Federal Way West Kidney Center - Center Hemodialysis
Quality Assurance Reports
Through period ending Dec. 31, 2021

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I. ADEQUACY OF DIALYSIS

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# spKt/V	33	36	37	38	37	39	39	38	39	38	39	37
# spKt/V >= 1.2	33	36	37	37	37	38	39	37	39	37	38	37
Pop. Mean	1.65	1.60	1.60	1.61	1.63	1.61	1.59	1.56	1.55	1.56	1.61	1.59
Std. Deviation	0.27	0.23	0.25	0.27	0.31	0.24	0.23	0.20	0.18	0.22	0.26	0.19
% spKt/V >= 1.2	100%	100%	100%	97%	100%	97%	100%	97%	100%	97%	97%	100%

|	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# spKt/V w/ 3tx/wk	33	36	37	38	37	39	39	38	39	37	38	36
# spKt/V>=1.2 w/3tx/wk	33	36	37	37	37	38	39	37	39	36	37	36
Pop. Mean	1.65	1.60	1.60	1.61	1.63	1.61	1.59	1.56	1.55	1.56	1.62	1.59
Std. Deviation	0.27	0.23	0.25	0.27	0.31	0.24	0.23	0.20	0.18	0.23	0.26	0.20
% >=1.2 w/3tx/wk	100%	100%	100%	97%	100%	97%	100%	97%	100%	97%	97%	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.
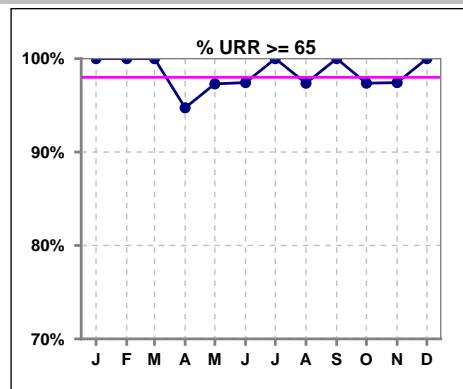
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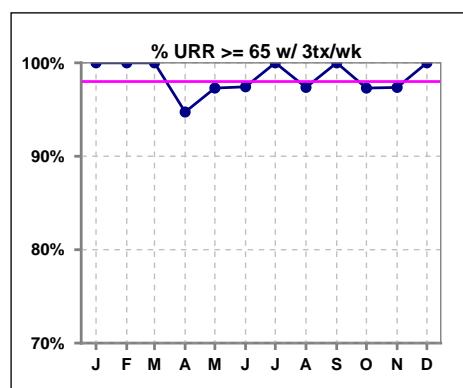
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I. ADEQUACY OF DIALYSIS - CONT.
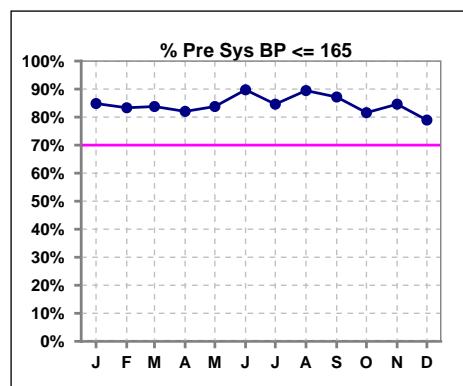
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# URR	33	36	37	38	37	39	39	38	39	38	39	37
# URR >= 65	33	36	37	36	36	38	39	37	39	37	38	37
Pop. Mean	76	75	75	75	75	75	75	74	74	74	75	75
Std. Deviation	5.09	4.81	4.78	5.46	5.81	5.10	4.69	4.37	4.06	4.80	5.02	4.21
% URR >= 65	100%	100%	100%	95%	97%	97%	100%	97%	100%	97%	97%	100%
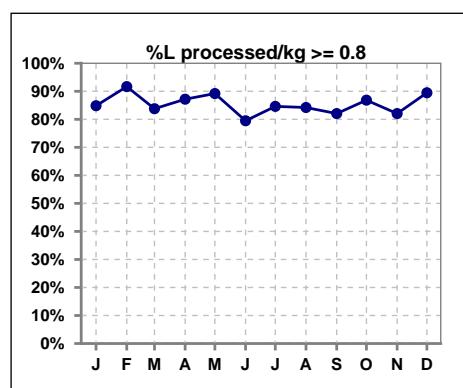
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# URR w/ 3tx/wk	33	36	37	38	37	39	39	38	39	37	38	36
# URR>=65 w/ 3tx/wk	33	36	37	36	36	38	39	37	39	36	37	36
Pop. Mean	76	75	75	75	75	75	75	74	74	74	75	75
Std. Deviation	5.09	4.81	4.78	5.46	5.81	5.10	4.69	4.37	4.06	4.86	5.07	4.26
% URR>=65 w/ 3tx/wk	100%	100%	100%	95%	97%	97%	100%	97%	100%	97%	97%	100%

