroscapular arthritis
	Shoulder problems (excluding arthritis and/or osteoarthritis)	L08	
L81018			Injury; shoulder
L81023			Injury; supraspinatus
L81028			Tear; supraspinatus
L92001			Bursitis; shoulder
L92002			Fibrositis; shoulder
L92003			Rotator cuff syndrome
L92004			Shoulder syndrome
L92005			Synovitis; shoulder
L92008			Capsulitis; adhesive
L92009			Capsulitis; shoulder
L92010			Frozen shoulder
L92012			Rheumatism; shoulder
L92013			Tendonitis; shoulder
L92014			Tenosynovitis; shoulder
L92015	Epicondylitis; shoulder		
L92016	Tendonitis; supraspinatus		
	L92017	Painful arc syndrome	

(continued)

Table A5.1 (continued): Code groups from ICPC-2 and ICPC-2 PLUS – eight problems selected for investigation

Group	ICPC-2 rubric	ICPC-2 PLUS code	ICPC-2/ICPC-2 PLUS label
Shoulder symptom/complaint	L08		Shoulder symptom/complaint
Shoulder syndrome (excluding arthritis and/or osteoarthritis)		L92001	Bursitis; shoulder
		L92002	Fibrositis; shoulder
		L92003	Rotator cuff syndrome
		L92004	Shoulder syndrome
		L92005	Synovitis; shoulder
		L92008	Capsulitis; adhesive
		L92009	Capsulitis; shoulder
		L92010	Frozen shoulder
		L92012	Rheumatism; shoulder
		L92013	Tendonitis; shoulder
		L92014	Tenosynovitis; shoulder
		L92015	Epicondylitis; shoulder
		L92016	Tendonitis; supraspinatus
		L92017	Painful arc syndrome
		L81018	Injury; shoulder
		L81028	Tear; supraspinatus
		L81023	Injury; supraspinatus
Sprain/strain (excluding back)	L77		Sprain/strain of ankle
	L78		Sprain/strain of knee
		L19014	Strain; muscle(s)
		L79003	Strain
		L79004	Sprain
		L79005	Sprain; elbow
		L79006	Strain; elbow
		L79009	Sprain; muscle(s)
		L79011	Strain; finger(s)
		L79012	Sprain; finger(s)
		L79013	Sprain; hip
		L79014	Sprain; foot/feet
		L79017	Strain; hip
		L79018	Strain; foot/feet
		L79021	Sprain; shoulder
	L79022	Strain; wrist	
	L79024	Sprain; wrist	
	L79025	Strain; shoulder	

(continued)

Table A5.1 (continued): Code groups from ICPC-2 and ICPC-2 PLUS – eight problems selected for investigation

Group	ICPC-2 rubric	ICPC-2 PLUS code	ICPC-2/ICPC-2 PLUS label
Sprain/strain (excluding back) (continued)		L79027	Injury; musculoskeletal sprain
		L79028	Injury; musculoskeletal strain
		L79036	Shin splints
		L79038	Strain; ligament
		L79039	Sprain; ligament
		L79040	Strain; groin
		L79041	Injury; rotator cuff
		L79042	Injury; neck; whiplash

Notes:

1. NOS – not otherwise specified.

Other problems managed

Table A5.2 contains a list of the ICPC-2 and ICPC-2 PLUS code groups used in the analysis of other problems reported in this document.

Table A5.2: Code groups from ICPC-2 and ICPC-2 PLUS – other problems managed

Group	ICPC-2 rubric	ICPC-2 PLUS code	ICPC-2/ICPC-2 PLUS label	
Pregnancy & related check-ups		W30	Check up, complete, pregnancy	
		W31	Check up, partial, pregnancy	
		W01	Question of pregnancy	
		W78	Pregnancy	
		W79	Unwanted pregnancy	
Fractures (excluding head and back)	L72		Fracture: radius/ulna	
	L73		Fracture: tibia/fibula	
	L74		Fracture:hand/foot bone	
	L75		Fracture: femur	
Breast lump	X19		Breast lump/mass female	
		Y16001	Mass; breast; M	
		Y16009	Lump(s); breast; M	
Menstrual problems	X02		Pain, menstrual	
	X03		Pain, intermenstrual	
	X05		Menstruation, absent/scanty	
	X06		Menstruation, excessive	
	X07		Menstruation, irregular/frequent	
	X08		Intermenstrual bleeding	
	X09		Premenstrual symptom/complaint	
	X10		Postponement of menstruation	
	Female genital check-up/ Pap smear	X30		Check up, complete, female genital
		X31		Check up, partial, female genital
X37			Histological/exfoliative cytology; female genital	
Osteoporosis (excluding osteoporotic fracture)		L95001	Osteoporosis	
		L95002	Osteopenia	
Urinary tract infection	U70		Pyelonephritis/pyelitis	
	U71		Cystitis/urinary infection other	
Swelling	S04		Lump/swelling, localised	
	S05		Lump/swelling, generalised	

