

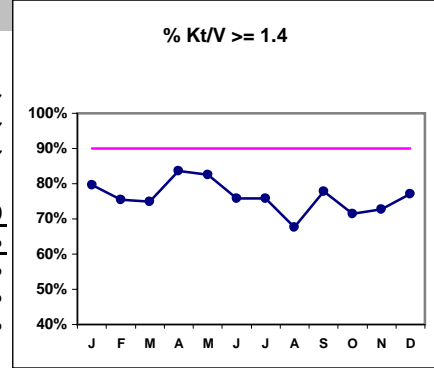
Cascade Kidney Center - Center Hemodialysis

Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)

Through period ending December 31, 2003

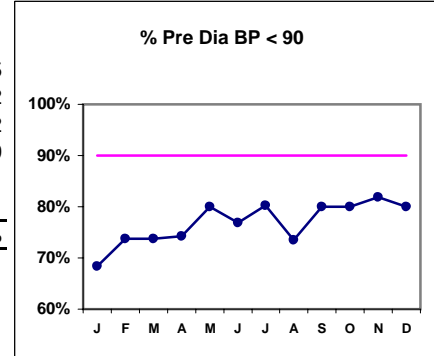
I. ADEQUACY OF DIALYSIS

	J	F	M	A	M	J	J	A	S	O	N	D
# Kt/V	59	61	60	61	63	62	66	68	63	63	66	61
# Kt/V >= 1.4	47	46	45	51	52	47	50	46	49	45	48	47
Pop. Mean =	1.74	1.59	1.56	1.64	1.61	1.6	1.63	1.54	1.56	1.52	1.66	1.57
Std. Deviation =	0.51	0.40	0.25	0.35	0.27	0.33	0.52	0.35	0.30	0.23	0.46	0.27
Network Mean =	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61
Natl. Mean 1999 =	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40
% Kt/V >= 1.4	80%	75%	75%	84%	83%	76%	76%	68%	78%	71%	73%	77%
% Kt/V > 1.2	95%	90%	93%	92%	94%	90%	89%	88%	92%	92%	94%	93%
Network > 1.2 '00	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%
Natl. % > 1.2 - 2001	91%	91%	91%	91%	91%	91%	91%	91%	91%	91%	91%	91%

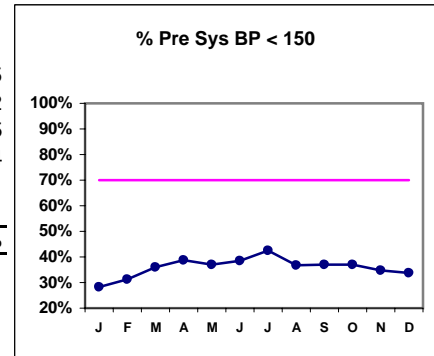


Blood Pressure Control (Pre)

# Pre Dia BP	60	61	61	62	65	65	66	68	65	65	66	65
# Pre Dia BP < 90	41	45	45	46	52	50	53	50	52	52	54	52
Pop. Mean =	83	82	82	82	81	82	78	81	81	80	80	82
Std. Deviation =	12.8	15.9	16.5	14	13	16.9	13.4	14.8	14.7	13.1	13.7	19
Network Mean =												
Natl. Mean =												
% Pre Dia BP < 90	68%	74%	74%	74%	80%	77%	80%	74%	80%	80%	82%	80%



# Pre Sys BP	60	61	61	62	65	65	66	68	65	65	66	65
# Pre Sys BP < 150	17	19	22	24	24	25	28	25	24	24	23	22
Pop. Mean =	160	158	155	155	156	154	151	154	155	154	154	155
Std. Deviation =	23.5	23.4	24.2	22.3	20.5	21.5	21.8	20.5	19.4	20.4	21.2	20.4
Network Mean =												
Natl. Mean =												
% Pre Sys BP < 150	28%	31%	36%	39%	37%	38%	42%	37%	37%	37%	35%	34%



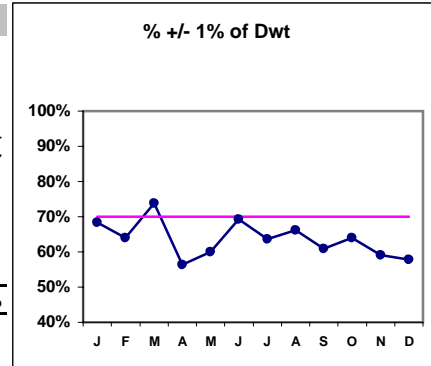
*Methodology: a) Monthly values based on patient's monthly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.