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Pre Sys BP	33	36	37	39	37	39	39	38	39	38	39	38
# Pre Sys BP <= 165	28	30	32	33	31	36	34	34	36	32	34	34
Pop. Mean	146	147	147	145	144	143	144	145	148	150	151	152
Std. Deviation	17.0	18.0	18.5	20.5	18.7	17.2	17.2	17.0	18.5	16.8	14.8	15.1
%Pre Sys BP <=165	85%	83%	84%	82%	84%	90%	85%	89%	87%	82%	85%	79%

|	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# L processed/kg	33	36	37	39	37	39	39	38	39	38	39	38
# L processed/kg>=0.8	28	33	31	34	33	31	33	32	32	33	32	34
Pop. Mean	1	1	1	1	1	1	1	1	1	1	1	1
Std. Deviation	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
% L processed/kg>=0.8	85%	92%	84%	87%	89%	79%	85%	84%	82%	87%	82%	89%

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.
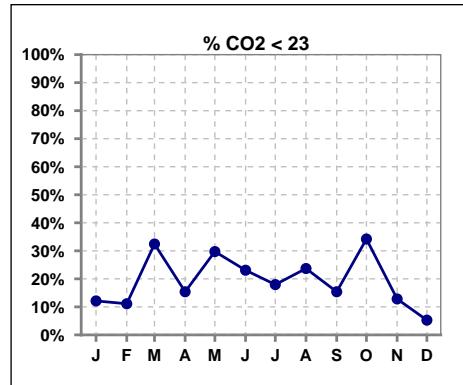
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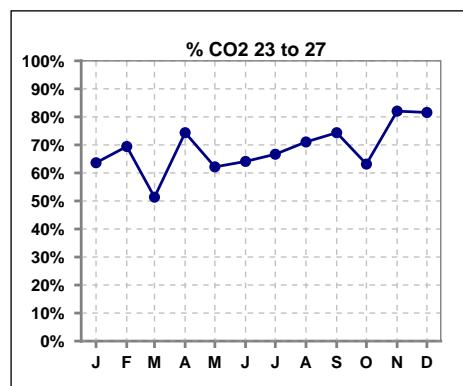
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I. ADEQUACY OF DIALYSIS - CONT.
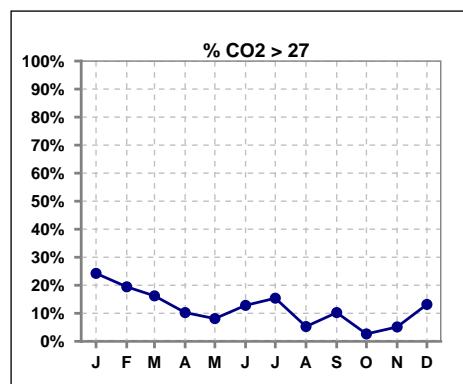
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# CO2	33	36	37	39	37	39	39	38	39	38	39	38
# CO2 < 23	4	4	12	6	11	9	7	9	6	13	5	2
Pop. Mean	26	25	24	25	24	24	25	24	25	24	24	25
Std. Deviation	2.75	3.82	3.64	3.36	2.76	3.23	3.35	2.53	2.87	2.40	2.22	2.10
% CO2 < 23	12%	11%	32%	15%	30%	23%	18%	24%	15%	34%	13%	5%

