

# Cascade Kidney Center - Center Hemodialysis

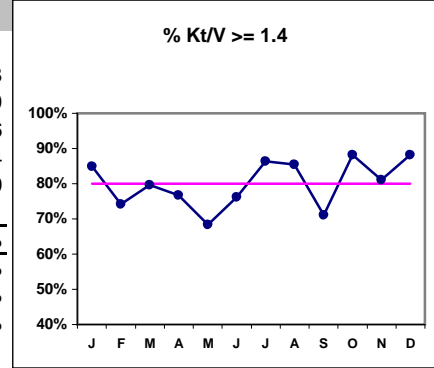
Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)

Through period ending Dec. 31, 2004

## I. ADEQUACY OF DIALYSIS

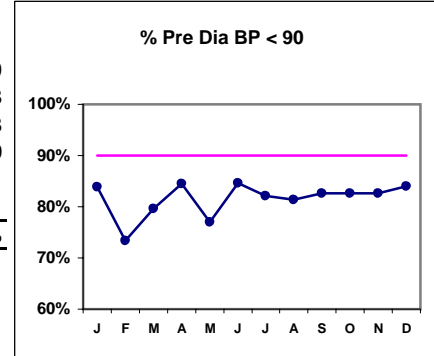
	J	F	M	A	M	J	J	A	S	O	N	D
# Kt/V	60	58	49	56	57	63	66	69	69	68	69	68
# Kt/V >= 1.4	51	43	39	43	39	48	57	59	49	60	56	60
Pop. Mean =	1.76	1.73	1.56	1.6	1.52	1.65	1.65	1.73	1.51	1.68	1.69	1.66
Std. Deviation =	0.73	0.72	0.31	0.41	0.26	0.44	0.33	0.60	0.29	0.38	0.57	0.24
Network Mean =	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59
Natl. Mean =												
% Kt/V >= 1.4	85%	74%	80%	77%	68%	76%	86%	86%	71%	88%	81%	88%
**% Kt/V >= 1.2	92%	88%	90%	91%	93%	94%	####	96%	87%	94%	96%	97%
Network >= 1.2 '02	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%
Natl. % > 1.2 - 2002	89%	89%	89%	89%	89%	89%	89%	89%	89%	89%	89%	89%

\*\* As of Apr. '04

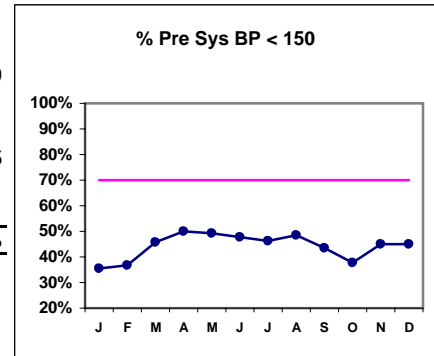


## Blood Pressure Control (Pre)

# Pre Dia BP	62	60	59	58	61	65	67	70	69	69	69	69
# Pre Dia BP < 90	52	44	47	49	47	55	55	57	57	57	57	58
Pop. Mean =	79	80	79	78	80	76	76	77	77	78	79	78
Std. Deviation =	12.4	13.7	13	13.3	16.3	12.7	13.4	13.8	13.2	13.7	16.4	13.9
Network Mean =												
Natl. Mean =												
% Pre Dia BP < 90	84%	73%	80%	84%	77%	85%	82%	81%	83%	83%	83%	84%



# Pre Sys BP	62	60	59	58	61	65	67	70	69	69	69	69
# Pre Sys BP < 150	22	22	27	29	30	31	31	34	30	26	31	31
Pop. Mean =	152	155	152	151	152	149	151	150	152	152	151	151
Std. Deviation =	20.3	21.8	21.4	22.4	22.8	22.1	22.7	24.5	23.1	21.5	22.7	23.5
Network Mean =												
Natl. Mean =												
% Pre Sys BP < 150	35%	37%	46%	50%	49%	48%	46%	49%	43%	38%	45%	45%