Cascade Kidney Center - Center Hemodialysis

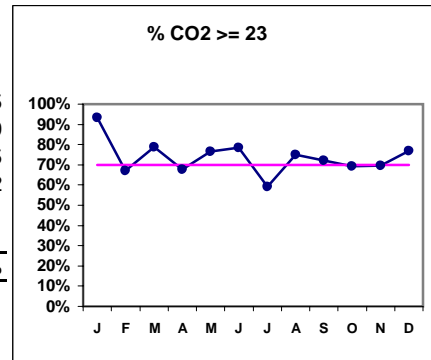
Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)
Through period ending December 31, 2003

I. ADEQUACY OF DIALYSIS - CONT.

	J	F	M	A	M	J	J	A	S	O	N	D
# Post/Dwt	60	61	61	62	65	65	66	68	64	64	66	64
# +/- 1% of Dwt	41	39	45	35	39	45	42	45	39	41	39	37
% +/- 1% of Dwt	68%	64%	74%	56%	60%	69%	64%	66%	61%	64%	59%	58%



# CO2	60	61	61	62	64	65	66	68	65	65	66	65
# CO2 >= 23	56	41	48	42	49	51	39	51	47	45	46	50
Pop. Mean =	26	24	24	24	24	24	23	24	24	24	24	25
Std. Deviation =	2.60	3.35	2.99	3.14	4.21	2.92	2.92	2.94	3.23	3.15	3.23	3.32
Network Mean =												
Natl. Mean =												
% CO2 >= 23	93%	67%	79%	68%	77%	78%	59%	75%	72%	69%	70%	77%



*Methodology: a) Monthly values based on patient's monthly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.

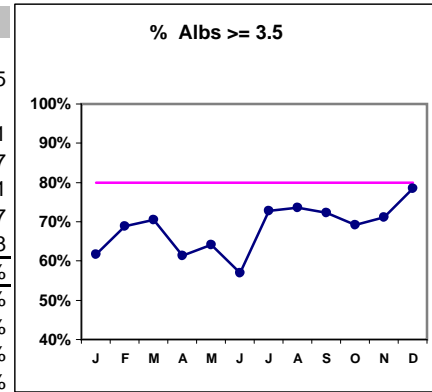
Cascade Kidney Center - Center Hemodialysis
 Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)
 Through period ending December 31, 2003

*Albumin values use BCG method - as of July 2001

II. NUTRITION

	J	F	M	A	M	J	J	A	S	O	N	D
# Albumin	60	61	61	62	64	65	66	68	65	65	66	65
# Albumin >= 3.5	37	42	43	38	41	37	48	50	47	45	47	51
Pop. Mean =	3.6	3.7	3.6	3.5	3.5	3.5	3.6	3.7	3.7	3.6	3.7	3.7
Std. Deviation =	0.36	0.4	0.37	0.42	0.37	0.37	0.39	0.41	0.38	0.34	0.42	0.41
*Network Mean =	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Natl. Mean =	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
% Alb >= 3.5	62%	69%	70%	61%	64%	57%	73%	74%	72%	69%	71%	78%
CKC % >= 3.7	47%	56%	48%	39%	39%	38%	55%	53%	57%	48%	56%	63%
CKC % >= 4.0	20%	21%	16%	15%	11%	3%	21%	22%	23%	17%	30%	28%
*Natl % >= 3.5-BCG	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%
*Natl. % >= 4.0-BCG	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%
*Netwk%>=3.5 BCG	79%	79%	79%	79%	79%	79%	79%	79%	79%	79%	79%	79%
*Netwk%>=4.0 BCG	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%

*Figures for 2000



*Methodology: a) Monthly values based on patient's monthly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.