(continued)

Table A5.2: Code groups from ICPC-2 and ICPC-2 PLUS – other problems managed

Group	ICPC-2 rubric	ICPC-2 PLUS code	ICPC-2/ICPC-2 PLUS label
Abnormal test results	A91		Abnormal result investigations NOS
	B84		Unexplained abnormal white cells
	U98		Abnormal urine test NOS
	X86		Abnormal cervix smear
Headache	N01		Headache
	N89		Migraine
	N90		Cluster headache
	N95		Tension headache

Notes:

1. NOS – not otherwise specified.

Imaging test orders

Code groups used in the analysis of imaging test orders are listed below in Table A5.3.

Table A5.3: Code groups from ICPC-2 and ICPC-2 PLUS - imaging test orders (MBS groups)

Group	ICPC-2 PLUS code	ICPC-2 PLUS label
Diagnostic radiology	A41001	Radiology; diagnostic
	A41002	X-ray; chest
	A41006	X-ray; abdomen
	A41007	Imaging other
	A41010	Radiology
	A41014	Test; imaging; contrast/special
	B41001	Radiology; diagnostic; blood
	D41001	GI series
	D41003	Radiology; diagnostic; digestive
	D41006	X-ray; oesophagus
	D41007	X-ray; biliary ducts
	D41008	X-ray; digestive tract
	D41009	X-ray; mouth
	D41012	X-ray; dental
	D41015	Barium enema
	D41016	Barium meal
	D41017	Barium swallow
	D41019	X-ray; salivary gland
	D41020	X-ray; gallbladder
	D41033	ERCP
	F41001	Radiology; diagnostic; eye
	F41002	X-ray; eye
	H41001	Radiology; diagnostic; ear
	H41002	X-ray; ear
	K41002	Radiology; diagnostic; cardiovascular
	K41003	Cardiogram
	K41005	Angiography; coronary
	K41006	Angiography; femoral
	K41007	Angiography; cerebral
	K41011	Angiogram
	K41012	Angiogram; coronary
	K41013	Angiogram; cerebral
	K41014	Angiogram; femoral
	L41001	Arthrogram
	L41003	X-ray; bone(s)

(continued)

Table A5.3 (continued): Code groups from ICPC-2 and ICPC-2 PLUS - imaging test orders (MBS groups)

Group	ICPC-2 PLUS code	ICPC-2 PLUS label
Diagnostic radiology (continued)	L41004	Plain x-ray; bone(s)
	L41005	Radiology; diagnostic; musculoskeletal
	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; spine; lumbosacral
	L41022	X-ray; spine; cervical
	L41023	X-ray; spine; thoracic
	L41024	X-ray; spine
	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; facial bone(s)
	L41032	X-ray; arm
	L41033	X-ray; spine; lumbar
	L41034	X-ray; spine; sacrum
	L41035	X-ray; spine; coccyx
	L41036	X-ray; finger(s)/thumb
	L41037	X-ray; toe(s)
	L41038	X-ray; heel
	L41039	X-ray; tibia/fibula
	L41040	X-ray; femur
	L41041	X-ray; radius/ulna
	L41042	X-ray; clavicle
	L41043	X-ray; humerus
	L41044	X-ray; jaw
	L41045	X-ray; temporomandibular joint
	L41060	X-ray; spine; cervicothoracic
	L41061	X-ray; spine; sacrococcygeal
	L41062	X-ray; spine; thoracolumbar
	L41063	X-ray; back

(continued)

Table A5.3 (continued): Code groups from ICPC-2 and ICPC-2 PLUS – imaging test orders (MBS groups)