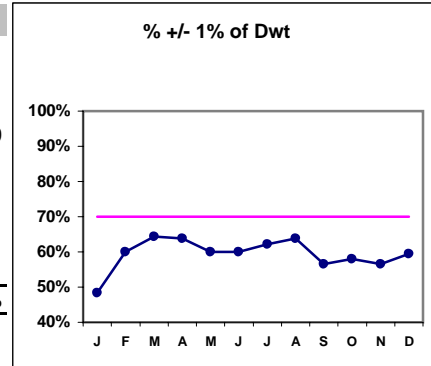
\*Methodology: a) Monthly values based on patient's monthly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.

## Cascade Kidney Center - Center Hemodialysis

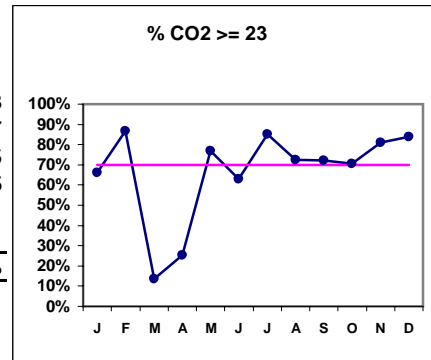
Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)  
Through period ending Dec. 31, 2004

### I. ADEQUACY OF DIALYSIS - CONT.

	J	F	M	A	M	J	J	A	S	O	N	D
# Post/Dwt	62	60	59	58	60	65	66	69	69	69	69	69
# +/- 1% of Dwt	30	36	38	37	36	39	41	44	39	40	39	41
<b>% +/- 1% of Dwt</b>	<b>48%</b>	<b>60%</b>	<b>64%</b>	<b>64%</b>	<b>60%</b>	<b>60%</b>	<b>62%</b>	<b>64%</b>	<b>57%</b>	<b>58%</b>	<b>57%</b>	<b>59%</b>



# CO2	62	60	51	55	61	65	67	69	68	68	69	68
# CO2 >= 23	41	52	7	14	47	41	57	50	49	48	56	57
Pop. Mean =	24	25	17	20	25	24	26	24	24	24	24	25
Std. Deviation =	3.20	3.09	7.29	5.55	4.02	3.45	3.90	4.58	4.51	4.51	3.30	4.55
Network Mean =												
Natl. Mean =												
<b>% CO2 &gt;= 23</b>	<b>66%</b>	<b>87%</b>	<b>14%</b>	<b>25%</b>	<b>77%</b>	<b>63%</b>	<b>85%</b>	<b>72%</b>	<b>72%</b>	<b>71%</b>	<b>81%</b>	<b>84%</b>



\*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.

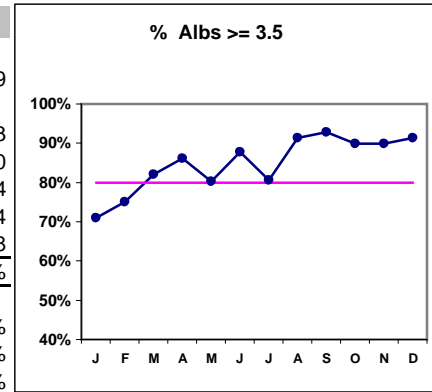
## Cascade Kidney Center - Center Hemodialysis

Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)  
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\*Albumin values use BCG method - as of July 2001

### II. NUTRITION

	J	F	M	A	M	J	J	A	S	O	N	D
# Albumin	62	60	56	58	61	65	67	70	69	69	69	69
# Albumin >= 3.5	44	45	46	50	49	57	54	64	64	62	62	63
Pop. Mean =	3.7	3.7	3.7	3.8	3.7	3.8	3.7	3.9	3.9	3.9	3.9	4.0
Std. Deviation =	0.38	0.39	0.32	0.33	0.32	0.36	0.33	0.31	0.31	0.35	0.32	0.34
*Network Mean =	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
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	71%	75%	82%	86%	80%	88%	81%	91%	93%	90%	90%	91%



