

## Ablation 2017/18: Data completeness and validity

Completeness (expressed as %) has been calculated for aggregates of a number of fields: demographics (NHS No, Postcode); clinical (basic – documented arrhythmias, other cardiac disease, etc); clinical (AF ablation – additional clinical data only required for AF ablation such as left atrial size, antiarrhythmic drugs); GMC No (first operator + consultant); procedure details (ablation target, success, etc). Validity checks whether “was ablation performed?” appears to agree with other fields, such as ablation target, success, etc. All data are given as percentages, and colour-coded with red <90%, amber 90-95%, and green ≥95%.

Hospital	Hospital code	Region	Category	Demographics	Clinical (basic)	Clinical (AF ablation)	GMC	Procedure details	Validity (ablation)
Alder Hey Hospital	ACH	England	Children's	98.8	99.2	-	100	99	92.9
Barts And The London	BAL	England	NHS Adult hospitals	99.5	98.9	84.1	99.3	98.8	93.5
Basildon Hospital	BAS	England	NHS Adult hospitals	99.7	97.4	47.5	97.1	96.7	96.5
Belfast City Hospital	BFT	N Ireland	NHS Adult hospitals	-	NA	-	0	0	0
Birmingham Children's Hospital	BCH	England	Children's	93.8	94.7	0	87.7	86.4	79.5
Blackpool Victoria Hospital	VIC	England	NHS Adult hospitals	94.8	90.9	32.7	57.8	71.5	93
BMI The Alexandra Hospital	AHM	England	Private	17.9	82.2	69.4	69.7	76.3	76.2
BMI The Meriden Hospital	BMI	England	Private	50	96.5	83.7	80.5	96.5	91.4
BMI The Priory Hospital Birmingham	PHB	England	Private	22.8	92	9.1	59.7	89	85.1
Bristol Royal Hospital For Children	BRC	England	Children's	5.4	99.5	0	51.3	88	91.4
Bristol Royal Infirmary	BRI	England	NHS Adult hospitals	99.5	16.6	0	55.2	25.8	0
Castle Hill Hospital	CHH	England	NHS Adult hospitals	99.8	99.2	46.2	99.6	96	93.9
Conquest Hospital	CGH	England	NHS Adult hospitals	100	100	-	100	91.7	100
Cromwell Hospital	CRO	England	Private	47.8	99.8	41.9	88.3	95	98.4
Derriford Hospital	PLY	England	NHS Adult hospitals	99.6	99.8	99.5	100	99.9	99.5
Eastbourne District General Hospital	DGE	England	NHS Adult hospitals	100	98.5	19.4	93.3	92.6	96.8
Edinburgh Royal Infirmary	ERI	Scotland	NHS Adult hospitals	49.8	96.9	67.9	100	95	88.1
Edith Cavell Hospital	ECH	England	NHS Adult hospitals	-	NA	-	0	0	0
Exeter Heart	EXH	England	Private	37.5	68.8	50	100	90.6	87.5
Freeman Hospital Newcastle	FRE	England	NHS Adult hospitals	99.8	57.5	48.6	99.6	75.2	92.7
Frimley Park Hospital	FRM	England	NHS Adult hospitals	99.2	99.2	0	99.2	97.3	98.1
Glenfield Hospital	GRL	England	NHS Adult hospitals	100	99.8	68.4	100	99.6	96.2
Golden Jubilee Hospital	GJH	Scotland	NHS Adult hospitals	-	NA	-	0	0	0
Great Ormond Street Hospital	GOS	England	Children's	95.5	98	66.7	77.3	91.5	83.9
Harefield Hospital	HH	England	NHS Adult hospitals	99.8	55.7	34.8	100	82.2	80.7
Harley Street Clinic	HSC	England	Private	46	99.5	93.3	100	99.8	97.9
John Radcliffe Hospital	RAD	England	NHS Adult hospitals	96.7	98.2	68.3	100	97.2	98.5
Kent Institute Of Medicine And Surgery	KIM	England	Private	50	100	-	0	50	0
Kings College Hospital	KCH	England	NHS Adult hospitals	99.5	93.9	71	100	97.8	97.3
Leeds General Infirmary	LGI	England	NHS Adult hospitals	95.6	96.5	68.9	95.8	97.3	93.8
Liverpool Heart & Chest Hospital	BHL	England	NHS Adult hospitals	97.8	99.7	84.6	100	97.5	94.9
London Bridge Hospital	LBH	England	Private	48.8	99.9	97.7	100	100	99.5
Maidstone Hospital	MAI	England	NHS Adult hospitals	100	97.5	-	0	81.9	89.3
Manchester Royal Infirmary	MRI	England	NHS Adult hospitals	98.5	81.8	33.3	93.1	93.4	97.6
Morrison Hospital	MOR	Wales	NHS Adult hospitals	65.8	93.1	65.3	89.5	90.7	91.7

