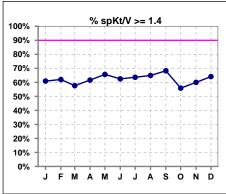
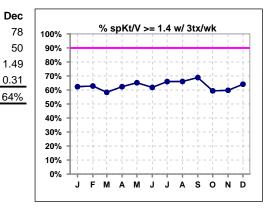
I. ADEQUACY OF DIALYSIS														
	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
# spKt/V	87	79	85	86	67	56	55	57	63	68	80	78		
# spKt/V >= 1.4	53	49	49	53	44	35	35	37	43	38	48	50		
Pop. Mean	1.51	1.45	1.46	1.52	1.48	1.51	1.48	1.49	1.53	1.46	1.47	1.49		
Std. Deviation	0.33	0.34	0.34	0.36	0.32	0.37	0.32	0.41	0.36	0.41	0.41	0.31		
% spKt/V >= 1.4	61%	62%	58%	62%	66%	63%	64%	65%	68%	56%	60%	64%		
% spKt/V >= 1.2	84%	82%	81%	83%	82%	84%	84%	81%	84%	78%	81%	87%		





# spKt/V w/ 3tx/wk

Pop. Mean

Std. Deviation

# spKt/V>=1.4 w/3tx/wk 53

% spKt/V>=1.4 w/3tx/w82%

Jan

1.52

0.32

85

Feb

78

49

1.46

0.34

63%

Mar

84

49

1.46

0.34

58%

Apr

85

53

1.52

0.36

62%

May

66

43

1.48

0.33

65%

Jun

55

34

1.50

0.37

62%

Jul

50

33

1.49

0.33

66%

Aug

56

37

1.50

0.41

66%

Sep

61

42

1.54

0.36

69%

Oct

64

38

1.49

0.39

59%

Nov

77

46

1.48

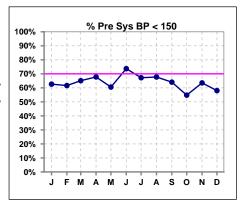
0.41

60%

	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Pre Dia BP	91	86	86	90	71	57	61	62	64	73	85	81
# Pre Dia BP < 90	79	70	76	81	60	50	49	48	52	61	73	65
Pop. Mean	76	77	74	75	77	75	77	75	76	77	77	78
Std. Deviation	11.2	12.2	11.4	13.2	13.2	11.8	13.7	14.0	14.5	12.9	12.2	12.1
% Pre Dia BP < 90	87%	81%	88%	90%	85%	88%	80%	77%	81%	84%	86%	80%

100%			%	Pre	Di	аВ	۲ <	90			
90%		i	i	i	1	1				i	i
80%	$\checkmark$			*		-		4	-	-	\$
70% -		4	4-								
60% -							+				
50% -				- 1			+				1 -
40% -							+				
30% -			- ÷ -				+				
20% -							- +				
10% -	·			- 1			+				+ -
0% ∔∔		1	-		-	-		-	-		

	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Pre Sys BP	91	86	86	90	71	57	61	62	64	73	85	81
# Pre Sys BP < 150	57	53	56	61	43	42	41	42	41	40	54	47
Pop. Mean	145	143	142	141	142	136	139	140	143	144	143	144
Std. Deviation	19.4	20.5	20.0	20.3	19.8	17.4	21.5	24.2	23.8	20.7	22.0	20.3
%Pre Sys BP <150	63%	62%	65%	68%	61%	74%	67%	68%	64%	55%	64%	58%



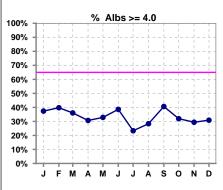
Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent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