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# CO2	33	36	37	39	37	39	39	38	39	38	39	38
# CO2 23 to 27	21	25	19	29	23	25	26	27	29	24	32	31
Pop. Mean	26	25	24	25	24	24	25	24	25	24	24	25
Std. Deviation	2.75	3.82	3.64	3.36	2.76	3.23	3.35	2.53	2.87	2.40	2.22	2.10
% CO2 23 to 27	64%	69%	51%	74%	62%	64%	67%	71%	74%	63%	82%	82%

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# CO2	33	36	37	39	37	39	39	38	39	38	39	38
# CO2 > 27	8	7	6	4	3	5	6	2	4	1	2	5
Pop. Mean	26	25	24	25	24	24	25	24	25	24	24	25
Std. Deviation	2.75	3.82	3.64	3.36	2.76	3.23	3.35	2.53	2.87	2.40	2.22	2.10
% CO2 > 27	24%	19%	16%	10%	8%	13%	15%	5%	10%	3%	5%	13%

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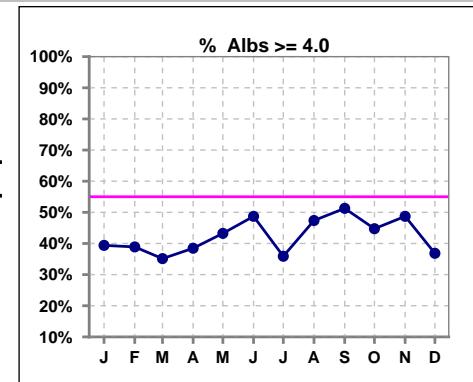
*Albumin values use BCG method - as of July 2001

II. NUTRITION

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Albumin	33	36	37	39	37	39	39	38	39	38	39	38
# Albumin >= 4.0	13	14	13	15	16	19	14	18	20	17	19	14
Pop. Mean	3.7	3.8	3.7	3.8	3.8	3.8	3.7	3.8	3.9	3.8	3.9	3.8
Std. Deviation	0.46	0.42	0.44	0.43	0.39	0.42	0.39	0.44	0.39	0.42	0.43	0.34
% Alb >= 4.0	39%	39%	35%	38%	43%	49%	36%	47%	51%	45%	49%	37%

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.
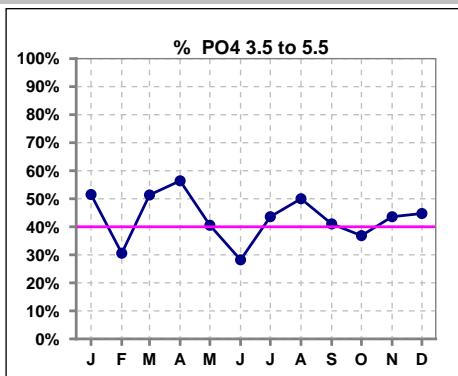
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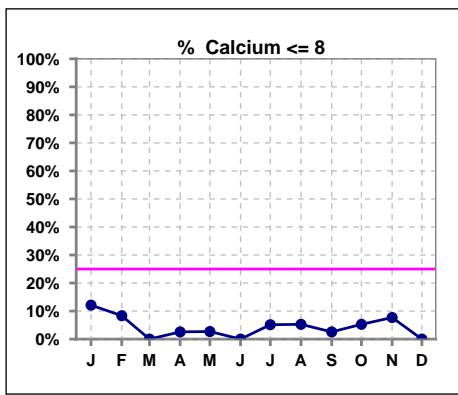
Lab methodology for PTH changed January 2012