Hospital	Hospital code	Region	Category	Demographics	Clinical (basic)	Clinical (AF ablation)	GMC	Procedure details	Validity (ablation)
New Cross Hospital (Wolverhampton Heart Centre)	NCR	England	NHS Adult hospitals	99.7	97.2	72.9	92.7	96.4	89.7
Norfolk & Norwich University Hospital	NOR	England	NHS Adult hospitals	100	94	-	99	96.2	95.8
North Middlesex University Hospital	NMH	England	NHS Adult hospitals	50	91.7	0	62.5	55.6	75
Northampton General Hospital	NTH	England	NHS Adult hospitals	-	NA	-	0	0	0
Northern General Hospital Sheffield	NGS	England	NHS Adult hospitals	100	76	11.1	98.2	56.1	40.9
Nottingham City Hospital	CHN	England	NHS Adult hospitals	100	96.7	81.3	87.8	95.2	92.6
Papworth Hospital	PAP	England	NHS Adult hospitals	99.8	97.2	8.2	87	92.2	96.3
Queen Alexandra Hospital	QAP	England	NHS Adult hospitals	99.3	99	88.3	100	99.6	99.5
Queen Elizabeth Hospital Birmingham	QEB	England	NHS Adult hospitals	99.9	77.8	27.7	97.1	95.1	89
Queen Elizabeth Hospital Gateshead	QEG	England	NHS Adult hospitals	-	NA	-	0	0	0
Queen Elizabeth The Queen Mother Hospital	QEQ	England	NHS Adult hospitals	73.3	98.5	-	87	82	95.5
Royal Berkshire Hospital	BHR	England	NHS Adult hospitals	100	98.1	0	91.4	78.4	87.5
Royal Bournemouth Hospital	BOU	England	NHS Adult hospitals	99.8	91.1	46.4	99.9	97.4	97.7
Royal Brompton Hospital	NHB	England	NHS Adult hospitals	95.1	77.8	30.6	99.8	87	82.9
Royal Cornwall Hospital	RCH	England	NHS Adult hospitals	100	96.1	-	100	89.5	96.9
Royal Devon & Exeter Hospital	RDE	England	NHS Adult hospitals	99.2	98	48.8	99.8	90.2	98.2
Royal Hospitals Belfast	RVB	N Ireland	NHS Adult hospitals	-	NA	-	0	0	0
Royal Infirmary Aberdeen	RIA	Scotland	NHS Adult hospitals	99.1	70	20.1	0	85.9	60.7
Royal Preston Hospital	RPH	England	NHS Adult hospitals	-	NA	-	0	0	0
Royal Surrey County Hospital	RSU	England	NHS Adult hospitals	97	99	0	100	99.1	100
Royal Sussex County Hospital	RSC	England	NHS Adult hospitals	99.8	98	36.9	99.9	98.4	97
Southampton General Hospital	SGH	England	NHS Adult hospitals	97.2	99.5	27.6	99.9	88.8	96.3
Spire Bristol	GHB	England	Private	67.8	96.2	30.5	92.7	96.6	93.6
Spire Hospital Cardiff	SPC	Wales	Private	26.8	68.6	37.7	67.4	72.7	88.6
Spire Hull And East Riding Hospital	HBP	England	Private	57.4	25.3	21.1	100	77.6	58.3
Spire Leeds Hospital	LEB	England	Private	-	NA	-	0	0	0
Spire Nottingham Hospital	SPN	England	Private	-	NA	-	0	0	0
Spire Southampton Hospital	CBS	England	Private	46.9	97.2	31.9	49	81.4	97.8
St Anthony's Hospital	ANT	England	Private	-	NA	-	0	0	0
St George's Hospital	GEO	England	NHS Adult hospitals	99	96.7	69.1	100	98.1	93.7
St Richard's Hospital	STR	England	NHS Adult hospitals	-	NA	-	0	0	0
St Thomas' Hospital	STH	England	NHS Adult hospitals	98.5	98.9	37.3	97.4	95.9	97.6
The James Cook University Hospital	SCM	England	NHS Adult hospitals	99.8	98.8	42.6	99.1	88.7	91.3
University College Hospital	UCL	England	NHS Adult hospitals	-	NA	-	0	0	0
University Hospital Coventry	WAL	England	NHS Adult hospitals	99.9	98.3	90.1	100	98.9	98
University Hospital Of North Staffs	STO	England	NHS Adult hospitals	95.3	70.6	30.6	97.5	82.2	92
University Hospital Of Wales	UHW	Wales	NHS Adult hospitals	99.3	98.3	45.1	96.5	95.8	92.6
Warwick Hospital	WAR	England	NHS Adult hospitals	100	100	-	100	66.7	0
Watford General Hospital	WAT	England	NHS Adult hospitals	83.9	93.9	-	62.2	84.7	97.2
Wellington Hospital North	HHW	England	Private	45.6	99.5	94.3	100	100	100
Weston General Hospital	WGH	England	NHS Adult hospitals	-	NA	-	0	0	0
William Harvey Hospital	WHH	England	NHS Adult hospitals	98	99.7	-	100	88.8	96.9
Worcestershire Royal Hospital	WRC	England	NHS Adult hospitals	-	NA	-	0	0	0
Wythenshawe Hospital	WYT	England	NHS Adult hospitals	100	72.3	26.6	100	96.6	91