Group	ICPC-2 PLUS code	ICPC-2 PLUS label
Diagnostic radiology (continued)	L41064	X-ray; back lower
	L41065	X-ray; forearm
	L41066	X-ray; leg lower
	L41067	X-ray; metacarpal
	L41068	X-ray; metatarsal
	L41123	X-ray; sternum
	L41124	Test; densitometry
	N41001	Radiology; diagnostic neurological
	N41004	X-ray; skull
	P41001	Radiology; diagnostic; psychological
	R41001	Radiology; diagnostic; respiratory
	R41002	X-ray; sinus
	R41003	X-ray; nose
	S41001	Radiology; diagnostic; skin
	T41001	Radiology; diagnostic; endocrine/metabolic
	T41003	X-ray; endocrine/metabolic
	U41001	Pyelogram; intravenous
	U41002	Pyelogram; retrograde
	U41005	Radiology; diagnostic; urology
	U41007	X-ray; urinary tract
	U41008	X-ray; kidney/ureter/bladder
	U41011	Intravenous urogram
	U41013	Cystogram
	W41002	Radiology; diagnostic; reproductive
	W41003	X-ray; uterus
	X41001	Mammography; female
	X41002	Mammography; request; female
	X41003	Thermography; breast
	X41005	Radiology; diagnostic; genital; female
	X41007	X-ray; breast; female
	Y41001	Radiology; diagnostic; genital; male
	Y41009	Mammography; male
	Y41010	Mammography; request; male
Y41011	X-ray; breast; male	

(continued)

Table A5.3 (continued): Code groups from ICPC-2 and ICPC-2 PLUS - imaging test orders (MBS groups)

Group	ICPC-2 PLUS code	ICPC-2 PLUS label
Ultrasound	A41012	Ultrasound; NOS
	A41015	Ultrasound; abdomen
	A41017	Ultrasound; chest
	A41021	Ultrasound; inguinal
	A41022	Ultrasound; abdomen; upper
	A41023	Ultrasound; abdomen; lower
	A41024	Ultrasound; pelvis
	B41002	Ultrasound; spleen
	B41003	Ultrasound; lymph node
	D41013	Ultrasound; gallbladder
	D41014	Ultrasound; liver
	D41021	Ultrasound; salivary
	K41016	Ultrasound; cardiac
	K43005	Scan; duplex
	L41046	Ultrasound; neck
	L41047	Ultrasound; pelvis
	L41048	Ultrasound; shoulder
	L41049	Ultrasound; spine
	L41050	Ultrasound; knee
	L41051	Ultrasound; elbow
	L41070	Ultrasound; wrist
	L41071	Ultrasound; ankle
	L41072	Ultrasound; groin
	L41073	Ultrasound; back
	L41074	Ultrasound; back lower
	L41075	Ultrasound; hand/finger(s)
	L41076	Ultrasound; foot/toe(s)
	L41078	Ultrasound; arm
	L41079	Ultrasound; leg
	L41081	Ultrasound; hip
	L41099	Ultrasound; axilla
	N41005	Ultrasound; brain
	N41007	Ultrasound; head
	T41004	Ultrasound; thyroid
	U41009	Ultrasound; renal tract
	U41010	Ultrasound; kidney
	U41012	Ultrasound; kidney/ureter/bladder
	W41004	Ultrasound; obstetric

(continued)

Table A5.3 (continued): Code groups from ICPC-2 and ICPC-2 PLUS – imaging test orders (MBS groups)

Group	ICPC-2 PLUS code	ICPC-2 PLUS label
Ultrasound (continued)	W41005	Ultrasound; nuchal translucency
	X41009	Ultrasound; breast; female
	X41011	Ultrasound; uterus (not pregnant)
	Y41005	Ultrasound; prostate
	Y41006	Ultrasound; scrotum
	Y41008	Ultrasound; breast; male
Computerised tomography	A41013	CT scan
	A41016	CT scan; abdomen
	A41018	CT scan; chest
	A41019	CT scan; abdomen; upper
	A41020	CT scan; abdomen; lower
	D41018	CT scan; liver
	D41022	CT scan; oesophagus
	D41023	CT scan; biliary ducts
	D41024	CT scan; digestive tract
	D41025	CT scan; salivary gland
	D41026	CT scan; gallbladder
	K41017	CT scan; cardiac
	L41052	CT scan; neck
	L41053	CT scan; pelvis
	L41054	CT scan; spine
	L41055	CT scan; spine; cervical
	L41056	CT scan; spine; thoracic
	L41057	CT scan; spine; lumbar
	L41058	CT scan; spine; lumbosacral
	L41059	CT scan; spine; sacrum
	L41069	CT scan; spine; thoracolumbar
	L41077	CT scan; spine; cervicothoracic
	L41080	CT scan; leg
	L41087	CT scan; elbow
	L41088	CT scan; hand
	L41089	CT scan; wrist
	L41090	CT scan; knee
	L41091	CT scan; hip
	L41092	CT scan; shoulder
	L41093	CT scan; joint
	L41094	CT scan; foot/feet
	L41095	CT scan; ankle