III. OSTEODYSTROPHY
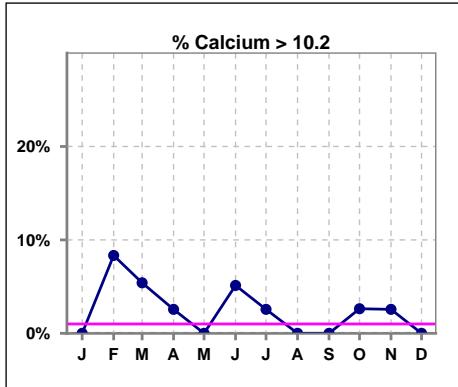
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PO4	33	36	37	39	37	39	39	38	39	38	39	38
# PO4 3.5 to 5.5	17	11	19	22	15	11	17	19	16	14	17	17
Pop. Mean	5.0	5.5	5.7	5.5	5.8	6.2	5.5	5.1	5.7	5.7	5.8	5.7
Std. Deviation	1.44	1.82	1.62	1.35	1.56	1.57	1.62	1.85	1.98	1.76	1.64	1.65
% PO4 3.5 to 5.5	52%	31%	51%	56%	41%	28%	44%	50%	41%	37%	44%	45%
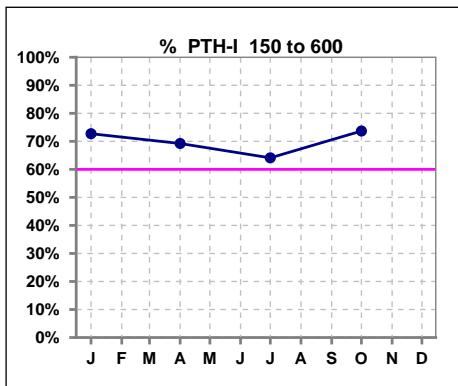
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Calcium	33	36	37	39	37	39	39	38	39	38	39	38
# Calcium <= 8	4	3	0	1	1	0	2	2	1	2	3	0
Pop. Mean	9.0	9.2	9.1	9.2	9.1	9.3	9.2	9.0	9.2	9.1	9.1	9.1
Std. Deviation	0.76	0.76	0.62	0.62	0.57	0.56	0.65	0.65	0.54	0.70	0.72	0.51
% Calcium <= 8	12%	8%	0%	3%	3%	0%	5%	5%	3%	5%	8%	0%

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Calcium	33	36	37	39	37	39	39	38	39	38	39	38
# Calcium > 10.2	0	3	2	1	0	2	1	0	0	1	1	0
Pop. Mean	9.0	9.2	9.1	9.2	9.1	9.3	9.2	9.0	9.2	9.1	9.1	9.1
Std. Deviation	0.76	0.76	0.62	0.62	0.57	0.56	0.65	0.65	0.54	0.70	0.72	0.51
% Calcium > 10.2	0%	8%	5%	3%	0%	5%	3%	0%	0%	3%	3%	0%

|	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PTH-I	33			39			39			38		
# PTH-I 150 to 600	24			27			25			28		
Pop. Mean	366			342			334			409		
Std. Deviation	281			272			276			242		
% PTH-I 150 to 600	73%			69%			64%			74%		

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.
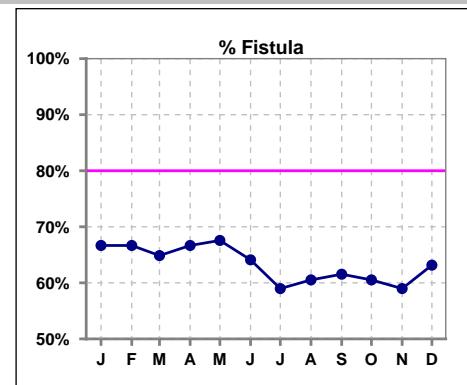
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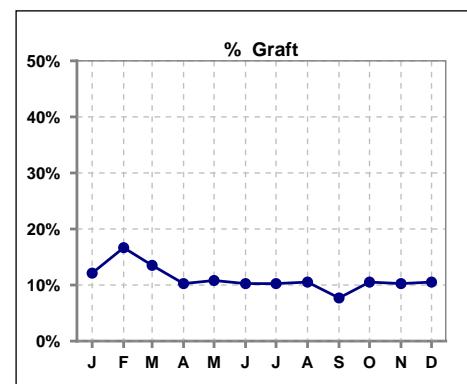
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IV. ACCESS
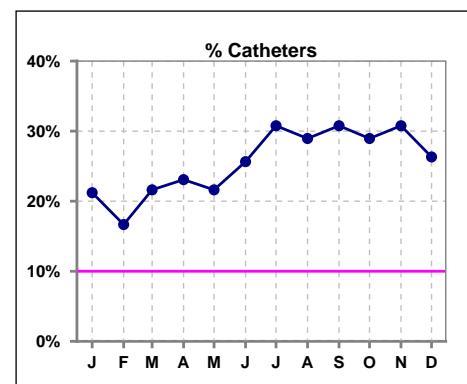
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Access	33	36	37	39	37	39	39	38	39	38	39	38
# Fistula	22	24	24	26	25	25	23	23	24	23	23	24
% Fistula	67%	67%	65%	67%	68%	64%	59%	61%	62%	61%	59%	63%