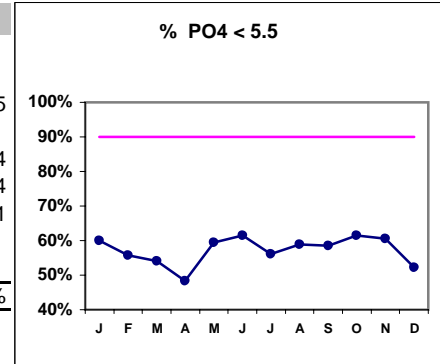
Cascade Kidney Center - Center Hemodialysis

Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)

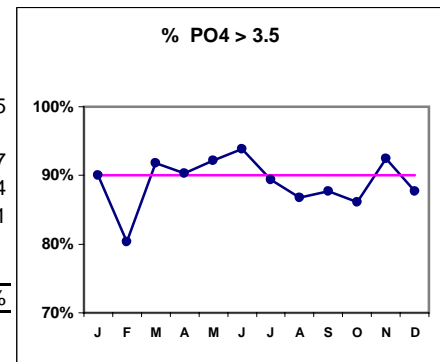
Through period ending December 31, 2003

III. OSTEODYSTROPHY

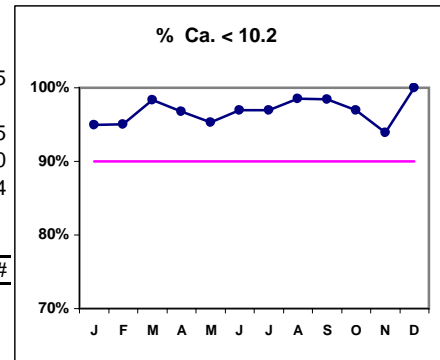
	J	F	M	A	M	J	J	A	S	O	N	D
# PO4	60	61	61	62	64	65	66	68	65	65	66	65
# PO4 < 5.5	36	34	33	30	38	40	37	40	38	40	40	34
Pop. Mean =	5.3	5.2	5.6	5.6	5.3	5.3	5.4	5.0	5.1	5.1	5.3	5.4
Std. Deviation	1.9	1.62	1.68	1.57	1.49	1.38	1.58	1.33	1.31	1.41	1.42	1.51
Network Mean =												
Natl. Mean =												
% PO4 < 5.5	60%	56%	54%	48%	59%	62%	56%	59%	58%	62%	61%	52%



# PO4	60	61	61	62	64	65	66	68	65	65	66	65
# PO4 > 3.5	54	49	56	56	59	61	59	59	57	56	61	57
Pop. Mean =	5.3	5.2	5.6	5.6	5.3	5.3	5.4	5.0	5.1	5.1	5.3	5.4
Std. Deviation	1.9	1.62	1.68	1.57	1.49	1.38	1.58	1.33	1.31	1.41	1.42	1.51
Network Mean =												
Natl. Mean =												
% PO4 > 3.5	90%	80%	92%	90%	92%	94%	89%	87%	88%	86%	92%	88%



# Calcium	60	61	61	62	64	65	66	68	65	65	66	65
# Calcium < 10.2	57	58	60	60	61	63	64	67	64	63	62	65
Pop. Mean =	9.0	9.0	8.9	8.9	8.9	8.9	8.8	9.0	8.9	8.9	9.0	9.0
Std. Deviation	0.96	0.92	0.78	0.85	0.72	0.74	0.85	0.72	0.9	0.81	0.9	0.74
Network Mean =												
Natl. Mean =												
% Ca < 10.2	95%	95%	98%	97%	95%	97%	97%	99%	98%	97%	94%	###



*Methodology: a) Monthly values based on patient's monthly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.

Cascade Kidney Center - Center Hemodialysis

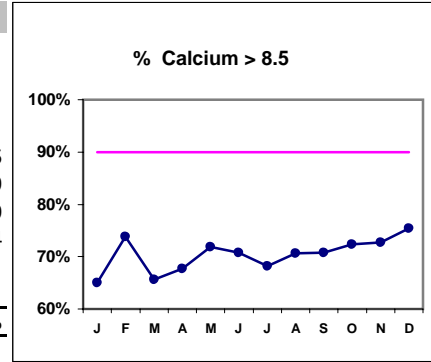
Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)

Through period ending December 31, 2003

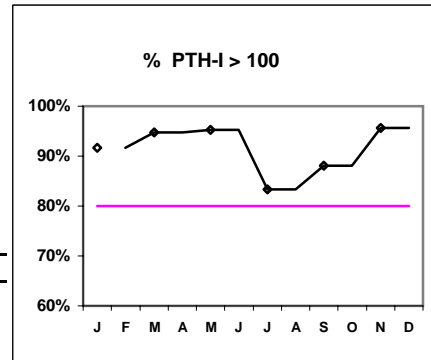
III. OSTEODYSTROPHY - CONT.

