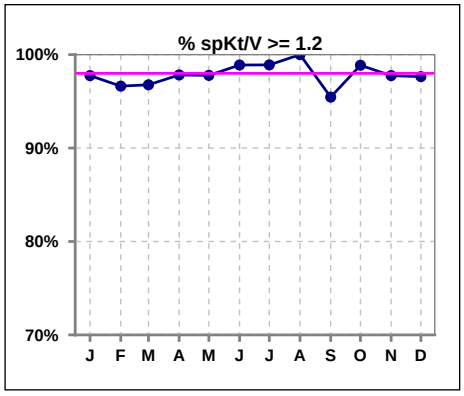
Lake City Kidney Center - Center Hemodialysis

Quality Assurance Reports

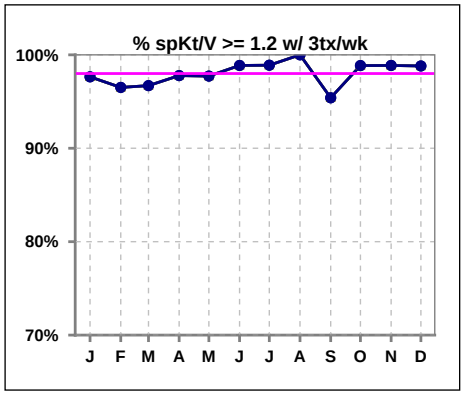
Through period ending Dec. 31, 2018

I. ADEQUACY OF DIALYSIS

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# spKt/V	89	89	93	92	90	90	91	90	88	88	89	85
# spKt/V >= 1.2	87	86	90	90	88	89	90	90	84	87	87	83
Pop. Mean	1.62	1.61	1.61	1.60	1.68	1.63	1.67	1.65	1.70	1.67	1.63	1.62
Std. Deviation	0.30	0.29	0.29	0.28	0.29	0.28	0.29	0.26	0.31	0.28	0.26	0.24
% spKt/V >= 1.2	98%	97%	97%	98%	98%	99%	99%	100%	95%	99%	98%	98%



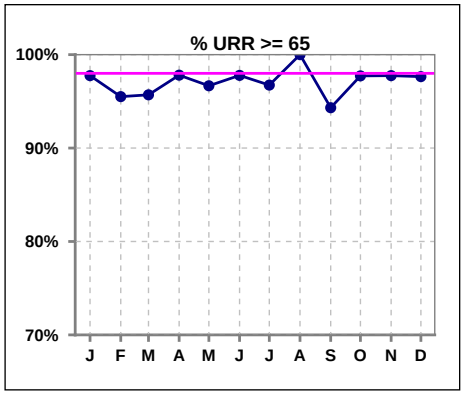
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# spKt/V w/ 3tx/wk	85	86	91	90	88	88	90	89	87	87	88	84
# spKt/V>=1.2 w/3tx/wk	83	83	88	88	86	87	89	89	83	86	87	83
Pop. Mean	1.62	1.62	1.61	1.60	1.68	1.63	1.67	1.66	1.70	1.67	1.63	1.62
Std. Deviation	0.31	0.29	0.29	0.28	0.29	0.28	0.29	0.26	0.31	0.28	0.26	0.23
% >=1.2 w/3tx/wk	98%	97%	97%	98%	98%	99%	99%	100%	95%	99%	99%	99%



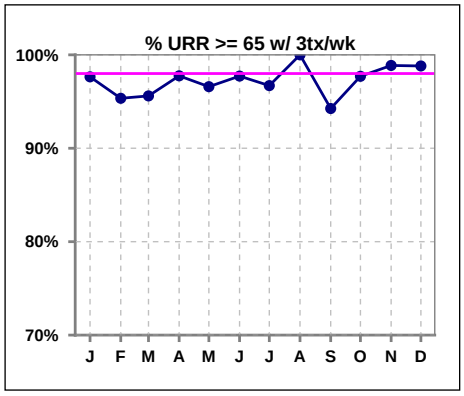
Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent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

I. ADEQUACY OF DIALYSIS - CONT.

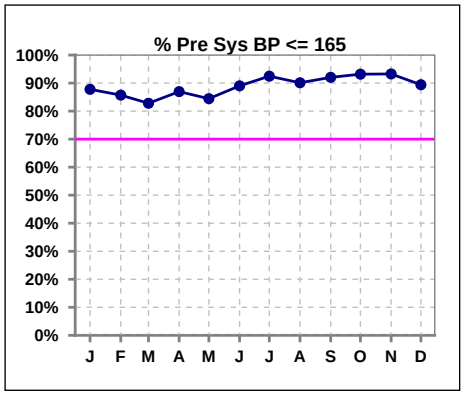
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# URR	89	89	93	91	90	90	92	90	88	88	89	85
# URR >= 65	87	85	89	89	87	88	89	90	83	86	87	83
Pop. Mean	75	75	75	75	76	75	76	76	77	76	75	75
Std. Deviation	5.98	5.88	6.14	5.51	5.73	5.53	5.80	5.01	6.80	5.58	5.16	4.98
% URR >= 65	98%	96%	96%	98%	97%	98%	97%	100%	94%	98%	98%	98%