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Access	33	36	37	39	37	39	39	38	39	38	39	38
# Graft	4	6	5	4	4	4	4	4	3	4	4	4
% Graft	12%	17%	14%	10%	11%	10%	10%	11%	8%	11%	10%	11%

|	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Access	33	36	37	39	37	39	39	38	39	38	39	38
# Catheters	7	6	8	9	8	10	12	11	12	11	12	10
% Catheters	21%	17%	22%	23%	22%	26%	31%	29%	31%	29%	31%	26%

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.
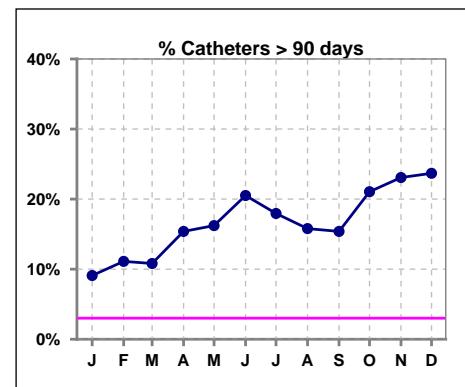
IV. ACCESS - CONT.
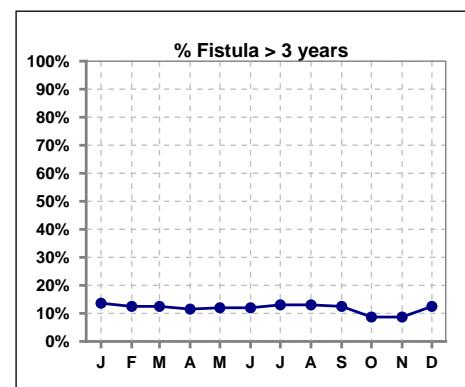
Catheters > 90 days

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Access	33	36	37	39	37	39	39	38	39	38	39	38
# Catheters	3	4	4	6	6	8	7	6	6	8	9	9
% Catheters	9%	11%	11%	15%	16%	21%	18%	16%	15%	21%	23%	24%

Definition: Catheter in use on last treatment of the month

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Fistula	22	24	24	26	25	25	23	23	24	23	23	24
# Fistula > 3 yrs	3	3	3	3	3	3	3	3	3	2	2	3
% Fistula > 3 yrs	14%	13%	13%	12%	12%	12%	13%	13%	13%	9%	9%	13%

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.
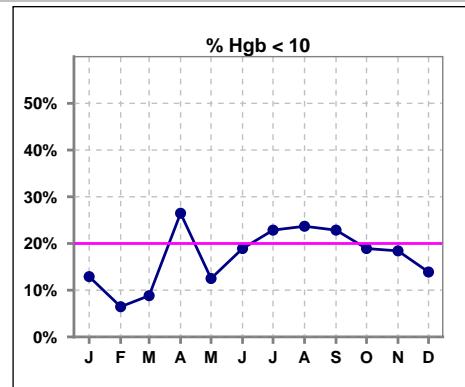
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V. ANEMIA
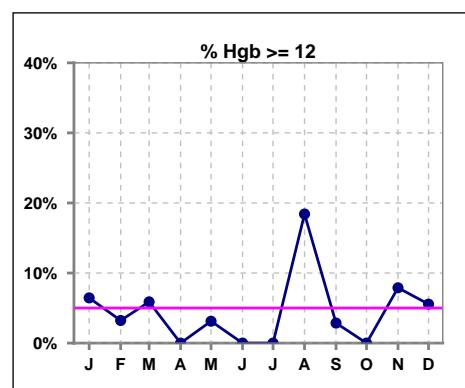
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hgb	31	31	34	34	32	37	35	38	35	37	38	36
# Hgb < 10	4	2	3	9	4	7	8	9	8	7	7	5
Pop. Mean	10.8	11.0	10.8	10.5	10.5	10.6	10.5	10.8	10.7	10.6	10.8	10.9
Std. Deviation	1.0	0.8	1.0	0.9	1.1	0.9	1.0	1.5	1.0	0.9	1.0	1.1
% Hgb < 10	13%	6%	9%	26%	13%	19%	23%	24%	23%	19%	18%	14%

