























6







ier by patient – 47m of these
date finished, admission method, current status et
ent diagnoses
ent operations, with date of operation
Lower Super Output Area, IMD Rank, Mosaic Type, Health ACORN type
्या । जन्म
1

































16















Extra codes of	compared to Exploring the Critical F	Path
OPCS Codes	Type of surgery	FCE's 2011/12 ages 15 - 59
L16	Interposition tube graft	59
L18	(mostly) Composite aortic valve replacement EMERGENCY REPLACEMENT	77
L19	(mostly) Composite aortic valve replacement NON-EMERGENCY REPLACEMENT	253
L20	(mostly) Composite aortic valve replacement EMERGENCY BYPASS	22
L21	(mostly) Composite aortic valve replacement NON-EMERGENCY BYPASS	113
L23	PLASTIC REPAIR	16

rived Incidence Rates (2009)								
		Male			Female			
	Age	% of ACL04 (NS)	% of ACL04 (SM)	% of CIBT02 (Core)	% of ACL04 (NS)	% of ACL04 (SM)	% of CIBT02 (Core)	
First Ever	20-39	1.2%	0.9%	0.9%	0.4%	0.3%	0.2%	
	40-59	1.1%	0.6%	0.6%	0.3%	0.2%	0.1%	
	60-79	2.2%	1.2%	1.2%	0.6%	0.4%	0.3%	
First Ever Cl	20-39	0.9%	0.7%	0.7%	0.2%	0.2%	0.1%	
	40-59	0.8%	0.4%	0.4%	0.2%	0.1%	0.1%	
	60-79	0.9%	0.5%	0.5%	0.3%	0.2%	0.2%	
	20-39	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
First Ever	40-59	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	
(Trauma Only)	60-79	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	



























rived Incidence Rates (2009)								
		Male			Female			
	Age	% of ACL04 (NS)	% of ACL04 (SM)	% of CIBT02 (Core)	% of ACL04 (NS)	% of ACL04 (SM)	% of CIBT02 (Core)	
	20-39	8.6%	6.7%	7.1%	10.5%	9.4%	6.6%	
First Ever	40-59	4.9%	2.6%	2.5%	5.7%	3.8%	2.8%	
	60-79	1.7%	1.0%	1.0%	2.9%	1.8%	1.6%	
First Ever Cl	20-39	7.3%	5.7%	6.1%	9.0%	8.1%	5.7%	
	40-59	4.0%	2.2%	2.0%	4.6%	3.1%	2.3%	
	60-79	1.2%	0.7%	0.7%	2.0%	1.2%	1.1%	
First Ever	20-39	3.0%	2.3%	2.5%	3.8%	3.4%	2.4%	
(Craniotomy	40-59	1.9%	1.0%	1.0%	2.9%	1.9%	1.4%	
Only)	60-79	0.7%	0.4%	0.4%	1.3%	0.8%	0.7%	

ſ



















































liness	Diagnosis or procedure priority?	Subtype	ICD-10 codes	OFC3 codes	Notes
Cancer	Diagnosis	Breast	C50		
	Diagnosis	Lung	C34		
	Diagnosis	Melanoma	C43		
					D codes are for Polycythaemia
			All C ICD-10 codes excl C44 and		Rubra Vera and Essential
	Diagnosis	Other	including D45, D46, D47		Thrombocythaemia
-leart attack	Diagnosis		121		
Stroke	Diagnosis		160, 161, 162, 163, 164		
CABG	Procedure			K40, K41, K42, K43, K44, K45	
					Must require one of the OPCS
					codes and dialysis should be
Kidney failure	Procedure		N17, N18, N19	M01, X40	regular
				E53, J01, J54, K01, K02, M01,	l °
Maior organ transplant	Procedure			W34, W99	Won't pick up waiting list cases
, , , , , , , , , , , , , , , , , , , ,					Typical definition requires repair
				Multi-vessel: K49.2, Single	of two or more coronary arteries
				vessel: K49.1, Unknown no. of	BCIS audit data demonstrates
Angioplasty	Procedure			vessels; other K49 codes, K75	20% of cases are multi-vessel.
Aorta graft surgery	Procedure		171	116 118 119 20 21 23	
torta gran bargery	riocoddio			210,210,210,210,220,221,220	
			D32 0 D32 9 D33 0 D33 1 D33 2	A01 A02 A29 5 A38 1 A38 2	Use ICD-10 code as primary filt
			D33 3 D35 4 D42 0 D42 9 D43 0	A38 3 A38 / A38 5 A38 6	and for ABI+ consider how man
			D43 1 D43 2 D43 3 D44 5 G93 0	A38.8 A38.9 A43.1 A43.2	of these diagnoses are associat
Benian brain tumour	Diagnosis		G95.0 085.0	A43.8 A43.9	with the OPCS codes
senign brain tamour	Diagnosis		000.0, 000.0	745.0,745.5	Martine of oo codes.
					Lies ICD-10 code as primary filty
			B15.0 B16.0 B16.2 B19.0 E03.5		and for ABI+ consider how man
			E10.0 E11.0 E12.0 E13.0 E14.0		of these diagnoses are not
Comp	Diagnosis and procedure tegether		E15 D40 2 S06 7	E95	according to the OPCS code
Joina	Diagnosis and procedure together		L 15, R40.2, 500.7	K25 K26 K27 K29 K29 K21	associated with the OF CS code
loart value replacement or repair	Breadure			K20, K20, K21, K20, K25, K01,	
teart valve replacement of repair	Flocedule		ABI- T05 ABI+- \$48 \$58 \$58 \$78	V07 V08 1 V09 V10 1 V10 8	
and of limb(a)	Brooduro		ADI. 103 ADI+, 340, 330, 300, 370,	V10.0	
Joss of limb(s)	Flocedule		ADI: C01 C02: ADI:: C02.1 C02.2	×10.5	
Developing of limits (a)	Diamania		ADI: 001, 002, ADI*: 003.1, 003.2,		
raraiysis or limb(s)	Diagnosis	_	G03.3, G03.4, G03.0, G03.9		Did not include hume/correctors
			120.3, 120.7, 121.3, 121.7, 122.3,		Dia not include burns/corrosions
			122.7,124.3,124.7,129.3,129.7,		of unspecified degree (except to
			[131.2, 131.3, 131.4, 131.5, 131.6, T24.7, T24.0, T24.0, T22.2, T22.2		pum covering 20%+ of body
			131.7, 131.8, 131.9, 132.2, 132.3,		surface). Did not include burns
			132.4, 132.5, 132.6, 132.7, 132.8,		extremities (surface area too
hird degree burns	Diagnosis	_	132.9	105 0 105 0 105 1 115	small)
				AU5.2, AU5.3, AU5.4, A40.1,	Codes indicate head injury
	L			A40.8, A40.9, A41.1, V03.1,	however, PND would have to be
			11 M M 1 M M 1	11/11F 2 1/0E 4	Lootupotod