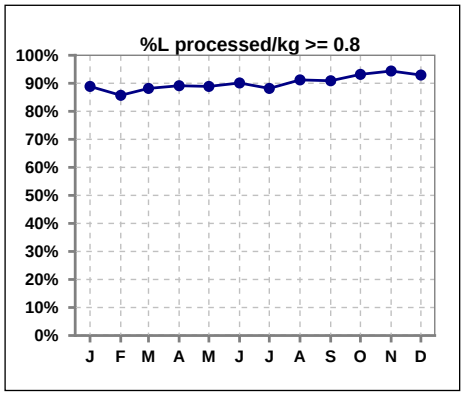
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# URR w/ 3tx/wk	85	86	91	89	88	88	91	89	87	87	88	84
# URR>=65 w/ 3tx/wk	83	82	87	87	85	86	88	89	82	85	87	83
Pop. Mean	75	75	75	75	76	75	76	76	77	76	76	75
Std. Deviation	6.07	5.88	6.16	5.54	5.77	5.54	5.72	4.93	6.77	5.55	4.97	4.78
% URR>=65 w/ 3tx/wk	98%	95%	96%	98%	97%	98%	97%	100%	94%	98%	99%	99%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Pre Sys BP	90	91	93	92	90	91	93	91	88	88	89	85
# Pre Sys BP <= 165	79	78	77	80	76	81	86	82	81	82	83	76
Pop. Mean	146	146	145	145	145	141	139	139	141	142	141	141
Std. Deviation	18.3	18.7	21.0	18.8	19.2	18.4	18.3	18.0	18.2	17.0	18.7	19.4
%Pre Sys BP <=165	88%	86%	83%	87%	84%	89%	92%	90%	92%	93%	93%	89%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# L processed/kg	90	91	93	92	90	91	93	91	88	88	89	85
# L processed/kg>=0.8	80	78	82	82	80	82	82	83	80	82	84	79
Pop. Mean	1	1	1	1	1	1	1	1	1	1	1	1
Std. Deviation	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
% L processed/kg>=0.8	89%	86%	88%	89%	89%	90%	88%	91%	91%	93%	94%	93%



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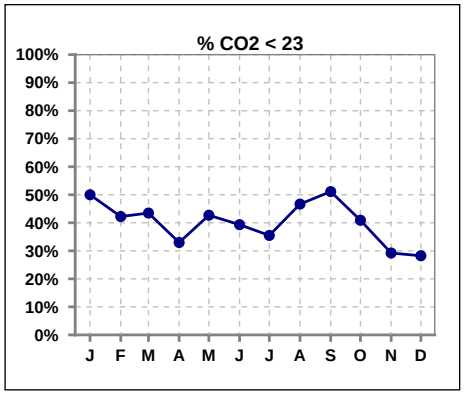
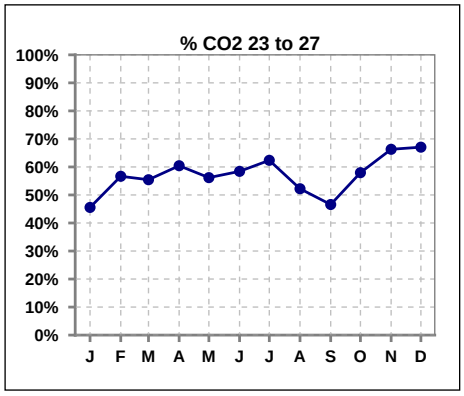
I. ADEQUACY OF DIALYSIS - CONT.