Note: Excludes patients who received no ESA in month.
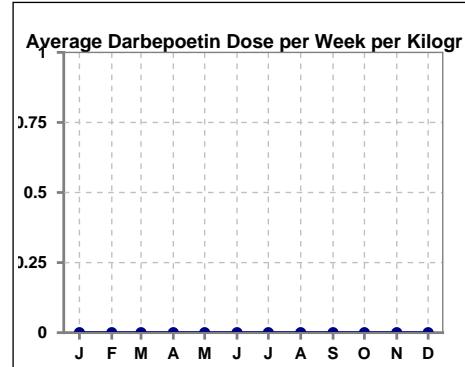
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hgb	31	31	34	34	32	37	35	38	35	37	38	36
# Hgb >= 12	2	1	2	0	1	0	0	7	1	0	3	2
Pop. Mean	10.8	11.0	10.8	10.5	10.5	10.6	10.5	10.8	10.7	10.6	10.8	10.9
Std. Deviation	1.0	0.8	1.0	0.9	1.1	0.9	1.0	1.5	1.0	0.9	1.0	1.1
% Hgb >= 12	6%	3%	6%	0%	3%	0%	0%	18%	3%	0%	8%	6%

Note: Excludes patients who received no ESA in month.

Average Darbepoetin Dose per Week per Kilogram

|	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Average Darbepoetin	0	0	0	0	0	0	0	0	0	0	0	0

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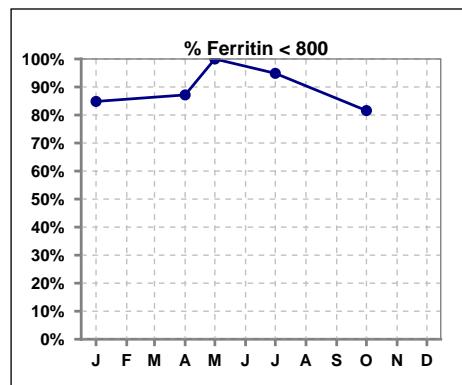
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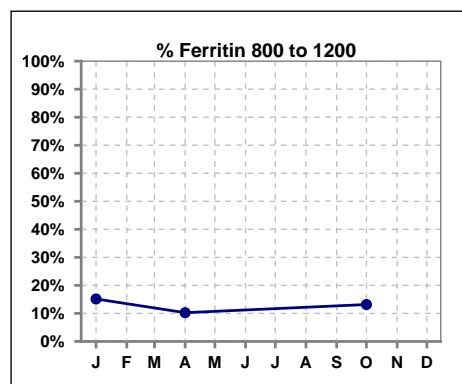
V. ANEMIA - CONT.

Iron Profile
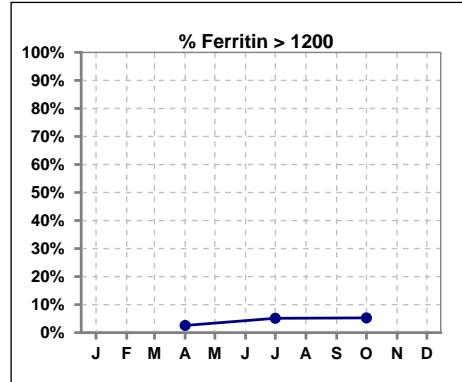
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Ferritin	33			39	2		39			38		
# Ferritin < 800	28			34	2		37			31		
Pop. Mean	517			479	49		563			537		
Std. Deviation	246			294	53		1004			331		
% Ferritin < 800	85%			87%	100%		95%			82%		

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Ferritin	33			39	2		39			38		
# Ferritin 800 to 1200	5			4						5		
Pop. Mean	517			479	49		563			537		
Std. Deviation	246			294	53		1004			331		
% Ferritin 800 to 1200	15%			10%						13%		

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Ferritin	33			39	2		39			38		
# Ferritin > 1200				1			2			2		
Pop. Mean	517			479	49		563			537		
Std. Deviation	246			294	53		1004			331		
% Ferritin > 1200				3%			5%			5%		