J F M A M J J A S O N D

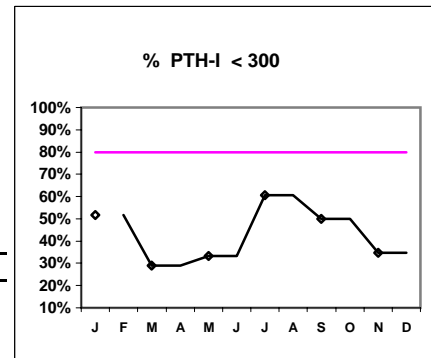
# Calcium	60	61	61	62	64	65	66	68	65	65	66	65
# Calcium > 8.5	39	45	40	42	46	46	45	48	46	47	48	49
Pop. Mean =	9.0	9.0	8.9	8.9	8.9	8.9	8.8	9.0	8.9	8.9	9.0	9.0
Std. Deviation =	0.96	0.92	0.78	0.85	0.72	0.74	0.85	0.72	0.9	0.81	0.9	0.74
Network Mean =												
Natl. Mean =												
% Calcium > 8.5	65%	74%	66%	68%	72%	71%	68%	71%	71%	72%	73%	75%



# PTH-I	60	38	42	66	42	46
# PTH-I > 100	55	36	40	55	37	44
Pop. Mean =	437	583	579	445	335	568
Std. Deviation =	478	488	532	565	534	546
Network Mean =						
Natl. Mean =						
% PTH-I > 100	92%	95%	95%	83%	88%	96%



# PTH-I	60	38	42	66	42	46
# PTH-I < 300	31	11	14	40	21	16
Pop. Mean =	437	583	579	445	335	568
Std. Deviation =	478	488	532	565	534	546
Network Mean =						
Natl. Mean =						
% PTH-I < 300	52%	29%	33%	61%	50%	35%



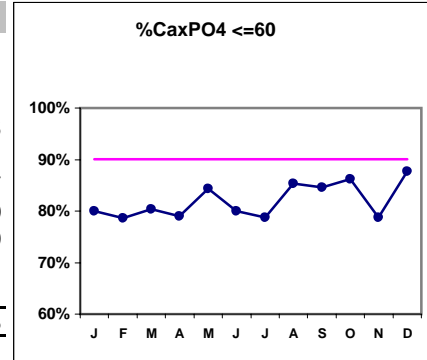
*Methodology: a) Monthly values based on patient's monthly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.

Cascade Kidney Center - Center Hemodialysis

Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)
Through period ending December 31, 2003

III. OSTEODYSTROPHY - CONT.

	J	F	M	A	M	J	J	A	S	O	N	D
# Ca x PO4	60	61	61	62	64	65	66	68	65	65	66	65
# Ca x PO4 <= 60	48	48	49	49	54	52	52	58	55	56	52	57
Pop. Mean =	47.2	47.2	49.8	49.5	47.6	47.2	48.1	45.4	45.6	45.3	47.3	48.0
Std. Deviation =	15.1	15.8	16.4	14.3	13.9	13.3	14.4	13.1	12.3	13.3	13.6	12.9
Network Mean =												
Natl. Mean =												
CaxPO4 <= 60	80%	79%	80%	79%	84%	80%	79%	85%	85%	86%	79%	88%



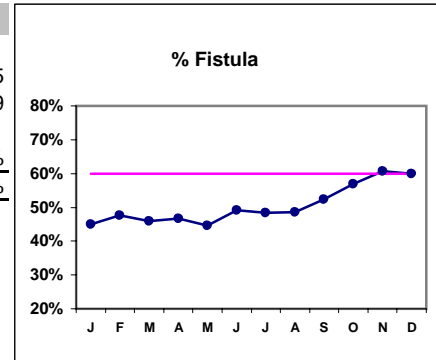
*Methodology: a) Monthly values based on patient's monthly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.