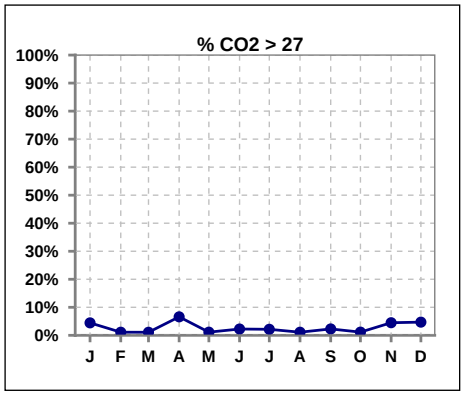
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# CO2	90	90	92	91	89	89	93	90	88	88	89	85
# CO2 < 23	45	38	40	30	38	35	33	42	45	36	26	24
Pop. Mean	22	23	22	23	23	23	23	23	23	23	24	24
Std. Deviation	2.78	2.30	2.59	3.12	2.16	2.19	2.35	2.55	2.14	2.32	2.16	2.87
% CO2 < 23	50%	42%	43%	33%	43%	39%	35%	47%	51%	41%	29%	28%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# CO2	90	90	92	91	89	89	93	90	88	88	89	85
# CO2 23 to 27	41	51	51	55	50	52	58	47	41	51	59	57
Pop. Mean	22	23	22	23	23	23	23	23	23	23	24	24
Std. Deviation	2.78	2.30	2.59	3.12	2.16	2.19	2.35	2.55	2.14	2.32	2.16	2.87
% CO2 23 to 27	46%	57%	55%	60%	56%	58%	62%	52%	47%	58%	66%	67%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# CO2	90	90	92	91	89	89	93	90	88	88	89	85
# CO2 > 27	4	1	1	6	1	2	2	1	2	1	4	4
Pop. Mean	22	23	22	23	23	23	23	23	23	23	24	24
Std. Deviation	2.78	2.30	2.59	3.12	2.16	2.19	2.35	2.55	2.14	2.32	2.16	2.87
% CO2 > 27	4%	1%	1%	7%	1%	2%	2%	1%	2%	1%	4%	5%



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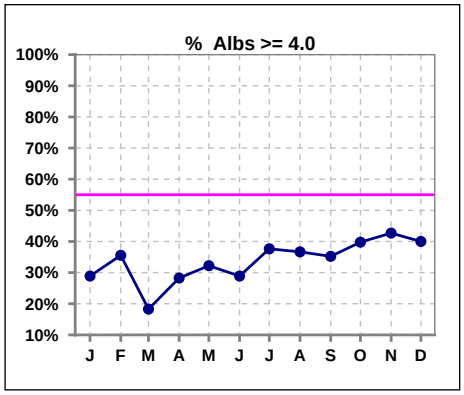
*Albumin values use BCG method - as of July 2001

II. NUTRITION

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Albumin	90	90	93	92	90	90	93	90	88	88	89	85
# Albumin >= 4.0	26	32	17	26	29	26	35	33	31	35	38	34
Pop. Mean	3.7	3.8	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.9	3.9	3.8
Std. Deviation	0.39	0.41	0.39	0.34	0.33	0.33	0.36	0.36	0.36	0.33	0.33	0.37
% Alb >= 4.0	29%	36%	18%	28%	32%	29%	38%	37%	35%	40%	43%	40%



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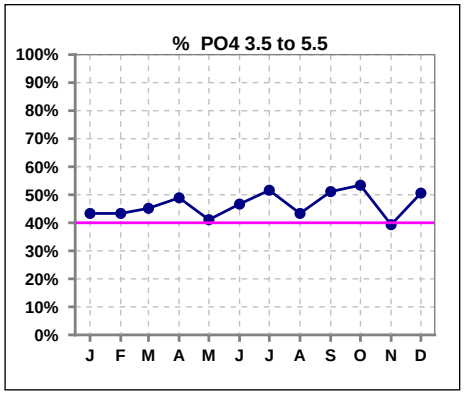
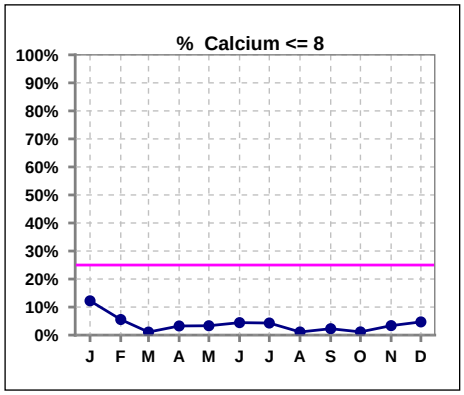
Lab methodology for PTH changed January 2012