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.
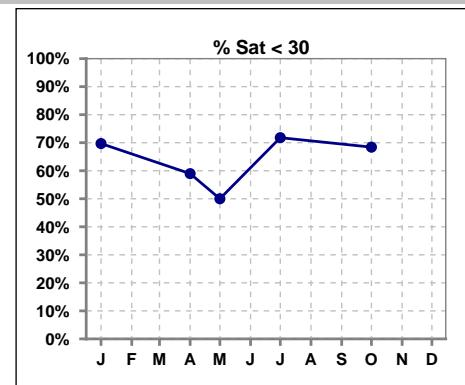
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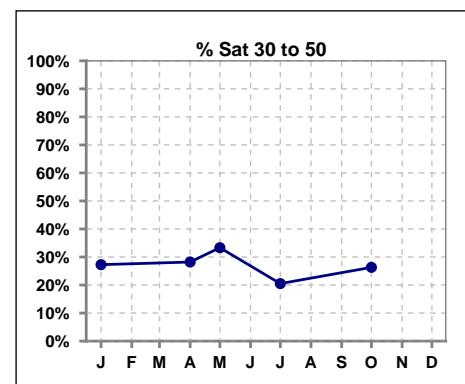
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V. ANEMIA - CONT.
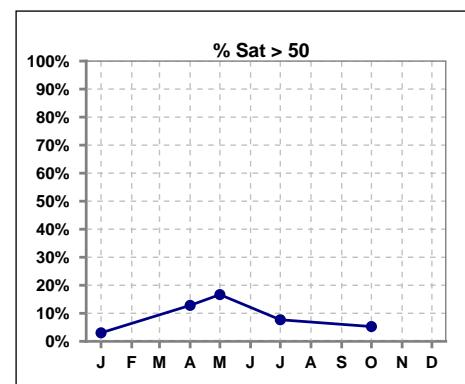
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# % Sat	33			39	6		39			38		
# % Sat < 30	23			23	3		28			26		
Pop. Mean	26			29	32		27			28		
Std. Deviation	9			14	21		14			14		
% % Sat < 30	70%			59%	50%		72%			68%		

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# % Sat	33			39	6		39			38		
# % Sat 30 to 50	9			11	2		8			10		
Pop. Mean	26			29	32		27			28		
Std. Deviation	9			14	21		14			14		
% % Sat 30 to 50	27%			28%	33%		21%			26%		

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# % Sat	33			39	6		39			38		
# % Sat > 50	1			5	1		3			2		
Pop. Mean	26			29	32		27			28		
Std. Deviation	9			14	21		14			14		
% % Sat > 50	3%			13%	17%		8%			5%		
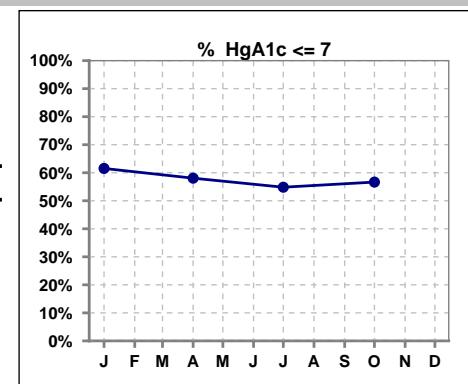
Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent result.

VI. Diabetes

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# HgA1c	26			31			31			30		
# HgA1c <= 7	16			18			17			17		
Pop. Mean	7.2			7.0			7.2			7.1		
Std. Deviation	1.82			1.51			1.71			1.44		
% HgA1c <= 7	62%			58%			55%			57%		

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.
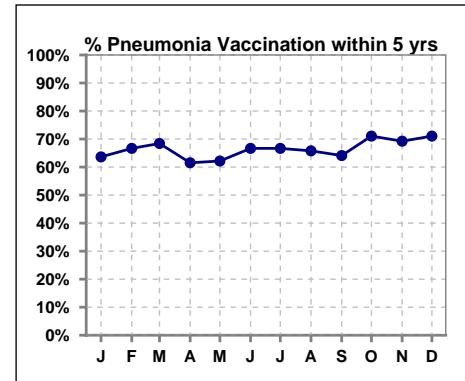
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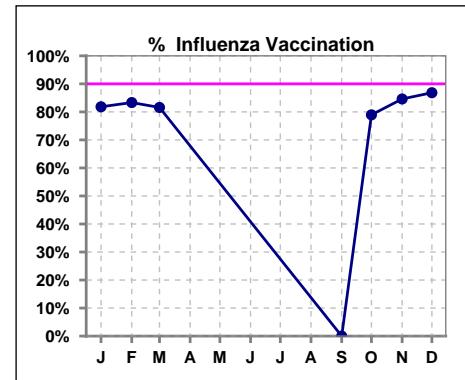
VII. Infection Control

