

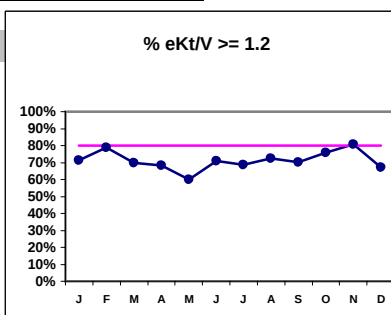
Mt. Rainier Kidney Center - Center Hemodialysis
Quality Assurance Reports (Excludes patients in first 6 months of treatment)
Through period ending Dec. 31, 2001

I.j - I.S. Dept.

Note: Monthly values with an * are PACLAB values - as of July 2001

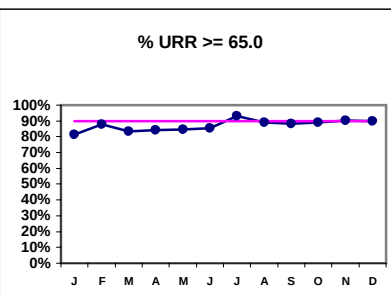
I. ADEQUACY OF DIALYSIS

	J	F	M	A	M	J	J	A	S	O	N	D
# eKt/V	91	90	90	88	90	89	89	94	94	91	94	97
# eKt/V >= 1.2	65	71	63	60	54	63	61	68	66	69	76	65
Pop. Mean =	1.30	1.37	1.34	1.31	1.25	1.29	1.30	1.34	1.32	1.33	1.41	1.30
Std. Deviation =	0.32	0.30	0.63	0.32	0.21	0.30	0.21	0.48	0.22	0.34	0.36	0.22
Network Mean =												
Natl. Mean =												
% eKt/V >= 1.2	71%	79%	70%	68%	60%	71%	69%	72%	70%	76%	81%	67%

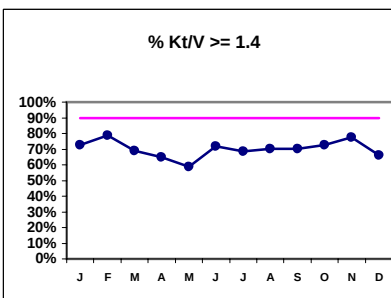


# URR	92	91	90	88	91	89	89	93	94	91	94	97
# URR >= 65.0	75	80	75	74	77	76	83	83	83	81	85	87
Pop. Mean =	71.1	73.1	71.1	71.3	70.6	71.3	71.8	72.3	72.1	72.0	74.1	71.9
Std. Deviation =	8.3	8.6	7.3	7.1	7.1	8.1	5.8	6.3	6.0	7.3	7.1	6.5
*Network Mean =	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
Natl. Mean =	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
% URR >= 65.0	82%	88%	83%	84%	85%	85%	93%	89%	88%	89%	90%	90%
*Network % > 65.0	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%
*Natl. % > 65.0	82%	82%	82%	82%	82%	82%	82%	82%	82%	82%	82%	82%

* Figures for 2000

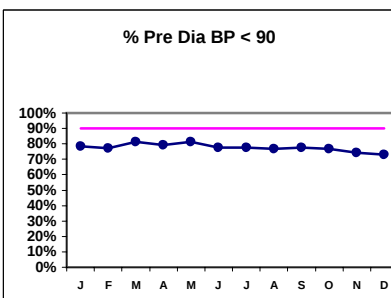


# Kt/V	91	90	90	88	90	89	89	94	94	91	94	97
# Kt/V >= 1.4	66	71	62	57	53	64	61	66	66	66	73	64
Pop. Mean =	1.52	1.59	1.57	1.53	1.46	1.50	1.51	1.56	1.53	1.55	1.64	1.51
Std. Deviation =	0.37	0.36	0.78	0.37	0.25	0.35	0.24	0.58	0.26	0.41	0.44	0.26
Network Mean =												
Natl. Mean 1999 =	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40
% Kt/V >= 1.4	73%	79%	69%	65%	59%	72%	69%	70%	70%	73%	78%	66%
% Kt/V > 1.2	87%	91%	87%	90%	87%	90%	93%	90%	88%	88%	90%	90%
Network > 1.2 '99	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%
Natl. % > 1.2 - 2000	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%