III. OSTEODYSTROPHY

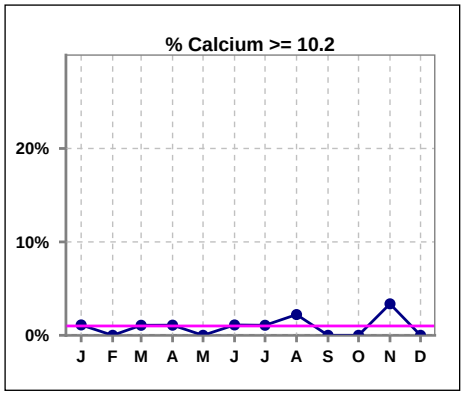
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PO4	90	90	93	92	90	90	93	90	88	88	89	85
# PO4 3.5 to 5.5	39	39	42	45	37	42	48	39	45	47	35	43
Pop. Mean	5.8	6.0	5.8	5.8	5.9	5.8	5.9	6.0	5.9	6.0	5.8	5.7
Std. Deviation	1.81	2.19	2.03	1.97	1.90	1.69	1.76	1.73	1.75	1.87	1.36	1.56
% PO4 3.5 to 5.5	43%	43%	45%	49%	41%	47%	52%	43%	51%	53%	39%	51%



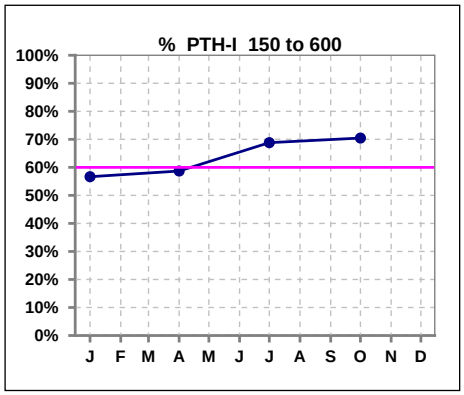
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Calcium	90	90	93	92	90	90	93	90	88	88	89	85
# Calcium <= 8	11	5	1	3	3	4	4	1	2	1	3	4
Pop. Mean	9.1	9.2	9.1	9.2	9.2	9.3	9.3	9.4	9.3	9.3	9.4	9.3
Std. Deviation	0.76	0.62	0.60	0.62	0.66	0.66	0.65	0.60	0.62	0.56	0.66	0.64
% Calcium <= 8	12%	6%	1%	3%	3%	4%	4%	1%	2%	1%	3%	5%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Calcium	90	90	93	92	90	90	93	90	88	88	89	85
# Calcium >= 10.2	1	0	1	1	0	1	1	2	0	0	3	0
Pop. Mean	9.1	9.2	9.1	9.2	9.2	9.3	9.3	9.4	9.3	9.3	9.4	9.3
Std. Deviation	0.76	0.62	0.60	0.62	0.66	0.66	0.65	0.60	0.62	0.56	0.66	0.64
% Calcium >= 10.2	1%	0%	1%	1%	0%	1%	1%	2%	0%	0%	3%	0%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PTH-I	90			92			93			88		
# PTH-I 150 to 600	51			54			64			62		
Pop. Mean	563			444			441			460		
Std. Deviation	459			354			332			451		
% PTH-I 150 to 600	57%			59%			69%			70%		



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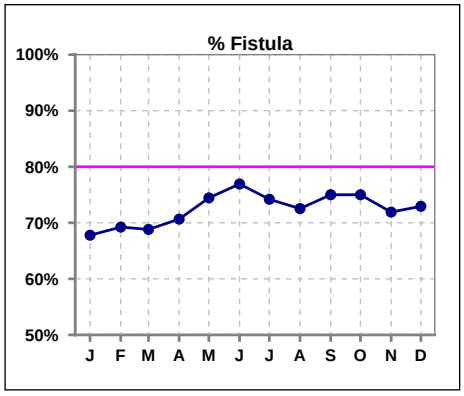
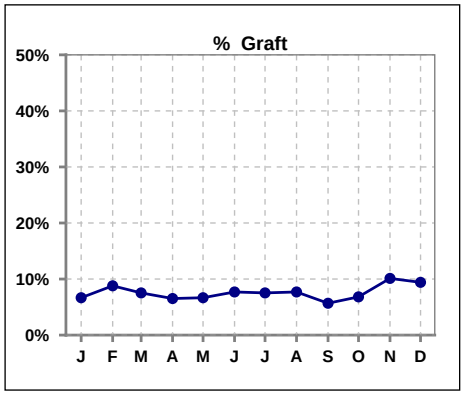
IV. ACCESS