CKC % >= 4.0	21%	30%	14%	29%	21%	28%	19%	40%	52%	49%	49%	55%
*Natl % >= 3.5-BCG	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%
*Natl. % >= 4.0-BCG	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%
*Figures for 2004												
*Netwk%>=3.5 BCG	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%
*Netwk%>=4.0 BCG	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
*Figures for 2002												

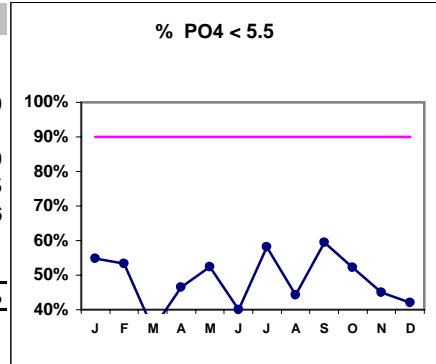
\*Methodology: a) Monthly values based on patient's monthly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.

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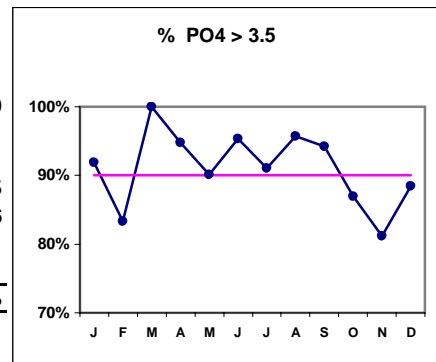
Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)  
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### III. OSTEODYSTROPHY

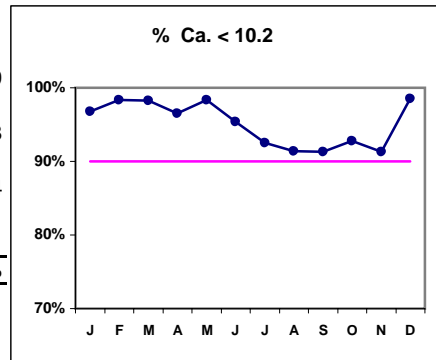
	J	F	M	A	M	J	J	A	S	O	N	D
# PO4	62	60	58	58	61	65	67	70	69	69	69	69
# PO4 < 5.5	34	32	20	27	32	26	39	31	41	36	31	29
Pop. Mean =	5.4	5.2	6.0	5.6	5.4	5.7	5.5	5.6	5.4	5.3	5.3	5.5
Std. Deviation	1.7	1.41	1.22	1.47	1.41	1.51	1.42	1.4	1.4	1.42	1.47	1.46
Network Mean =												
Natl. Mean =												
% PO4 < 5.5	55%	53%	34%	47%	52%	40%	58%	44%	59%	52%	45%	42%



# PO4	62	60	58	58	61	65	67	70	69	69	69	69
# PO4 > 3.5	57	50	58	55	55	62	61	67	65	60	56	61
Pop. Mean =	5.4	5.2	6.0	5.6	5.4	5.7	5.5	5.6	5.4	5.3	5.3	5.5
Std. Deviation	1.7	1.41	1.22	1.47	1.41	1.51	1.42	1.4	1.4	1.42	1.47	1.46
Network Mean =												
Natl. Mean =												
% PO4 > 3.5	92%	83%	###	95%	90%	95%	91%	96%	94%	87%	81%	88%



# Calcium	62	60	58	58	61	65	67	70	69	69	69	69
# Calcium < 10.2	60	59	57	56	60	62	62	64	63	64	63	68
Pop. Mean =	9.0	9.1	9.0	8.9	9.1	9.0	9.0	9.1	9.2	9.0	9.2	9.1
Std. Deviation	0.76	0.65	0.85	0.81	0.79	0.83	0.79	0.89	0.84	0.82	0.74	0.74
Network Mean =												
Natl. Mean =												
% Ca < 10.2	97%	98%	98%	97%	98%	95%	93%	91%	91%	93%	91%	99%



\*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.

