

Vascular Access Data Session

UKRR/KQuIP Regional Day – Oxford and Thames Valley

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Vascular Access Audit Methods

- All adult patients in renal centres in England, Wales and Northern Ireland
- Provide vascular access data for patients on dialysis
- The Vascular Access Audit Report does not include AKI patients
- Incident data at patient level
- Prevalent data in centre level
- 1 year PD follow-up data



Vascular Access Audit Standards

- 60% of incident patients commencing planned HD should receive dialysis via a functioning AVF/AVG
- 80% of all prevalent long-term dialysis patients should receive dialysis treatment via definitive access: AVF/AVG or PD



AVF/AVG % of incident dialysis patients

Centre	2011	2012	2013	2014	2015	2016
Oxford	31.5	36.1	32.1	34.8	42.3	41.7
Reading		22.4	32.7	31.6	22.4	31.8
Gloucester	36.4	34.7	43.8		43.5	
UK	33.3	31.8	32.6	30.9	30.3	28.5

AVF/AVG % of incident HD patients

Centre	2011	2012	2013	2014	2015	2016
Oxford	44.6	47.7	44.9	46.3	53.1	58.8
Reading		32.6	47.9	46.9	34.7	45.9
Gloucester	47.6	45.5	60.0		64.3	
UK	41.4	40.9	41.8	39.2	38.4	36.3

Guideline: 60% of incident patients commencing planned HD should receive dialysis via a functioning AVF/AVG

TL % of incident dialysis patients

Centre	2011	2012	2013	2014	2015	2016
Oxford	29.4	25.9	19.7	21.3	21.8	22.6
Reading		16.4	12.5	7.4	14.5	14.8
Gloucester	32.7	23.6	18.8		17.7	
UK	31.6	29.1	28.9	28.0	28.7	28.4

NTL % of incident dialysis patients

Centre	2011	2012	2013	2014	2015	2016
Oxford	9.8	13.6	19.7	18.9	15.5	6.5
Reading		29.9	23.1	28.4	27.6	22.7
Gloucester	7.3	18.1	10.4		6.5	
UK	15.4	16.9	16.5	19.8	19.9	21.7

AVF/AVG % of prevalent dialysis patients

Centre	2012	2013	2014	2015	2016
Oxford	67.0		64.1	61.6	62.5
Reading	61.0	58.6	60.6	59.9	64.5
Gloucester	67.3	70.3		72.0	
UK	66.6	64.6	60.3	59.9	59.4

Definitive access (AVF/AVG/PD) % of prevalent dialysis patients

Centre	2012	2013	2014	2015	2016
Oxford	83.5		79.3	79.0	79.5
Reading	81.9	80.0	80.6	77.5	80.2
Gloucester	81.9	85.8		83.0	
UK	82.3	79.0	73.6	72.6	72.7

Guideline: 80% of all prevalent long-term dialysis patients should receive dialysis treatment via definitive access: AVF/AVG or PD

TL/NTL % of prevalent dialysis patients

Centre	2012	2013	2014	2015	2016
Oxford	16.5		20.7	21.0	20.5
Reading	18.1	20.0	19.4	22.5	19.8
Gloucester	18.1	14.2		17.0	
UK	17.7	21.0	26.4	27.4	27.3

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