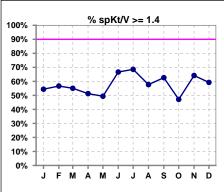
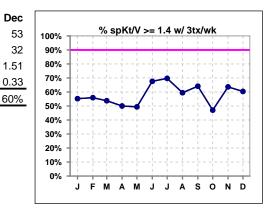
I. ADEQUACY (OF DIA	LYSIS	;									
	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# spKt/V	68	60	69	80	83	75	70	78	83	70	67	54
# spKt/V >= 1.4	37	34	38	41	41	50	48	45	52	33	43	32
Pop. Mean	1.45	1.44	1.48	1.36	1.47	1.53	1.56	1.45	1.47	1.43	1.50	1.51
Std. Deviation	0.28	0.33	0.34	0.34	0.40	0.41	0.36	0.37	0.34	0.31	0.31	0.32
% spKt/V >= 1.4	54%	57%	55%	51%	49%	67%	69%	58%	63%	47%	64%	59%
% spKt/V >= 1.2	82%	80%	87%	74%	81%	85%	91%	81%	82%	86%	87%	89%





spKt/V w/ 3tx/wk

Pop. Mean

Std. Deviation

spKt/V>=1.4 w/3tx/wk 37

% spKt/V>=1.4 w/3tx/wt/s5%

Jan

67

1.46

0.28

Feb

59

33

1.43

0.32

56%

Mar

67

36

1.47

0.34

54%

Apr

78

39

1.36

0.35

50%

May

79

39

1.46

0.40

49%

Jun

71

48

1.54

0.41

68%

Jul

66

46

1.56

0.37

70%

Aug

74

44

1.46

0.37

59%

Sep

78

50

1.49

0.34

64%

Oct

68

32

1.43

0.31

47%

Nov

66

42

1.50

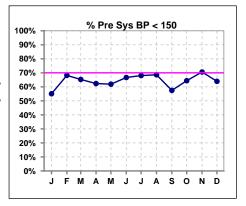
0.32

64%

	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Pre Dia BP	69	66	72	85	84	78	72	86	87	72	67	61
# Pre Dia BP < 90	58	56	62	74	80	76	67	75	77	61	60	52
Pop. Mean	78	75	77	77	75	72	72	75	76	76	75	76
Std. Deviation	13.6	12.5	12.5	12.1	10.8	11.3	12.3	11.6	12.5	11.6	11.1	13.6
% Pre Dia BP < 90	84%	85%	86%	87%	95%	97%	93%	87%	89%	85%	90%	85%

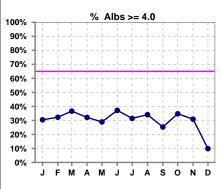
00% -				70	Fre			P <	90			
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10% -	÷	<u> </u>		- -	- 1				<u> </u>			
<mark>0%</mark> ⊥	1	1	1	-	1	-	-	-	1	1	1	1

	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Pre Sys BP	69	66	72	85	84	78	72	86	87	73	68	61
# Pre Sys BP < 150	38	45	47	53	52	52	49	59	50	47	48	39
Pop. Mean	146	141	141	143	141	140	140	143	144	143	142	142
Std. Deviation	22.8	19.7	19.1	20.0	21.0	19.6	19.4	19.5	21.3	23.7	18.2	21.3
%Pre Sys BP <150	55%	68%	65%	62%	62%	67%	68%	69%	57%	64%	71%	64%

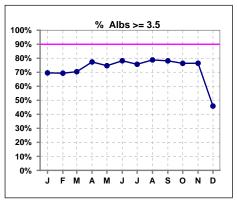


*Albumin values use BCG method - as of July 2001 ...

II. NUTRITION													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Γ
# Albumin	69	62	71	84	83	78	70	85	87	72	68	61	
# Albumin >= 4.0	21	20	26	27	24	29	22	29	22	25	21	6	
Pop. Mean	3.7	3.6	3.7	3.7	3.7	3.8	3.7	3.7	3.7	3.7	3.7	3.4	
Std. Deviation	0.47	0.49	0.58	0.48	0.43	0.39	0.38	0.39	0.40	0.41	0.39	0.51	
% Alb >= 4.0	30%	32%	37%	32%	29%	37%	31%	34%	25%	35%	31%	10%	

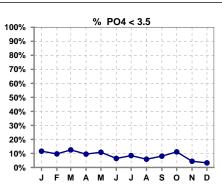


	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Albumin	69	62	71	84	83	78	70	85	87	72	68	61
# Albumin >= 3.5	48	43	50	65	62	61	53	67	68	55	52	28
Pop. Mean	3.7	3.6	3.7	3.7	3.7	3.8	3.7	3.7	3.7	3.7	3.7	3.4
Std. Deviation	0.47	0.49	0.58	0.48	0.43	0.39	0.38	0.39	0.40	0.41	0.39	0.51
% Alb >= 3.5	70%	69%	70%	77%	75%	78%	76%	79%	78%	76%	76%	46%