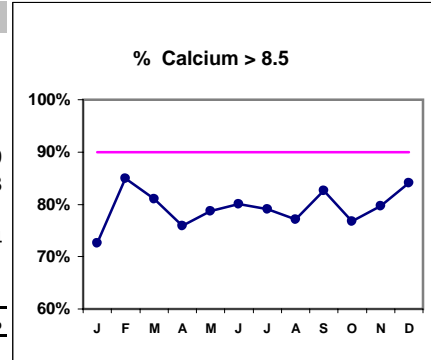
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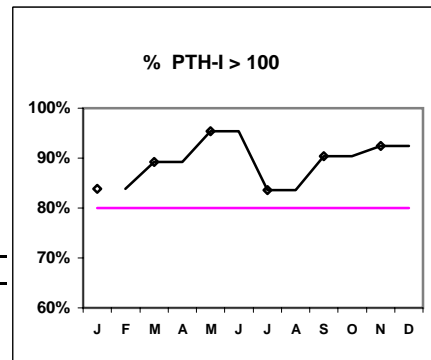
### III. OSTEODYSTROPHY - CONT.

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

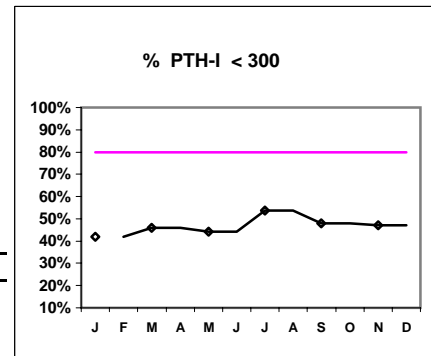
# Calcium	62	60	58	58	61	65	67	70	69	69	69	69
# Calcium > 8.5	45	51	47	44	48	52	53	54	57	53	55	58
Pop. Mean =	9.0	9.1	9.0	8.9	9.1	9.0	9.0	9.1	9.2	9.0	9.2	9.1
Std. Deviation =	0.76	0.65	0.85	0.81	0.79	0.83	0.79	0.89	0.84	0.82	0.74	0.74
Network Mean =												
Natl. Mean =												
<b>% Calcium &gt; 8.5</b>	<b>73%</b>	<b>85%</b>	<b>81%</b>	<b>76%</b>	<b>79%</b>	<b>80%</b>	<b>79%</b>	<b>77%</b>	<b>83%</b>	<b>77%</b>	<b>80%</b>	<b>84%</b>



# PTH-I	62	37	43	67	52	53
# PTH-I > 100	52	33	41	56	47	49
Pop. Mean =	446	324	355	461	371	369
Std. Deviation =	570	611	511	620	540	481
Network Mean =						
Natl. Mean =						
<b>% PTH-I &gt; 100</b>	<b>84%</b>	<b>89%</b>	<b>95%</b>	<b>84%</b>	<b>90%</b>	<b>92%</b>



# PTH-I	62	37	43	67	52	53
# PTH-I < 300	26	17	19	36	25	25
Pop. Mean =	446	324	355	461	371	369
Std. Deviation =	570	611	511	620	540	481
Network Mean =						
Natl. Mean =						
<b>% PTH-I &lt; 300</b>	<b>42%</b>	<b>46%</b>	<b>44%</b>	<b>54%</b>	<b>48%</b>	<b>47%</b>



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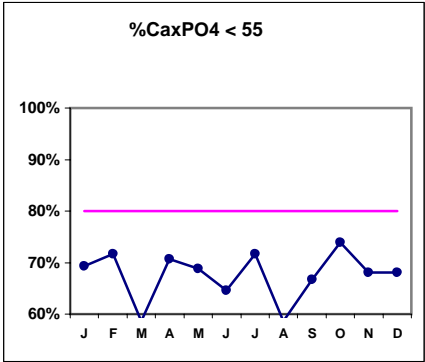
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Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)