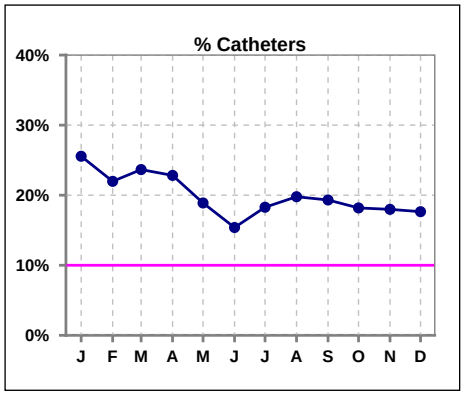
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Access	90	91	93	92	90	91	93	91	88	88	89	85
# Fistula	61	63	64	65	67	70	69	66	66	66	64	62
% Fistula	68%	69%	69%	71%	74%	77%	74%	73%	75%	75%	72%	73%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Access	90	91	93	92	90	91	93	91	88	88	89	85
# Graft	6	8	7	6	6	7	7	7	5	6	9	8
% Graft	7%	9%	8%	7%	7%	8%	8%	8%	6%	7%	10%	9%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Access	90	91	93	92	90	91	93	91	88	88	89	85
# Catheters	23	20	22	21	17	14	17	18	17	16	16	15
% Catheters	26%	22%	24%	23%	19%	15%	18%	20%	19%	18%	18%	18%



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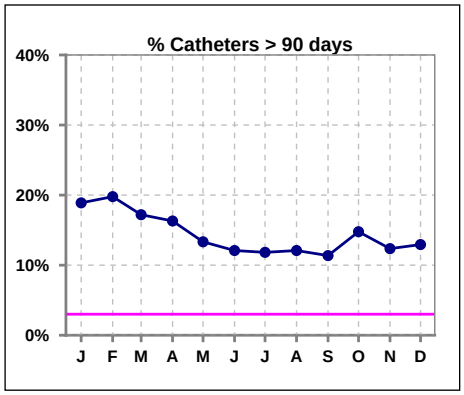
IV. ACCESS - CONT.

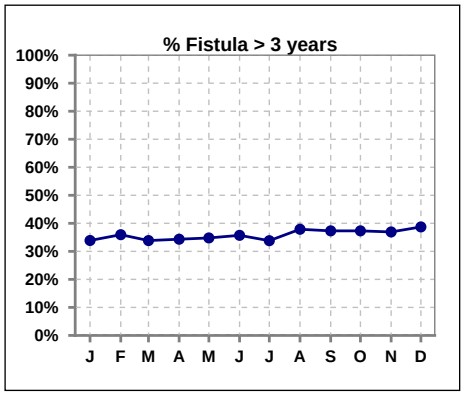
Catheters > 90 days

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Access	90	91	93	92	90	91	93	91	88	88	89	85
# Catheters	17	18	16	15	12	11	11	11	10	13	11	11
% Catheters	19%	20%	17%	16%	13%	12%	12%	12%	11%	15%	12%	13%



Definition: Catheter in use on last treatment of the month

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Fistula	62	64	65	67	69	70	71	66	67	67	65	62
# Fistula > 3 yrs	21	23	22	23	24	25	24	25	25	25	24	24
% Fistula > 3 yrs	34%	36%	34%	34%	35%	36%	34%	38%	37%	37%	37%	39%



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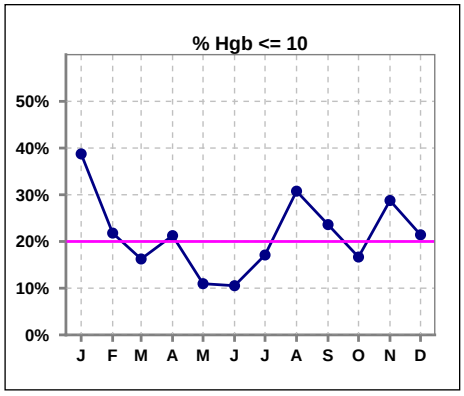
V. ANEMIA

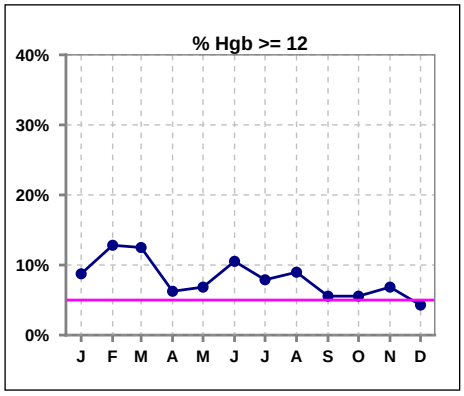
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hgb	80	78	80	80	73	76	76	78	72	72	73	70
# Hgb <= 10	31	17	13	17	8	8	13	24	17	12	21	15
Pop. Mean	10.4	10.8	10.7	10.6	10.7	10.9	10.6	10.5	10.5	10.6	10.4	10.5
Std. Deviation	1.2	1.0	1.0	1.1	0.9	0.9	1.0	1.1	1.0	0.9	1.2	1.1
% Hgb <= 10	39%	22%	16%	21%	11%	11%	17%	31%	24%	17%	29%	21%

Note: Excludes patients who received no ESA in month.