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

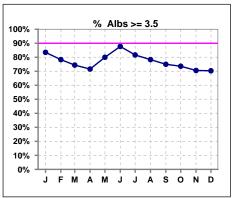
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II. NUTRITION													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Γ
# Albumin	91	83	86	88	70	57	60	60	64	72	85	81	
# Albumin >= 4.0	34	33	31	27	23	22	14	17	26	23	25	25	
Pop. Mean	3.8	3.8	3.7	3.7	3.8	3.9	3.8	3.8	3.8	3.7	3.7	3.7	
Std. Deviation	0.42	0.48	0.54	0.47	0.46	0.41	0.44	0.37	0.51	0.51	0.47	0.49	
% Alb >= 4.0	37%	40%	36%	31%	33%	39%	23%	28%	41%	32%	29%	31%	



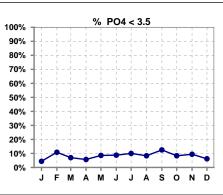
	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Albumin	91	83	86	88	70	57	60	60	64	72	85	81
# Albumin >= 3.5	76	65	64	63	56	50	49	47	48	53	60	57
Pop. Mean	3.8	3.8	3.7	3.7	3.8	3.9	3.8	3.8	3.8	3.7	3.7	3.7
Std. Deviation	0.42	0.48	0.54	0.47	0.46	0.41	0.44	0.37	0.51	0.51	0.47	0.49
% Alb >= 3.5	84%	78%	74%	72%	80%	88%	82%	78%	75%	74%	71%	70%



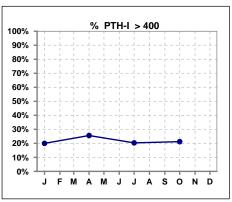
Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent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

#### Lab methodology for PTH changed January 2012 ...

III. OSTEODYS	TROPH	IY I											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Γ
# PO4	91	83	86	88	70	57	60	60	64	72	85	81	
# PO4 < 3.5	4	9	6	5	6	5	6	5	8	6	8	5	
Pop. Mean	5.5	5.5	5.3	5.6	5.8	5.8	5.5	5.9	5.5	5.2	5.4	5.6	
Std. Deviation	1.41	1.79	1.51	1.65	1.73	1.83	1.78	1.68	2.18	1.56	1.76	1.70	
% PO4 < 3.5	4%	11%	7%	6%	9%	9%	10%	8%	13%	8%	9%	6%	



	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PTH-I	90			86			59			66		
# PTH-I > 400	18			22			12			14		
Pop. Mean	265			320			257			282		
Std. Deviation	224			423			175			219		
% PTH-I > 400	20%			26%			20%			21%		



IV. ACCESS	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Г
# Access	91	86	86	90	71	57	61	62	62	73	85	81	10
# Fistula	36	35	36	31	25	25	22	22	23	26	28	25	9
% Fistula	40%	41%	42%	34%	35%	44%	36%	35%	37%	36%	33%	31%	8
													1 7

Jan

92

69

75%

Jan

91

7%

6

Feb

86

8%

7

Mar

86

9

10%

Apr

90

6

7%

May

71

8%

6

# Patient

# Access

# Graft

% Graft

# Fistula in Place

% Fistula in Place

Feb

86

64

74%

Mar

88

61

69%

Apr

90

58

64%

May

71

45

63%

Jun

57

36

63%

Jun

57

7%

4

Jul

62

37

60%

Aug

63

40

63%

Aug

62

4

6%

Jul

61

8%

5

Sep

64

43

67%

Sep

62

3%

2

Oct

73

2

3%

Nov

85

8%

7

Oct

73

53

73%

Nov

85

57

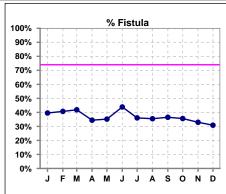
Dec

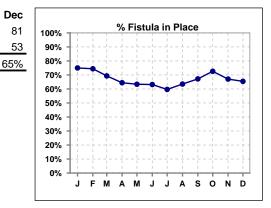
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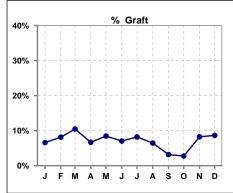
9%