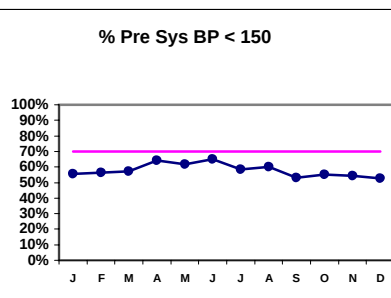


Blood Pressure Control (Pre)

# Pre Dia BP	92	92	91	92	91	89	89	95	94	91	94	97
# Pre Dia BP < 90	72	71	74	73	74	69	69	73	73	70	70	71
Pop. Mean =	82.3	83.4	81.3	81.1	81.1	80.5	80.9	82.3	82.4	82.4	82.9	81.9
Std. Deviation =	13.4	18.3	11.3	11.1	11.4	10.8	11.3	12.2	11.5	11.4	12.7	11.4
Network Mean =												
Natl. Mean =												
% Pre Dia BP < 90	78%	77%	81%	79%	81%	78%	78%	77%	78%	77%	74%	73%



# Pre Sys BP	92	92	91	92	91	89	89	95	94	91	94	97
# Pre Sys BP < 150	51	52	52	59	56	58	52	57	50	50	51	51
Pop. Mean =	148	148	148	147	146	145	146	147	149	149	149	149
Std. Deviation =	18.9	19	17.6	17.4	18.8	16.4	17	17.6	18.3	18.7	19.7	19.4
Network Mean =												
Natl. Mean =												
% Pre Sys BP < 150	55%	57%	57%	64%	62%	65%	58%	60%	53%	55%	54%	53%



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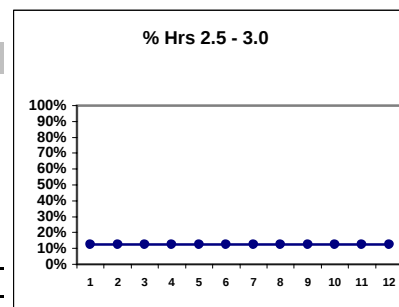
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Through period ending Dec. 31, 2001

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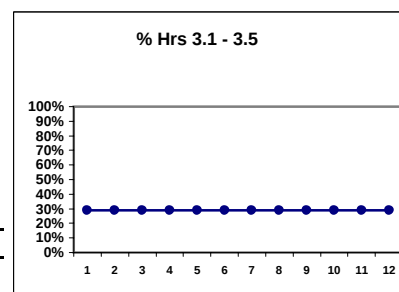
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I. ADEQUACY OF DIALYSIS - CONT.

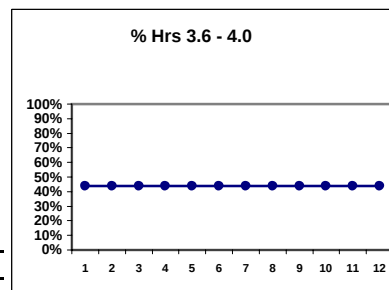
	J	J	J	J	J	J	J	J	J	J	J	J
# Dialysis Hrs	80	80	80	80	80	80	80	80	80	80	80	80
# Hrs. 2.5 - 3.0	10	10	10	10	10	10	10	10	10	10	10	10
Pop. Mean =	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Std. Deviation =	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
Network Mean =												
Natl. Mean =												
% Hrs. 2.5 - 3.0	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%



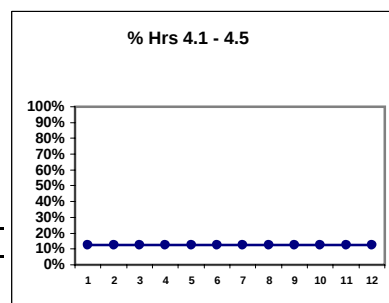
# Dialysis Hrs	80	80	80	80	80	80	80	80	80	80	80	80
# Hrs 3.1 - 3.5	23	23	23	23	23	23	23	23	23	23	23	23
Pop. Mean =	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Std. Deviation =	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
Network Mean =												
Natl. Mean =												
% Hrs 3.1 - 3.5	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%