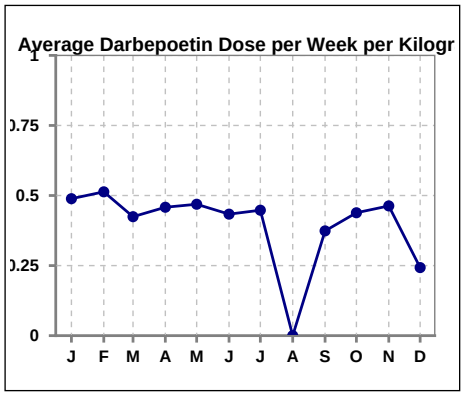
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hgb	80	78	80	80	73	76	76	78	72	72	73	70
# Hgb >= 12	7	10	10	5	5	8	6	7	4	4	5	3
Pop. Mean	10.4	10.8	10.7	10.6	10.7	10.9	10.6	10.5	10.5	10.6	10.4	10.5
Std. Deviation	1.2	1.0	1.0	1.1	0.9	0.9	1.0	1.1	1.0	0.9	1.2	1.1
% Hgb >= 12	9%	13%	13%	6%	7%	11%	8%	9%	6%	6%	7%	4%

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	.5	.5	.4	.5	.5	.4	.4	0	.4	.4	.5	.2



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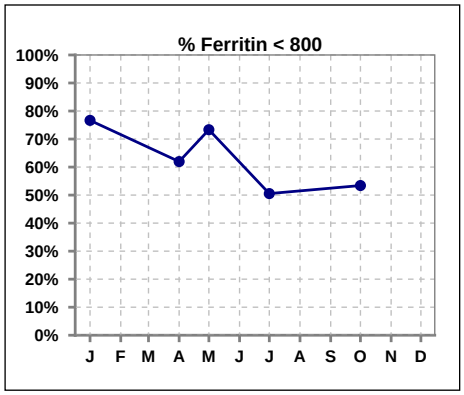
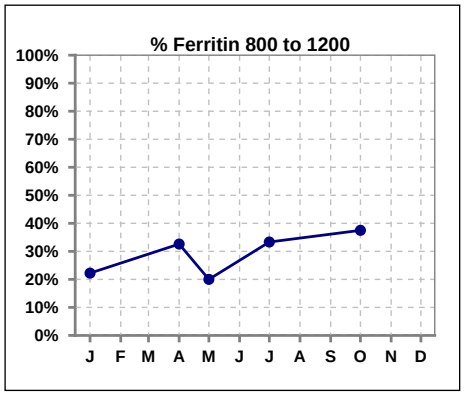
V. ANEMIA - CONT.

Iron Profile

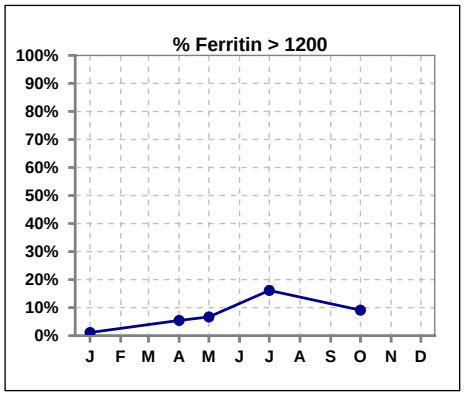
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Ferritin	90			92	15		93			88		
# Ferritin < 800	69			57	11		47			47		
Pop. Mean	595			716	702		894			807		
Std. Deviation	261			346	243		825			642		
% Ferritin < 800	77%			62%	73%		51%			53%		



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Ferritin	90			92	15		93			88		
# Ferritin 800 to 1200	20			30	3		31			33		
Pop. Mean	595			716	702		894			807		
Std. Deviation	261			346	243		825			642		
% Ferritin 800 to 1200	22%			33%	20%		33%			38%		



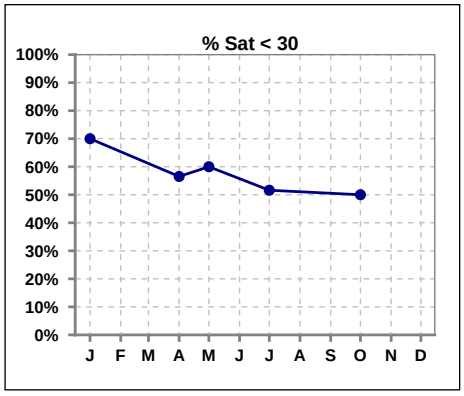
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Ferritin	90			92	15		93			88		
# Ferritin > 1200	1			5	1		15			8		
Pop. Mean	595			716	702		894			807		
Std. Deviation	261			346	243		825			642		
% Ferritin > 1200	1%			5%	7%		16%			9%		