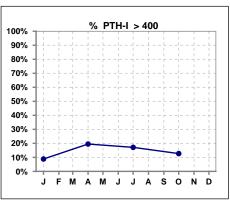


Lab methodology for PTH changed January 2012

III. OSTEODYS	TROPH	Y											
	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
# PO4	69	62	72	84	83	78	71	85	87	72	68	61	
# PO4 < 3.5	8	6	9	8	9	5	6	5	7	8	3	2	
Pop. Mean	5.3	5.5	5.0	5.4	5.4	5.6	5.5	5.8	5.4	5.6	5.7	6.0	
Std. Deviation	1.68	2.12	1.31	1.82	1.72	1.97	1.62	1.83	1.81	1.81	1.58	1.64	
% PO4 < 3.5	12%	10%	13%	10%	11%	6%	8%	6%	8%	11%	4%	3%	



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PTH-I	68			82			70			63		
# PTH-I > 400	6			16			12			8		
Pop. Mean	188			273			298			263		
Std. Deviation	177			202			422			264		
% PTH-I > 400	9%			20%			17%			13%		



IV. ACCESS													
	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
# Access	69	66	72	85	84	78	72	86	87	73	68	61	10
# Fistula	29	28	33	39	33	27	27	29	33	29	24	21	9
% Fistula	42%	42%	46%	46%	39%	35%	38%	34%	38%	40%	35%	34%	8
													1 7

Jan

69

51

74%

Jan

69

6%

4

Feb

66

4

6%

Patient

Access

Graft

% Graft

Fistula in Place

% Fistula in Place

Feb

66

48

73%

Mar

73

52

71%

Mar

72

4

6%

Apr

85

4

5%

May

11%

84

9

Apr

85

60

71%

May

84

57

68%

Jun

80

55

69%

Jun

78

8%

6

Jul

72

2

3%

Aug

86

1

1%

Jul

73

51

70%

Aug

86

59

69%

Sep

88

69

78%

Sep

87

2%

2

Oct

73

4%

3

Nov

68

6%

4

Oct

73

56

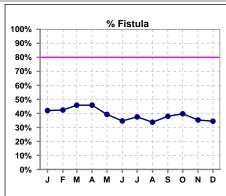
77%

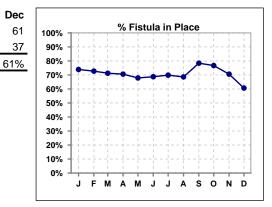
Nov

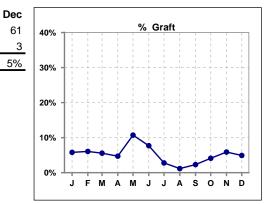
68

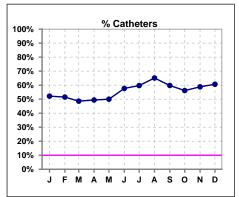
48

71%









	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Access	69	66	72	85	84	78	72	86	87	73	68	61
# Catheters	36	34	35	42	42	45	43	56	52	41	40	37
% Catheters	52%	52%	49%	49%	50%	58%	60%	65%	60%	56%	59%	61%

IV. ACCESS - C	ONT.	Acces	s at 9	0 day	s for t	those	patie	nts th	at rea	ched	90 da	ays wi	thin the month.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
# Patient	31	33	26	22	30	29	28	32	20	34	36	34	100% ———————————————————————————————————
# Fistula in use	13	15	13	11	18	15	12	16	9	13	22	20	90%
% Fistula in use	42%	45%	50%	50%	60%	52%	43%	50%	45%	38%	61%	59%	80%
													70%
													60%
													50% 40%
													30%
													20%
													10%
													0%
													J F M A M J J A S O N
									•	•		_	
# Patient	Jan 31	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	% Fistula in Place at 90 days
# Patient # Fistula in Place	31 20	33 24	26 22	22 15	30 21	29 24	28 23	32 28	20 17	34 24	36 32	34 27	100%
													90%
% Fistula in Place	65%	73%	85%	68%	70%	83%	82%	88%	85%	71%	89%	79%	70%
													60% -
													50%
													40%
													30%
													10%
													J F M A M J J A S O N
	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
# Patient	31	33	26	22	30	29	28	32	20	34	36	34	100%% Graft in use at 90 days
# Graft in use	4	4	2	3	4	3	2	2	1	1	0	4	90% -
% Graft in use	13%	12%	8%	14%	13%	10%	7%	6%	5%	3%	0%	12%	80%
													50%
													40%
													30%
													20%
													10%
													0% J F M A M J J A S O N
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
# Patient	31	33	26	22	30	29	28	32	20	34	36	34	100% % Graft in Place at 90 days
# Graft in Place	6	5	3	3	4	3	3	3	2	3	0	4	90%
% Graft in Place	19%	15%	12%	14%	13%	10%	11%	9%	10%	9%	0%	12%	80%
	.070	. 5 / 5	/3	. 175		. 5 / 5	. 1 / 5	575	. 5 / 5	575	575	,5	70%
													60%
													50%

Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent result.