Cascade Kidney Center - Center Hemodialysis

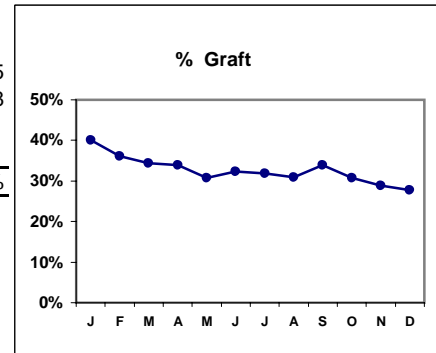
Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)
Through period ending December 31, 2003

IV. ACCESS

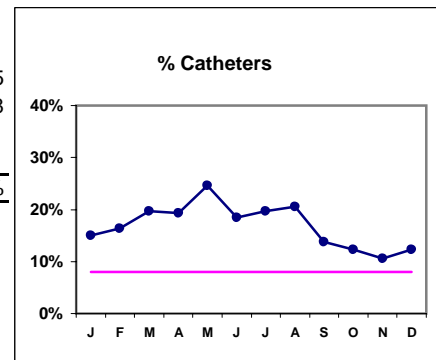
	J	F	M	A	M	J	J	A	S	O	N	D
# Access	60	61	61	62	65	65	66	68	65	65	66	65
# Fistula	27	29	28	29	29	32	32	33	34	37	40	39
Network %												
Natl. % - 2000	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%
% Fistula	45%	48%	46%	47%	45%	49%	48%	49%	52%	57%	61%	60%



# Access	60	61	61	62	65	65	66	68	65	65	66	65
# Graft	24	22	21	21	20	21	21	21	22	20	19	18
Network %												
Natl. %												
% Graft	40%	36%	34%	34%	31%	32%	32%	31%	34%	31%	29%	28%



# Access	60	61	61	62	65	65	66	68	65	65	66	65
# Catheters	9	10	12	12	16	12	13	14	9	8	7	8
Network %												
Natl. %												
% Other	15%	16%	20%	19%	25%	18%	20%	21%	14%	12%	11%	12%



*Methodology: a) Monthly values based on patient's monthly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.

Cascade Kidney Center - Center Hemodialysis

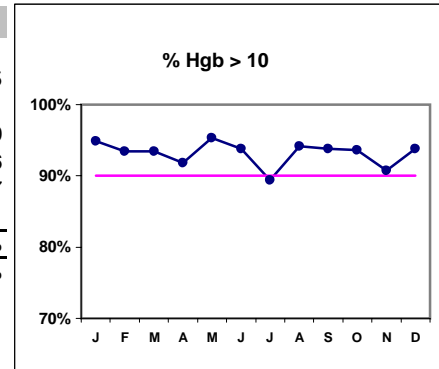
Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)

Through period ending December 31, 2003

V. ANEMIA

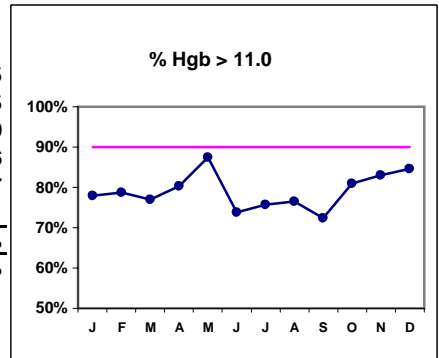
	J	F	M	A	M	J	J	A	S	O	N	D
# Hgb	59	61	61	61	64	65	66	68	65	63	65	65
# Hgb > 10.0	56	57	57	56	61	61	59	64	61	59	59	61
Pop. Mean =	11.7	12	11.9	12.1	12.2	12	12.1	12	11.8	11.9	11.9	12.0
Std. Deviation =	1.19	1.3	1.29	1.26	1.24	1.52	1.53	1.33	1.22	1.24	1.31	1.16
*Network Mean =	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
Natl. Mean =												
% Hgb > 10.0	95%	93%	93%	92%	95%	94%	89%	94%	94%	94%	91%	94%
*% Network >= 10	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%