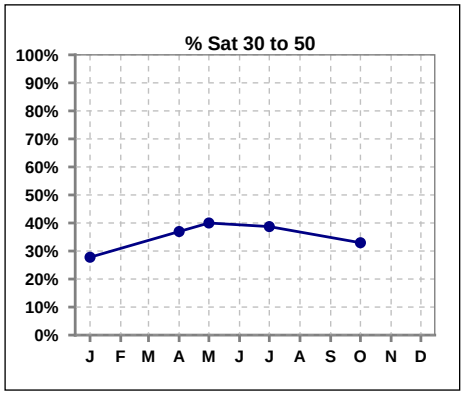
Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent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

V. ANEMIA - CONT.

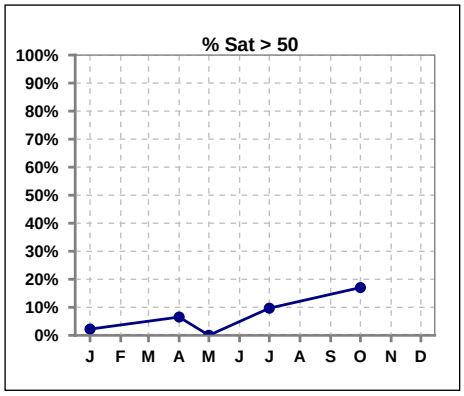
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# % Sat	90			92	15		93			88		
# % Sat < 30	63			52	9		48			44		
Pop. Mean	27			31	28		31			35		
Std. Deviation	11			15	12		16			19		
% % Sat < 30	70%			57%	60%		52%			50%		



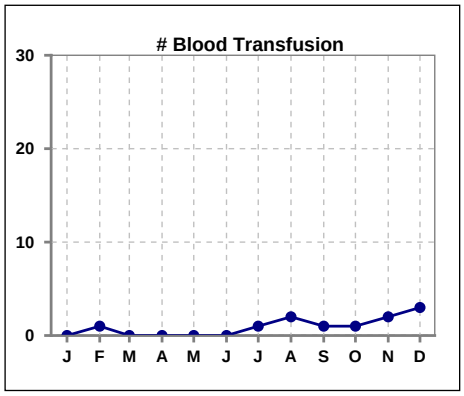
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# % Sat	90			92	15		93			88		
# % Sat 30 to 50	25			34	6		36			29		
Pop. Mean	27			31	28		31			35		
Std. Deviation	11			15	12		16			19		
% % Sat 30 to 50	28%			37%	40%		39%			33%		



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# % Sat	90			92	15		93			88		
# % Sat > 50	2			6	0		9			15		
Pop. Mean	27			31	28		31			35		
Std. Deviation	11			15	12		16			19		
% % Sat > 50	2%			7%	0%		10%			17%		



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	90	91	93	92	90	92	93	91	88	88	89	85
# Blood Transfusion	0	1	0	0	0	0	1	2	1	1	2	3



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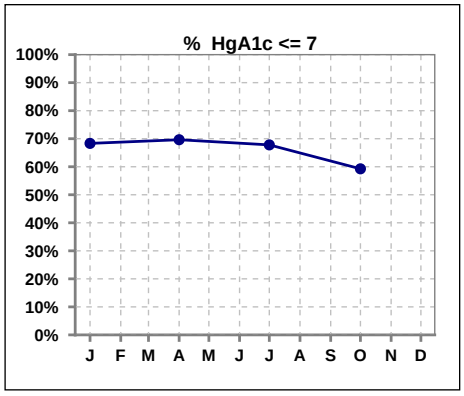
VI. Diabetes

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# HgA1c	60			56			59			54		
# HgA1c <= 7	41			39			40			32		
Pop. Mean	6.9			6.7			6.8			6.9		
Std. Deviation	1.39			1.10			1.22			1.36		
% HgA1c <= 7	68%			70%			68%			59%		

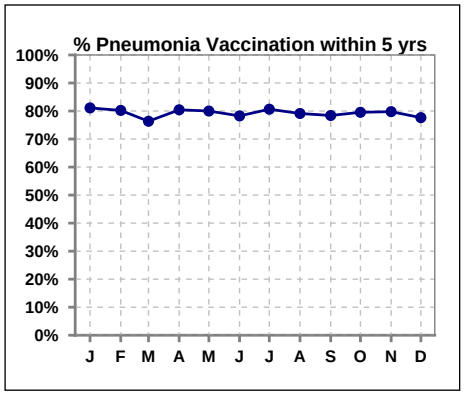


Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent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

