

North West Regional Day

Retha Steenkamp

Head of Operations UKRR



Vascular Access Audit Methods

- All adult patients in renal centres in England, Wales and Northern Ireland
- Provide vascular and peritoneal 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	2012	2013	2014	2015	2016	2017
Liv Ain	57.9	50.0	41.3	27.7	23.8	29.8
Liv Roy	31.5	32.8	28.7	-	17.6	42.5
M RI	37.7	-	22.9	-	15.7	48.1
Prestn	41.7	41.4	36.2	29.5	31.4	37.7
Salford	41.2	42.3	32.1	23.2	14.2	23.6
Wirral	28.1	39.4	28.9	25.0	24.3	35.3
UK	31.8	32.6	30.9	30.3	23.7	

AVF/AVG % of incident HD patients

Centre	2012	2013	2014	2015	2016	2017
Liv Ain	73.3	66.7	53.1	43.9	35.2	39.0
Liv Roy	46.9	50.0	36.8	-	39.0	42.5
M RI	64.4	-	32.9	-	21.3	48.1
Prestn	46.7	52.7	45.1	35.2	44.0	37.7
Salford	55.3	57.3	44.2	29.2	24.0	38.7
Wirral	39.1	53.1	32.5	31.1	30.9	35.3
UK	40.9	41.8	39.2	38.4	28.9	

Guideline 60%



NTL % of incident dialysis patients

Centre	2012	2013	2014	2015	2016	2017
Liv Ain	15.8	11.7	22.2	6.2	18.8	46.7
Liv Roy	6.8	13.1	12.6	-	9.2	11.3
M RI	0.0	-	30.3	-	32.2	0.0
Prestn	13.3	12.9	20.5	20.2	25.0	29.6
Salford	4.4	0.9	13.7	19.7	19.2	15.4
Wirral	25.0	22.7	46.7	32.1	54.4	64.7
UK	16.9	16.5	19.8	19.9	31.0	

TL % of incident dialysis patients

Centre	2012	2013	2014	2015	2016	2017
Liv Ain	5.3	13.3	14.3	29.2	25.0	0.0
Liv Roy	28.8	19.7	36.8	-	18.3	46.2
M RI	20.8	-	16.5	-	25.8	51.9
Prestn	34.2	24.1	23.6	34.1	15.0	32.7
Salford	28.9	30.6	26.7	36.6	25.7	22.0
Wirral	18.8	12.1	13.3	23.2	0	0
UK	29.1	28.9	28.0	28.7	27.3	

AVF/AVG % of prevalent dialysis patients

Centre	2012	2013	2014	2015	2016	2017
Liv Ain	-	-	-	-	79.9	72.2
Liv Roy	-	-	-	-	92.0	76.3
M RI	-	-	-	-	-	58.3
Prestn	-	-	-	-	47.9	76.0
Salford	63.9	67.2	68.9	58.9	55.6	54.4
Wirral	-	59.9	65.7	62.8	70.3	66.8
UK	62.4	61.2	56.7	54.8	67.7	

AVF/AVG/PD % of prevalent dialysis patients

Centre	2012	2013	2014	2015	2016	2017
Liv Ain	-	-	-	-	79.9	84.4
Liv Roy	-	-	-	-	92.0	76.3
M RI	-	-	-	-	-	69.2
Prestn	-	-	-	-	47.9	76.0
Salford	85.8	88.7	87.8	79.4	76.4	76.0
Wirral	-	76.1	76.8	74.4	70.3	66.8
UK	82.3	79.0	73.6	72.6	67.7	

Guideline 80%



TL/NTL % of prevalent dialysis patients

Centre	2012	2013	2014	2015	2016	2017
Liv Ain	-	-	-	-	20.1	15.6
Liv Roy	-	-	-	-	8.0	23.7
M RI	-	-	-	-	-	30.8
Prestn	-	-	-	-	52.1	24.0
Salford	14.2	11.3	12.2	20.6	23.6	24.0
Wirral	0.0	23.9	23.2	25.6	29.7	33.2
UK	17.7	21.0	26.4	27.4	32.3	

Acknowledgements

Thank you to all renal units that submit data to the UKRR

Thank you also to all the people at the UKRR who work in the background to make all this possible.