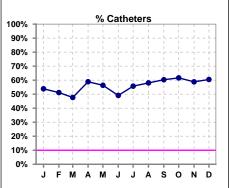
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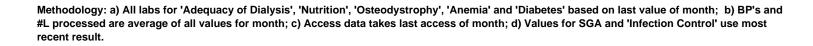


	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Access	91	86	86	90	71	57	61	62	62	73	85	81

# Catheters	49	44	41	53	40	28	34	36	38	45	50	49
% Catheters	54%	51%	48%	59%	56%	49%	56%	58%	60%	62%	59%	60%

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.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
# Patient	33	35	30	28	32	33	33	19	<b>Зер</b> 22	21	20	35	% Fistula in use at 90 days
Fistula in use	14	15	14	12	15	13	18	10	8	10	20 7	13	100%
6 Fistula in use	42%	43%	47%	43%	47%	39%	55%	53%	36%	48%	35%	37%	80%
	72 /0											<u> </u>	70% 60% 50% 40% 20% 10% 0% J F M A M J J A S O N
# Patient	Jan 33	<b>Feb</b> 35	<b>Mar</b> 30	<b>Apr</b> 28	<b>May</b> 32	Jun 33	Jul 33	<b>Aug</b> 19	<b>Sep</b> 22	<b>Oct</b> 21	<b>Nov</b> 20	<b>Dec</b> 35	100% ———————————————————————————————————
Fistula in Place	26	24	23	20	24	22	27	14	15	19	20 15	25	90%
% Fistula in Place	79%	69%	77%	75%	75%	67%	82%	74%	68%	90%	75%	71%	80%
													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	33	35	30	28	32	33	33	19	22	21	20	35	100% % Graft in use at 90 days
f Graft in use	2	3	4	3	4	5	2	2	5	2	3	2	90%
% Graft in use	6%	9%	13%	11%	13%	15%	6%	11%	23%	10%	15%	6%	80% 70% 60% 50% 40% 30% 20% 10% 0% J F M A M J J A S O N
# Patient	<b>Jan</b> 33	<b>Feb</b> 35	<b>Mar</b> 30	<b>Apr</b> 28	<b>May</b> 32	Jun 33	<b>Jul</b> 33	<b>Aug</b> 19	<b>Sep</b>	<b>Oct</b> 21	<b>Nov</b> 20	<b>Dec</b> 35	100% % Graft in Place at 90 days
# Graft in Place % Graft in Place	2	5	5	3	3	6	1	3	6	2	3	2	90%
V/ Ctroft in Diaco	6%	14%	17%	11%	9%	18%	3%	16%	27%	10%	15%	6%	80%



60% 50% 40% 30% 20% 10% 0%

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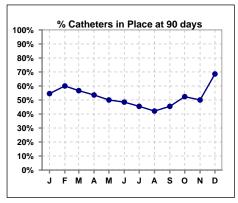
# Northwest Kidney Centers - Consolidated Center Quality Assurance Reports (Patients in first 90 days of treatment)

		,
Through perio	od ending Dec. 31, 201	4

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Patient	33	35	30	28	32	33	33	19	22	21	20	35	100% Catheters in use at 90 days
Catheters in use	17	17	12	13	13	15	13	7	9	9	10	20	90% = 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4
6 Catheters in use	52%	49%	40%	46%	41%	45%	39%	37%	41%	43%	50%	57%	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	33	35	30	28	32	33	33	19	22	21	20	35
# Catheters in Place	18	21	17	15	16	16	15	8	10	11	10	24
% Catheters in Place	55%	60%	57%	54%	50%	48%	45%	42%	45%	52%	50%	69%

recent result.