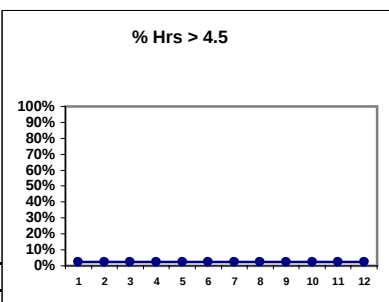
# Dialysis Hrs	80	80	80	80	80	80	80	80	80	80	80	80
# Hrs 3.6 - 4.0	35	35	35	35	35	35	35	35	35	35	35	35
Pop. Mean =	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Std. Deviation =	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
Network Mean =												
Natl. Mean =												
% Hrs 3.6 - 4.0	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%



# Dialysis Hrs	80	80	80	80	80	80	80	80	80	80	80	80
# Hrs 4.1 - 4.5	10	10	10	10	10	10	10	10	10	10	10	10
Pop. 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
Std. Deviation =	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
Network Mean =												
Natl. Mean =												
% Hrs 4.1 - 4.5	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%



# Dialysis Hrs	80	80	80	80	80	80	80	80	80	80	80	80
# Hrs > 4.5	2	2	2	2	2	2	2	2	2	2	2	2
Pop. 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
Std. Deviation =	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
Network Mean =												
Natl. Mean =												
% Hrs > 4.5	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%



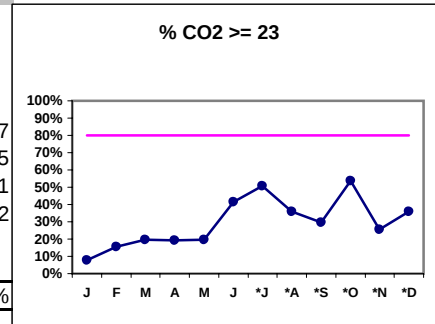
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Quality Assurance Reports (Excludes patients in first 6 months of treatment)
Through period ending Dec. 31, 2001

I,j - I.S. Dept.

I. ADEQUACY OF DIALYSIS - CONT.

	J	F	M	A	M	J	*J	*A	*S	*O	*N	*D
# CO2	92	91	91	89	91	89	89	95	94	91	94	97
# CO2 >= 23	7	14	18	17	18	37	45	34	28	49	24	35
Pop. Mean =	20	20	20	20	20	22	22	21	21	22	21	21
Std. Deviation =	2.11	3.8	2.86	4.62	2.88	2.57	3.11	2.88	2.97	2.87	2.89	2.92
Network Mean =												
Natl. Mean =												
% CO2 >= 23	8%	15%	20%	19%	20%	42%	51%	36%	30%	54%	26%	36%



*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.

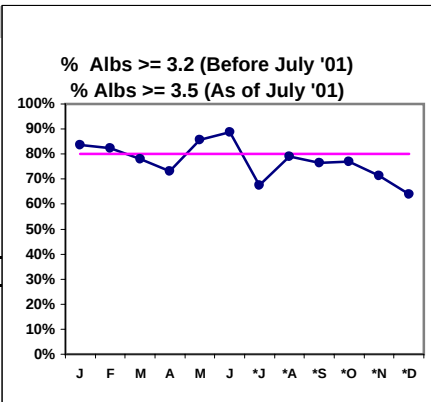
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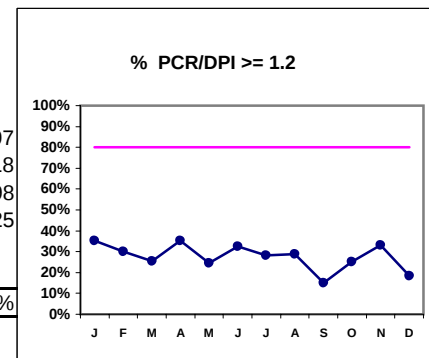
***Albumin values use BCG method - as of July 2001**