Pneumonia vaccination within the past five years

|	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	33	36	38	39	37	39	39	38	39	38	39	38
# Pneumonia	21	24	26	24	23	26	26	25	25	27	27	27
% Pneumonia	64%	67%	68%	62%	62%	67%	67%	66%	64%	71%	69%	71%

% Pneumonia Vaccination within 5 yrs

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	33	36	38						39	38	39	38
# Influenza	27	30	31						0	30	33	33
% Influenza	82%	83%	82%						0%	79%	85%	87%

% Influenza Vaccination

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.
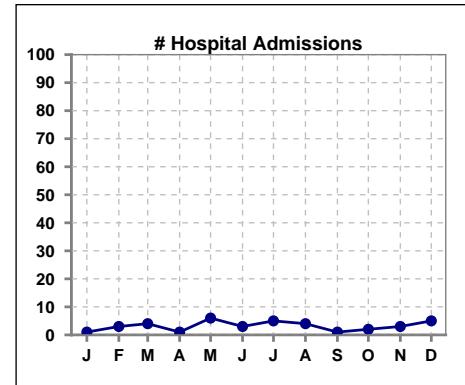
Federal Way West Kidney Center - Center Hemodialysis
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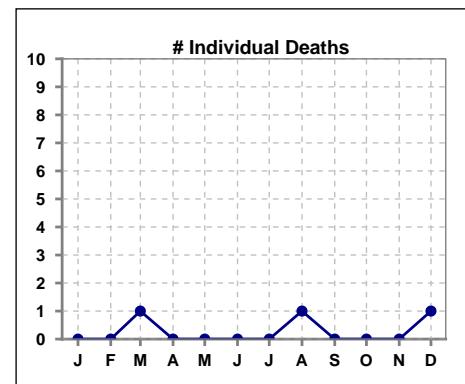
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VIII. Outcome measures
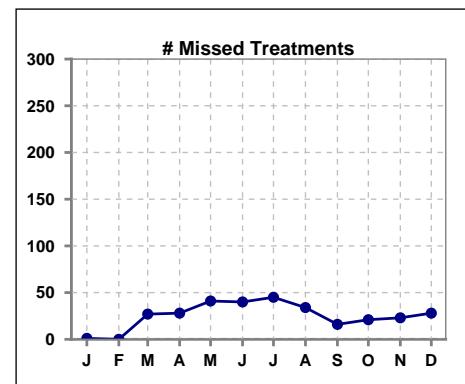
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Pateint	33	36	38	39	37	39	39	38	39	38	39	38
# Hospital Admissions	1	3	4	1	6	3	5	4	1	2	3	5
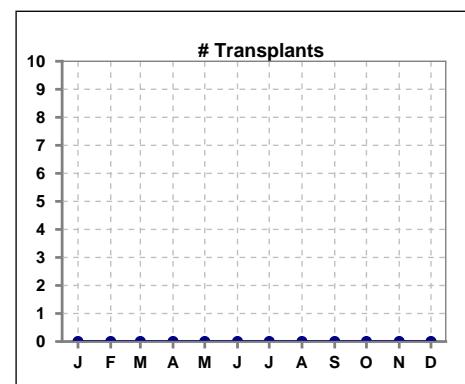
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	33	36	38	39	37	39	39	38	39	38	39	38
# Individual Deaths	0	0	1	0	0	0	0	1	0	0	0	1

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	33	36	38	39	37	39	39	38	39	38	39	38
# Missed Treatments	1	0	27	28	41	40	45	34	16	21	23	28

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	33	36	38	39	37	39	39	38	39	38	39	38
# Transplants	0	0	0	0	0	0	0	0	0	0	0	0

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.