IV. ACCESS - C	ONT. A	Acces	s at fi	rst da	y for	those	patie	nts th	nat rea	ached	90 da	ays wi	ithin the month.
	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
# Patient	33	35	30	28	32	33	33	19	22	21	20	35	100% Fistula in use at first day
# Fistula in use	12	8	5	9	13	11	14	9	6	9	7	12	90%
% Fistula in use	36%	23%	17%	32%	41%	33%	42%	47%	27%	43%	35%	34%	80% 70% 60% 50% 40% 30% 20% 10% J F M A M J J A S O N
# Patient # Fistula in Place	<b>Jan</b> 33 26	<b>Feb</b> 35 27	<b>Mar</b> 30 24	<b>Apr</b> 28 22	<b>May</b> 32 25	<b>Jun</b> 33 25	<b>Jul</b> 33 28	<b>Aug</b> 19 15	<b>Sep</b> 22 17	<b>Oct</b> 21 20	<b>Nov</b> 20 17	<b>Dec</b> 35 27	100% % Fistula in Place at first day 90%
% Fistula in Place	79%	77%	80%	79%	78%	76%	85%	79%	77%	95%	85%	77%	80%
													50% 40% 30% 20% 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	33	35	30	28	32	33	33	19	22	21	20	35	100% ———————————————————————————————————
f Graft in use	2	1	3	2	2	3	0	1	3	0	1	1	90%
% Graft in use	6%	3%	10%	7%	6%	9%	0%	5%	14%	0%	5%	3%	80% -
													70% 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	% Graft in Place at first day
# Patient	33	35	30	28	32	33	33	19	22	21	20	35	100% - // Grait in Flace at hist day
# Patient # Graft in Place	33 2	35 6	30 6	28 3	32 3	33 6	33 1	19 4	22 6	21 3	20 4	35 2	100%

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.

70% 60% 50% 40% 30% 20% 10% 0%

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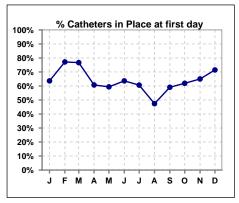
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	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Patient	33	35	30	28	32	33	33	19	22	21	20	35	100% % Catheters in use at first day
Catheters in use	19	26	22	17	17	19	19	9	13	12	12	22	90%
6 Catheters in use	58%	74%	73%	61%	53%	58%	58%	47%	59%	57%	60%	63%	80% = 7%
													60% 50% 40% 30% 20% 10% 0% J F M A M J J A S O N

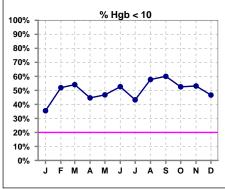
	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	33	35	30	28	32	33	33	19	22	21	20	35
# Catheters in Place	21	27	23	17	19	21	20	9	13	13	13	25
% Catheters in Place	64%	77%	77%	61%	59%	64%	61%	47%	59%	62%	65%	71%





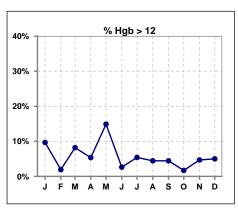
V. ANEMIA												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hgb	62	52	61	56	47	38	37	45	45	59	64	60
# Hgb < 10	22	27	33	25	22	20	16	26	27	31	34	28
Pop. Mean	10.3	9.9	9.8	10.1	10.1	9.8	10.3	9.6	9.5	9.7	10.0	9.9
Std. Deviation	1.3	1.3	1.4	1.3	1.4	1.4	1.3	1.4	1.5	1.4	1.3	1.4
% Hgb < 10	35%	52%	54%	45%	47%	53%	43%	58%	60%	53%	53%	47%

Note: Excludes patients who received no ESA in month.



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hgb	62	52	61	56	47	38	37	45	45	59	64	60
# Hgb > 12	6	1	5	3	7	1	2	2	2	1	3	3
Pop. Mean	10.3	9.9	9.8	10.1	10.1	9.8	10.3	9.6	9.5	9.7	10.0	9.9
Std. Deviation	1.3	1.3	1.4	1.3	1.4	1.4	1.3	1.4	1.5	1.4	1.3	1.4
% Hgb > 12	10%	2%	8%	5%	15%	3%	5%	4%	4%	2%	5%	5%

Note: Excludes patients who received no ESA in month.



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.