II. NUTRITION

	J	F	M	A	M	J	*J	*A	*S	*O	*N	*D
# Albumin	92	91	91	89	91	89	89	95	94	91	94	97
# Albumin >= 3.2	77	75	71	65	78	79						
# Albumin >= 3.5							60	75	72	70	67	62
Pop. Mean =	3.5	3.5	3.4	3.3	3.6	3.6	3.6	3.7	3.6	3.7	3.6	3.5
Std. Deviation =	0.5	0.54	0.5	0.47	0.51	0.48	0.36	0.4	0.29	0.32	0.31	0.27
Network Mean =												
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 >= 3.2 or 3.5	84%	82%	78%	73%	86%	89%	67%	79%	77%	77%	71%	64%
MRKC % >= 3.7							42%	55%	49%	53%	48%	33%
MRKC % >= 4.0							16%	27%	17%	23%	19%	7%
*Natl. % >= 3.5-BCG							80%	80%	80%	80%	80%	80%
*Natl. % >= 4.0-BCG							29%	29%	29%	29%	29%	29%
*Network Mean =	77%	77%	77%	77%	77%	77%	77%	77%	77%	77%	77%	77%
*Figures for 2000												



	J	F	M	A	M	J	*J	*A	*S	*O	*N	*D
# PCR/DPI	91	90	90	88	90	89	89	94	94	91	94	97
# PCR/DPI >= 1.2	32	27	23	31	22	29	25	27	14	23	31	18
Pop. Mean =	1.07	1.04	1.01	1.06	1.03	1.04	1.01	1.01	0.98	1.01	1.07	0.98
Std. Deviation =	0.26	0.26	0.23	0.28	0.27	0.23	0.22	0.26	0.21	0.24	0.26	0.25
Network Mean =												
Natl. Mean =												
% PCR/DPI >= 1.2	35%	30%	26%	35%	24%	33%	28%	29%	15%	25%	33%	19%



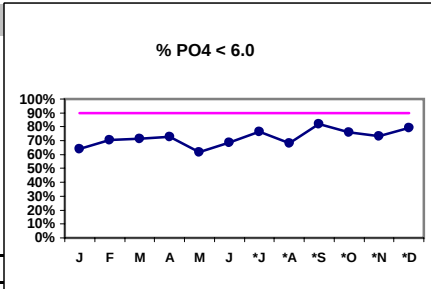
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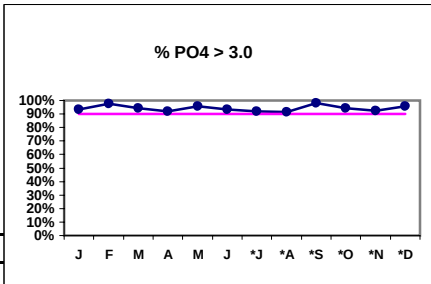
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III. OSTEODYSTROPHY

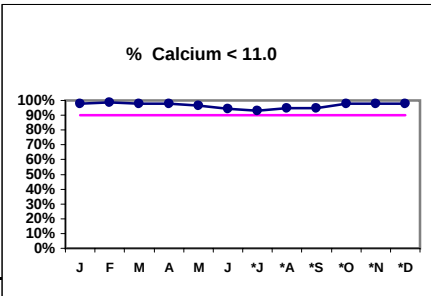
	J	F	M	A	M	J	*J	*A	*S	*O	*N	*D
# PO4	92	91	91	89	91	89	89	95	94	91	94	97
# PO4 < 6.0	59	64	65	65	56	61	68	65	77	69	69	77
Pop. Mean =	5.5	5.3	5.3	5.2	5.5	5.3	5.0	5.1	4.9	5.0	5.2	5.0
Std. Deviation	1.57	1.3	1.4	1.43	1.59	1.56	1.32	1.39	1.15	1.41	1.49	1.39
Network Mean =												
Natl. Mean =												
% PO4 < 6.0	64%	70%	71%	73%	62%	69%	76%	68%	82%	76%	73%	79%