*Figures for 2000



# Hgb	59	61	61	61	64	65	66	68	65	63	65	65
# Hgb > 11.0	46	48	47	49	56	48	50	52	47	51	54	55
Pop. Mean =	11.7	12	11.9	12.1	12.2	12	12.1	12	11.8	11.9	11.9	12.0
Std. Deviation =	1.19	1.3	1.29	1.26	1.24	1.52	1.53	1.33	1.22	1.24	1.31	1.16
*Network Mean =	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
Natl. Mean =												
% Hgb > 11.0	78%	79%	77%	80%	88%	74%	76%	76%	72%	81%	83%	85%
*% Network >= 11	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%

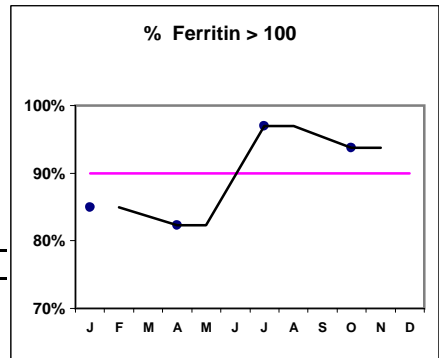
*Figures for 2000



Iron Profile

# Ferritin	60	62	66	64
# Ferritin > 100	51	51	64	60
Pop. Mean =	331	424	503	489
Std. Deviation =	236	344	348	323
*Network Mean =	489	489	489	489
Natl. Mean =				
% Ferritin > 100	85%	82%	97%	94%
*% Network > 100	88%	88%	88%	88%

*Figures for 2000



*Methodology: a) Monthly values based on patient's monthly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.

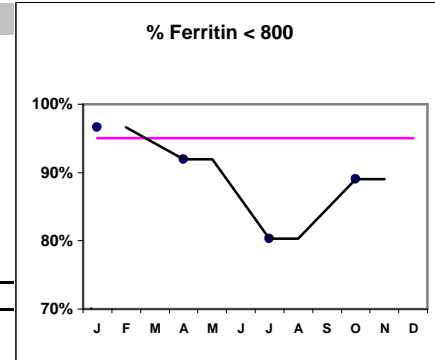
Cascade Kidney Center - Center Hemodialysis

Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)
Through period ending December 31, 2003

V. ANEMIA - CONT.

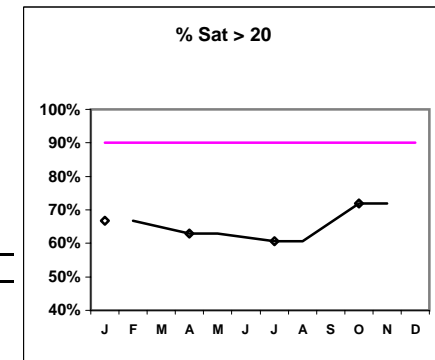
	J	F	M	A	M	J	J	A	S	O	N	D
# Ferritin	60			62			66				64	
# Ferritin < 800	58			57			53				57	
Pop. Mean =	331			424			503				489	
Std. Deviation =	236			344			348				323	
*Network Mean =	489			489			489				489	
Natl. Mean =												
% Ferritin < 800	97%			92%			80%				89%	

*Figures for 2000



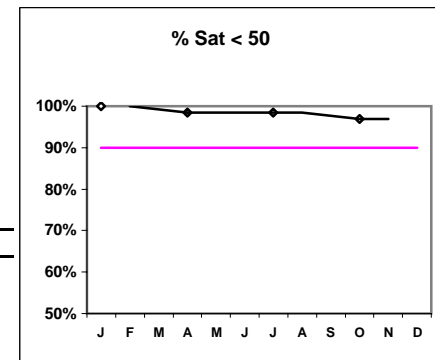
# % Sat	60			62			66				64	
# % Sat > 20	40			39			40				46	
Pop. Mean =	24.5			24.2			24.4				27.3	
Std. Deviation =	8.73			9.85			8.96				10.3	
*Network Mean =	28			28			28				28	
Natl. Mean =												
% Sat% > 20	67%			63%			61%				72%	
*% Network > 20	71%			71%			71%				71%	

*Figures for 2000



# % Sat	60			62			66				64	
# % Sat < 50	60			61			65				62	
Pop. Mean =	24.5			24.2			24.4				27.3	
Std. Deviation =	8.73			9.85			8.96				10.3	
*Network Mean =	28			28			28				28	
Natl. Mean =												
% Sat% < 50	####			98%			98%				97%	

*Figures for 2000



*Methodology: a) Monthly values based on patient's monthly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.