Through period ending Dec. 31, 2004

### III. OSTEODYSTROPHY - CONT.

	J	F	M	A	M	J	J	A	S	O	N	D
# Ca x PO4	62	60	58	58	61	65	67	70	69	69	69	69
# Ca x PO4 < 55	43	43	34	41	42	42	48	41	46	51	47	47
Pop. Mean =	48.9	47.3	53.4	49.7	49.3	51.6	49.4	51.0	49.9	47.8	48.9	50.0
Std. Deviation =	15.6	13.3	9.8	13.2	13.7	13.7	12.6	12.0	12.8	12.8	13.9	13.2
Network Mean =												
Natl. Mean =												
<b>CaxPO4 &lt; 55</b>	<b>69%</b>	<b>72%</b>	<b>59%</b>	<b>71%</b>	<b>69%</b>	<b>65%</b>	<b>72%</b>	<b>59%</b>	<b>67%</b>	<b>74%</b>	<b>68%</b>	<b>68%</b>



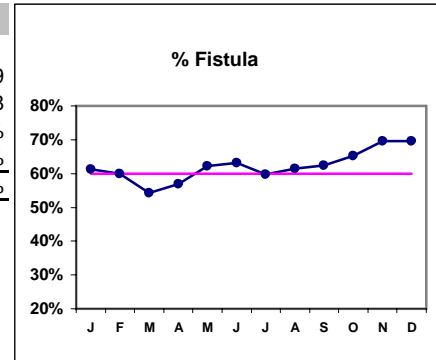
\*Methodology: a) Monthly values based on patient's monthly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.

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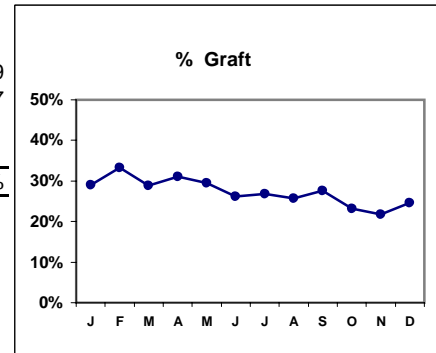
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### IV. ACCESS

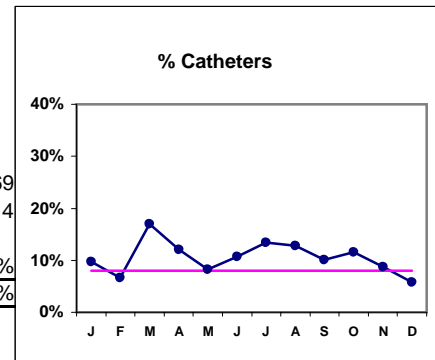
	J	F	M	A	M	J	J	A	S	O	N	D
# Access	62	60	59	58	61	65	67	70	69	69	69	69
# Fistula	38	36	32	33	38	41	40	43	43	45	48	48
Network % - 2004	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%
Natl. % - 2004	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%
% Fistula	61%	60%	54%	57%	62%	63%	60%	61%	62%	65%	70%	70%



# Access	62	60	59	58	61	65	67	70	69	69	69	69
# Graft	18	20	17	18	18	17	18	18	19	16	15	17
Network %												
Natl. %												
% Graft	29%	33%	29%	31%	30%	26%	27%	26%	28%	23%	22%	25%



# Access	62	60	59	58	61	65	67	70	69	69	69	69
# Catheters	6	4	10	7	5	7	9	9	7	8	6	4
Network %												
Natl. % - 2004	27%	27%	27%	27%	27%	27%	27%	27%	27%	27%	27%	27%
% Catheter	10%	7%	17%	12%	8%	11%	13%	13%	10%	12%	9%	6%