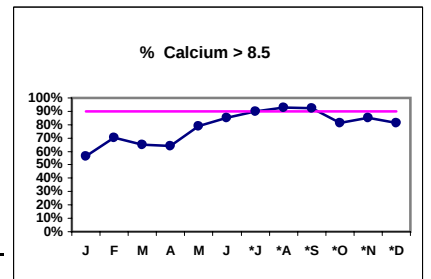
# PO4	92	91	91	89	91	89	89	95	94	91	94	97
# PO4 > 3.0	86	89	86	82	87	83	82	87	92	86	87	93
Pop. Mean =	5.5	5.3	5.3	5.2	5.5	5.3	5.0	5.1	4.9	5.0	5.2	5.0
Std. Deviation	1.57	1.3	1.4	1.43	1.59	1.56	1.32	1.39	1.15	1.41	1.49	1.39
Network Mean =												
Natl. Mean =												
% PO4 > 3.0	93%	98%	95%	92%	96%	93%	92%	92%	98%	95%	93%	96%



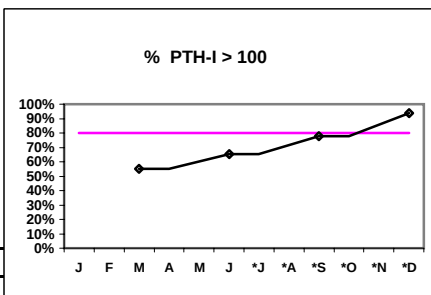
# Calcium	92	91	91	89	91	89	89	95	94	91	94	97
# Calcium < 11.0	90	90	89	87	88	84	83	90	89	89	92	95
Pop. Mean =	8.8	8.9	9.0	8.9	9.1	9.4	9.6	9.6	9.7	9.3	9.3	9.3
Std. Deviation	0.9	0.8	0.9	0.8	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.8
Network Mean =												
Natl. Mean =												
% Calcium < 11.0	98%	99%	98%	98%	97%	94%	93%	95%	95%	98%	98%	98%



# Calcium	92	91	91	89	91	89	89	95	94	91	94	97
# Calcium > 8.5	52	64	59	57	72	76	80	88	87	74	80	79
Pop. Mean =	8.8	8.9	9.0	8.9	9.1	9.4	9.6	9.6	9.7	9.3	9.3	9.3
Std. Deviation =	0.9	0.8	0.9	0.8	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.8
Network Mean =												
Natl. Mean =												
% Calcium > 8.5	57%	70%	65%	64%	79%	85%	90%	93%	93%	81%	85%	81%



# PTH-I			89			87			94			64
# PTH-I > 100			49			57			73			60
Pop. Mean =			159			205			264			265
Std. Deviation =			155			186			232			156
Network Mean =												
Natl. Mean =												
% PTH-I > 100			55%			66%			78%			94%



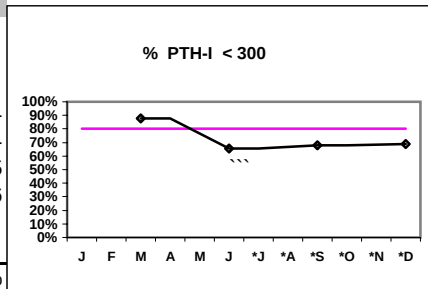
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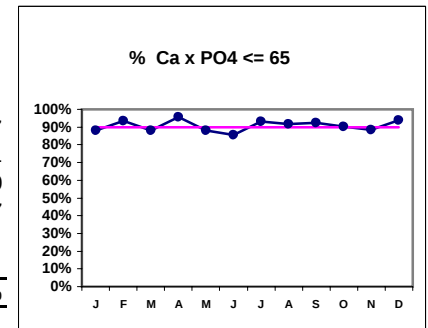
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III. OSTEODYSTROPHY - CONT.