(continued)

Table A5.3 (continued): Code groups from ICPC-2 and ICPC-2 PLUS – imaging test orders (MBS groups)

Group	ICPC-2 PLUS code	ICPC-2 PLUS label	
Computerised tomography (continued)	L41096	CT scan; arm	
	L41097	CT scan; jaw	
	L41098	CT scan; back	
	N41006	CT scan; brain	
	N41008	CT scan; head	
	R41004	CT scan; sinus	
	R41006	CT scan; lung	
	U41014	CT scan; kidney	
	U41015	CT scan; renal tract	
	U41016	CT scan; kidney/ureter/bladder	
	W41006	CT scan; uterus	
	X41010	CT scan; breast; female	
	Y41007	CT scan; breast; male	
	Nuclear medicine	A41009	Nuclear medicine
		A41011	Isotope scan
K41015		Scan; thallium heart	
L41002		Scan; bone(s)	
R41005		Scan; VQ (lung)	
Magnetic resonance imaging	A41008	MRI	
	A41025	MRI; chest	
	A41026	MRI; abdomen	
	A41027	MRI; abdomen; lower	
	A41028	MRI; abdomen; upper	
	D41027	MRI; salivary gland	
	D41028	MRI; digestive tract	
	D41029	MRI; biliary ducts	
	D41030	MRI; oesophagus	
	D41031	MRI; gallbladder	
	D41032	MRI; liver	
	K41018	MRI; cardiac	
	L41100	MRI; spine; thoracolumbar	
	L41101	MRI; pelvis	
	L41102	MRI; leg	
	L41103	MRI; spine; sacrum	
	L41104	MRI; spine; lumbosacral	
	L41105	MRI; lumbar	
	L41106	MRI; thoracic	
	L41107	MRI; spine	

(continued)

Table A5.3 (continued): Code groups from ICPC-2 and ICPC-2 PLUS – imaging test orders (MBS groups)

Group	ICPC-2 PLUS code	ICPC-2 PLUS label	
Magnetic resonance imaging (continued)	L41108	MRI; neck	
	L41109	MRI; spine; cervical	
	L41110	MRI; hip	
	L41111	MRI; back	
	L41112	MRI; jaw	
	L41113	MRI; arm	
	L41114	MRI; ankle	
	L41115	MRI; foot/feet	
	L41116	MRI; spine; cervicothoracic	
	L41117	MRI; shoulder	
	L41118	MRI; knee	
	L41119	MRI; wrist	
	L41120	MRI; hand	
	L41121	MRI; elbow	
	L41122	MRI; joint	
	N41009	MRI; head	
	N41010	MRI; brain	
	R41007	MRI; lung	
	R41008	MRI; sinus	
	U41017	MRI; kidney/ureter/bladder	
	U41018	MRI; renal tract	
	U41019	MRI; kidney	
	W41007	MRI; uterus	
	X41012	MRI; breast; female	
	Y41012	MRI; breast; male	
	Other tests	K41001	Echocardiography
		K41019	Echocardiography; stress
K43003		Test; Doppler	
K43004		Test; Doppler carotid	

Notes

1. CT – computerised tomography; ERCP – endoscopic retrograde cholangiopancreatography; GI – gastrointestinal; MBS – Medicare Benefits Schedule; MRI – magnetic resonance imaging; NOS – not otherwise specified; VQ – ventilation perfusion.
2. ‘–code’ – signifies that the concept includes all of the specified code across all chapters of ICPC-2 (excluding the Z social chapter). Codes listed in this appendix are only those currently active within ICPC-2 PLUS.