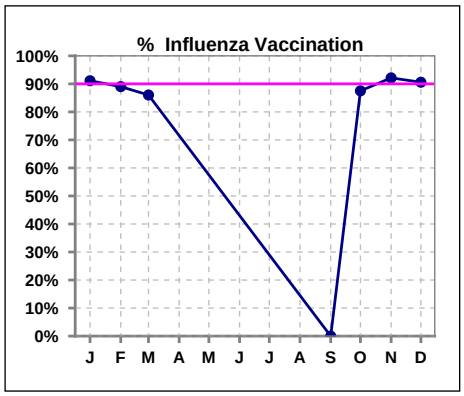
VII. Infection Control

Pneumonia vaccination within the past five years

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	90	91	93	92	90	92	93	91	88	88	89	85
# Pneumonia	73	73	71	74	72	72	75	72	69	70	71	66
% Pneumonia	81%	80%	76%	80%	80%	78%	81%	79%	78%	80%	80%	78%



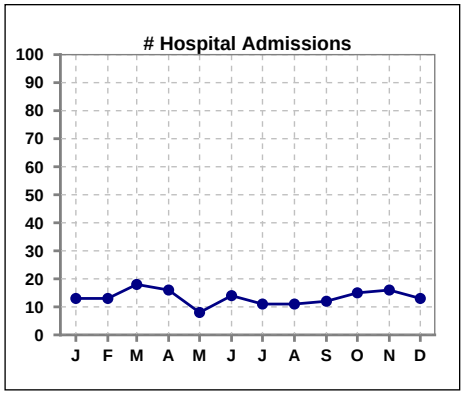
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	90	91	93						88	88	89	85
# Influenza	82	81	80						0	77	82	77
% Influenza	91%	89%	86%						0%	88%	92%	91%



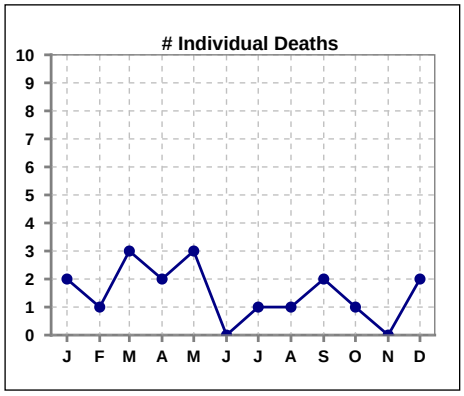
Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent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

VIII. Outcome measures

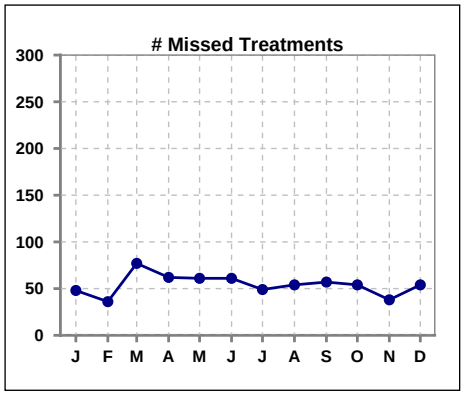
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Pateint	90	91	93	92	90	92	93	91	88	88	89	85
# Hospital Admissions	13	13	18	16	8	14	11	11	12	15	16	13



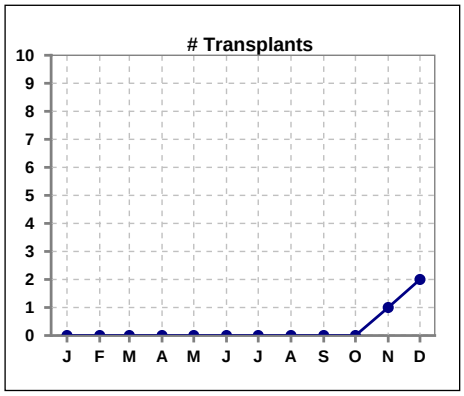
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	90	91	93	92	90	92	93	91	88	88	89	85
# Individual Deaths	2	1	3	2	3	0	1	1	2	1	0	2



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	90	91	93	92	90	92	93	91	88	88	89	85
# Missed Treatments	48	36	77	62	61	61	49	54	57	54	38	54



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	90	91	93	92	90	92	93	91	88	88	89	85
# Transplants	0	0	0	0	0	0	0	0	0	0	1	2



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