Illness	Diagnosis or procedure priority?	Subtype	ICD-10 codes	OPCS codes	Notes
Primary pulmonary hypertension	Diagnosis		127.0		
				CI-qualifying: K14, K48, K52,	
				K54, K55,	
				Congenital: K04, K05, K06, K07,	
				K08, K09, K10, K11, K12, K17,	Consider overlap with other CI
				K18, K19, K20, K22, K23, K24,	surgeries. Probably exclude
				L01, L02, L04, L05, L06, L07, L08,	congenital cases as largely
Open heart surgery	Procedure			L09, L10, L12	underwritten out in adults.
De sta siel en anim sitie	Diamania		C00 C02 C04 2		consider length of hospitalisation
Dacterial meningitis	Diagnosis	_	600, 603, 604.2		for severity
CJD	Diagnosis	-	A01.0, F02.1		consider length of hospitalisation
Encenhalitis	Diagnosis		A83 A84 A85 A86 G04 G05		for severity
Progressive supranuclear palsy	Diagnosis	-	G23.1		ion contently
Aplastic anaemia	Diagnosis		D60, D61		
Liver failure	Diagnosis		K72		
					Both ICD-10 and OPCS code
Mastectomy for DCIS	Diagnosis and procedure together		D05	B27	must be present.
					Assumption has to be made
					relating to severity to meet criter
					which will be difficult to extract
Rheumatoid arthritis	Diagnosis	_	M05.3, M05.8, M05.9, M06, M08		from the HES data
Systemic lupus erythematosus	Diagnosis	_			
Dindness	Diagnosis		125 5 142.0 142.1 142.2 142.2 142.4		
Cardiomyonathy	Diagnosis		125.5, 142.0, 142.1, 142.2, 142.5, 142.4,		
Desfness	Diagnosis	-	H90 H91		
D outilious	Biogroots				Unlikely to be useful: Does not
					split type I and type II and we ma
					not be able to tell age at diagnos
					as hospitalisation may be some
Diabetes	Diagnosis		O24.0		years after this
					Use home oxygen OPCS E87 as
Respiratory failure	Diagnosis and procedure together	_	J96	E87	an indicator
					Unlikely to be useful:
			Baa Bat Baa Baa Bat B75 704		Circumstances of infection
HIV infection	Diagnosis	_	B20, B21, B22, B23, B24, R75, Z21		unknown
Loss of speech	Diagnosis		F80, R47		
Motor Neurone Disease	Diagnosis	-	612.2		Uplikely to be useful, sept tell
					officered Some definitions
					roquiro prostatoctomy (procodur
					M61) while others just require
Low grade prostate cancer	Diagnosis		C61	M61	treatment
Multiple sclerosis	Diagnosis		G35		
	1		1	1	

ess	Diagnosis or procedure priority?	Subtype	ICD-10 codes	OPCS codes	Notes
nentia	Diagnosis		F01, F02, F03		
neimer's Disease	Diagnosis		F00. G30		
kinson's Disease	Diagnosis		F02.3 G20		
tiple system atrophy	Diagnosis		G90.3		
					Institute and Faculty of Actuaries