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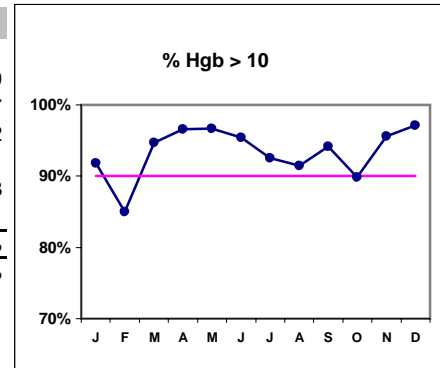
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### V. ANEMIA

	J	F	M	A	M	J	J	A	S	O	N	D
# Hgb	61	60	57	58	61	65	67	70	69	69	68	69
# Hgb > 10.0	56	51	54	56	59	62	62	64	65	62	65	67
Pop. Mean =	11.5	11.6	11.9	11.9	12	11.6	11.6	11.6	11.8	11.7	12	12.2
Std. Deviation =	1.33	1.43	1.19	1.02	1.08	1.06	1.21	1.26	1.38	1.17	1.21	1.21
Network Mean =	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
Natl. Mean =												
% Hgb > 10.0	92%	85%	95%	97%	97%	95%	93%	91%	94%	90%	96%	97%
*% Network >= 10	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%

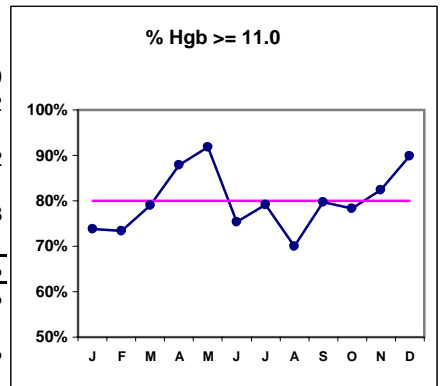
\*Figures for 2000



# Hgb	61	60	57	58	61	65	67	70	69	69	68	69
# Hgb >= 11.0	45	44	45	51	56	49	53	49	55	54	56	62
Pop. Mean =	11.5	11.6	11.9	11.9	12	11.6	11.6	11.6	11.8	11.7	12	12.2
Std. Deviation =	1.33	1.43	1.19	1.02	1.08	1.06	1.21	1.26	1.38	1.17	1.21	1.21
*Network Mean =	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
Natl. Mean =												
% Hgb >= 11.0	74%	73%	79%	88%	92%	75%	79%	70%	80%	78%	82%	90%
*% Network >= 11	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%

\*Figures for 2003

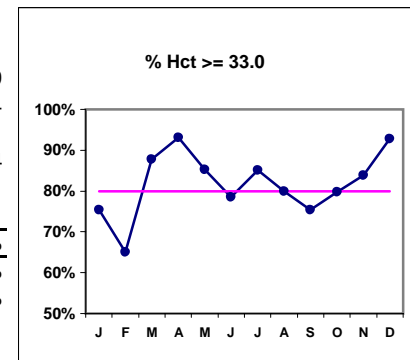
% Natl. >= 11 2004 80% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80%



# Hct	61	60	57	58	61	65	67	70	69	69	68	69
# Hct >= 33.0	46	39	50	54	52	51	57	56	52	55	57	64
Pop. Mean =	34.9	34.2	37.2	37.1	35.9	35.7	36	35.8	35.8	35.5	36.1	37.1
Std. Deviation =	4.13	4.28	3.67	3.28	3.65	3.71	3.98	4.12	4.16	3.5	3.56	3.44
*Network Mean =												
Natl. Mean =												
% Hct >= 33.0	75%	65%	88%	93%	85%	78%	85%	80%	75%	80%	84%	93%
*% Network >= 11	91%	91%	91%	91%	91%	91%	91%	91%	91%	91%	91%	91%