40% 30% 20% 10% 0%

F

.1

ΜA

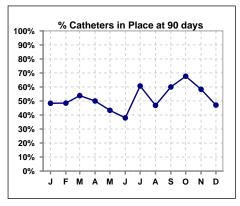
М

JJA

SOND

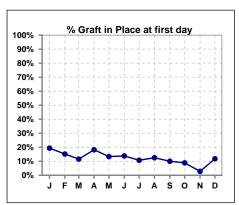
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Patient	31	33	26	22	30	29	28	32	20	34	36	34	100% Catheters in use at 90 days
Catheters in use	14	14	11	8	8	11	14	14	10	20	14	10	90% = + + + + + + + + + + + + + + + + + +
Catheters in use	45%	42%	42%	36%	27%	38%	50%	44%	50%	59%	39%	29%	80%
													60% 50% 40% 30% 20% 10% 0%

	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	31	33	26	22	30	29	28	32	20	34	36	34
# Catheters in Place	15	16	14	11	13	11	17	15	12	23	21	16
% Catheters in Place	48%	48%	54%	50%	43%	38%	61%	47%	60%	68%	58%	47%



IV. ACCESS - C	ONT. A	Acces	s at fi	rst da	y for	those	patie	ents th	nat rea	ached	90 da	ays w i	ithin the month.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
# Patient	31	33	26	22	30	29	28	32	20	34	36	34	100%
# Fistula in use	11	10	11	7	12	10	10	11	6	8	15	14	90%
% Fistula in use	35%	30%	42%	32%	40%	34%	36%	34%	30%	24%	42%	41%	80%
													60%
													40%
													30%
													20%
													10%
													0% J F M A M J J A S O N D
													J F M A M J J A S O N D
	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
# Patient	31	33	26	22	30	29	28	32	20	34	36	34	100% Fistula in Place at first day
# Fistula in Place	20	26	22	15	22	24	24	28	18	25	34	29	90%
% Fistula in Place	65%	79%	85%	68%	73%	83%	86%	88%	90%	74%	94%	85%	80%
													60%
													40%
													30% -
													20%
													10%
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
# Patient	31	33	26	22	30	29	28	32	20	34	36	34	100%
# Graft in use	3	1	1	2	3	2	1	2	1	0	0	0	90%
% Graft in use	10%	3%	4%	9%	10%	7%	4%	6%	5%	0%	0%	0%	80% -
													50%
													40%
													30%
													20%

	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	31	33	26	22	30	29	28	32	20	34	36	34
# Graft in Place	6	5	3	4	4	4	3	4	2	3	1	4
% Graft in Place	19%	15%	12%	18%	13%	14%	11%	13%	10%	9%	3%	12%



JJA

Μ

SOND

10% 0%

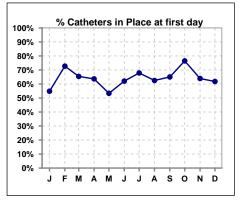
FMA

Northwest Kidney Centers - Consolidated Center Quality Assurance Reports (Patients in first 90 days of treatment)

••••••••••••••••••••••••••••••••••••••				
Through period	ending	Dec. 31,	2015	

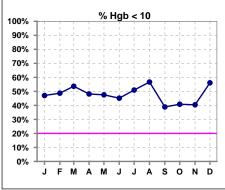
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
[#] Patient	31	33	26	22	30	29	28	32	20	34	36	34	100% Catheters in use at first day
Catheters in use	17	22	14	13	15	17	17	19	13	26	21	20	90% =
6 Catheters in use	55%	67%	54%	59%	50%	59%	61%	59%	65%	76%	58%	59%	80%
													60% 50% 40% 30% 20% 10% 0% J F M A M J J A S O N

	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	31	33	26	22	30	29	28	32	20	34	36	34
# Catheters in Place	17	24	17	14	16	18	19	20	13	26	23	21
% Catheters in Place	55%	73%	65%	64%	53%	62%	68%	63%	65%	76%	64%	62%



V. ANEMIA												
	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hgb	51	39	41	54	61	62	53	60	54	49	47	41
# Hgb < 10	24	19	22	26	29	28	27	34	21	20	19	23
Pop. Mean	10.1	10.0	9.8	9.9	10.0	10.0	10.0	9.8	10.0	10.0	10.1	9.7
Std. Deviation	1.5	1.4	1.5	1.4	1.3	1.5	1.5	1.3	1.4	1.2	1.4	1.4
% Hgb < 10	47%	49%	54%	48%	48%	45%	51%	57%	39%	41%	40%	56%

Note: Excludes patients who received no ESA in month.



	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hgb	51	39	41	54	61	62	53	60	54	49	47	41
# Hgb > 12	5	3	4	5	0	3	4	2	3	0	1	2
Pop. Mean	10.1	10.0	9.8	9.9	10.0	10.0	10.0	9.8	10.0	10.0	10.1	9.7
Std. Deviation	1.5	1.4	1.5	1.4	1.3	1.5	1.5	1.3	1.4	1.2	1.4	1.4
% Hgb > 12	10%	8%	10%	9%	0%	5%	8%	3%	6%	0%	2%	5%

Note: Excludes patients who received no ESA in month.