\*Figures for 2003

% Natl. >= 11 89% 89% 89% 89% 89% 89% 89% 89% 89% 89% 89% 89%



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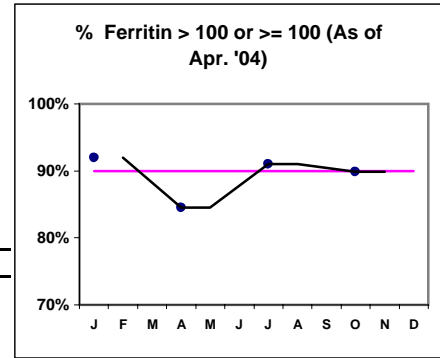
Through period ending Dec. 31, 2004

### V. ANEMIA - CONT.

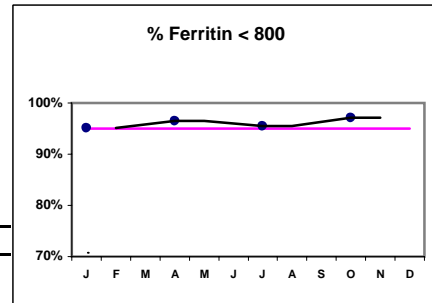
J F M A M J J A S O N D

**Iron Profile**

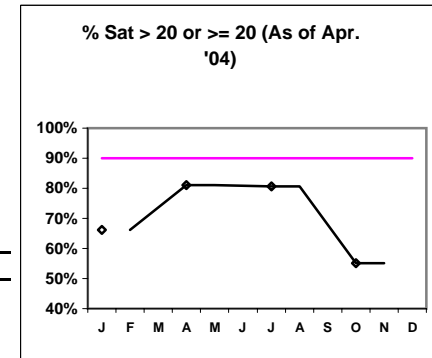
# Ferritin	62	58	67	69
# Ferritin > 100	57			
# Ferritin >= 100		49	61	62
Pop. Mean =	421	308	339	338
Std. Deviation =	244	227	218	218
*Network Mean =	449	449	449	449
Natl. Mean =				
% Ferritin > 100	92%	84%	91%	90%
*% Network >= 100	92%	92%	92%	92%
*Figures for 2002				
% Natl >= 100 2004	94%	94%	94%	94%



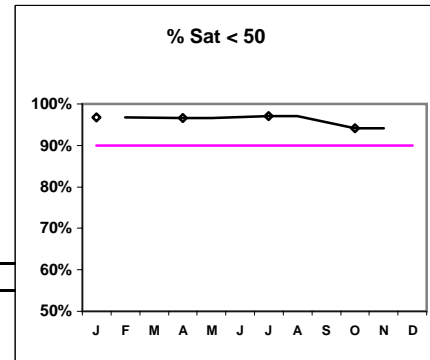
# Ferritin	62	58	67	69
# Ferritin < 800	59	56	64	67
Pop. Mean =	421	308	339	338
Std. Deviation =	244	227	218	218
*Network Mean =	449	449	449	449
Natl. Mean =				
% Ferritin < 800	95%	97%	96%	97%
*Figures for 2002				



# % Sat	62	58	67	69
# % Sat > 20	41			
# % Sat >= 20		47	54	38
Pop. Mean =	27.3	28.1	27.9	23.3
Std. Deviation =	11	11.3	10.5	12.4
*Network Mean =	25	25	25	25
Natl. Mean =				
% Sat% >= 20	66%	81%	81%	55%
*% Network >= 20	73%	73%	73%	73%
*Figures for 2002				
% Natl >= 20 2004	81%	81%	81%	81%



# % Sat	62	58	67	69
# % Sat < 50	60	56	65	65
Pop. Mean =	27.3	28.1	27.9	23.3
Std. Deviation =	11	11.3	10.5	12.4
*Network Mean =	25	25	25	25
Natl. Mean =				
% Sat% < 50	97%	97%	97%	94%
*Figures for 2002				



\*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.