	J	F	M	A	M	J	*J	*A	*S	*O	*N	*D
# PTH-I			89			87			94			64
# PTH-I < 300			78			57			64			44
Pop. Mean =			159			205			264			265
Std. Deviation =			155			186			232			156
Network Mean =												
Natl. Mean =												
% PTH-I < 300			88%			66%			68%			69%



# Ca x PO4	92	91	91	89	91	89	89	95	94	91	94	97
# Ca x PO4 <= 65	81	85	80	85	80	76	83	87	87	82	83	91
Pop. Mean =	48.0	46.7	47.3	46.2	49.6	49.2	47.6	48.5	47.0	45.8	48.5	46.0
Std. Deviation =	13.2	12.0	14.1	13.0	14.0	14.6	12.3	13.4	12.0	13.0	13.8	12.7
Network Mean =												
Natl. Mean =												
% Ca x PO4 <= 65	88%	93%	88%	96%	88%	85%	93%	92%	93%	90%	88%	94%



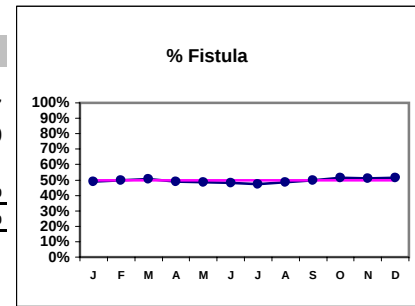
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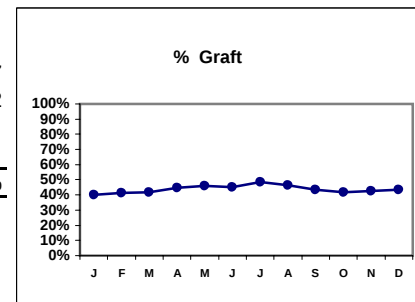
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IV. ACCESS

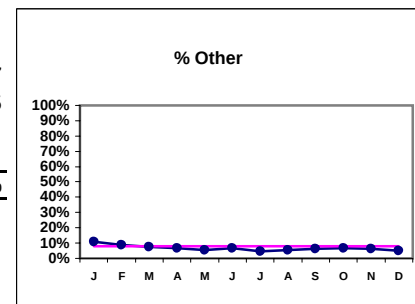
	J	F	M	A	M	J	J	A	S	O	N	D
# Access	92	92	91	92	91	89	89	95	94	91	94	97
# Fistula	45	46	46	45	44	43	42	46	47	47	48	50
Network %												
Natl. % - 2000	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%
% Fistula	49%	50%	51%	49%	48%	48%	47%	48%	50%	52%	51%	52%



# Access	92	92	91	92	91	89	89	95	94	91	94	97
# Graft	37	38	38	41	42	40	43	44	41	38	40	42
Network %												
Natl. %												
% Graft	40%	41%	42%	45%	46%	45%	48%	46%	44%	42%	43%	43%



# Access	92	92	91	92	91	89	89	95	94	91	94	97
# Other	10	8	7	6	5	6	4	5	6	6	6	5
Network %												
Natl. %												
% Other	11%	9%	8%	7%	5%	7%	4%	5%	6%	7%	6%	5%



*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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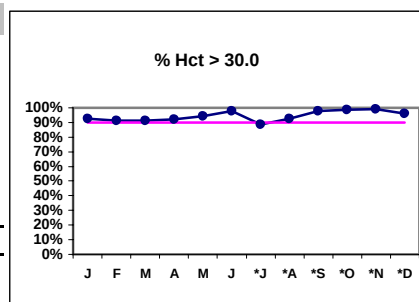
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***Hct. values use Coulter method - as of July 2001**

V. ANEMIA

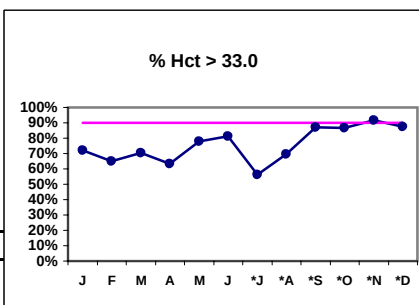
	J	F	M	A	M	J	*J	*A	*S	*O	*N	*D
# Hct	83	91	91	90	86	86	89	95	94	90	94	97
# Hct > 30.0	77	83	83	83	81	84	79	88	92	89	93	93
Pop. Mean =	35.2	35.6	36.3	35.5	36.5	36.0	34.1	34.7	36.0	36.1	37.1	36.8
Std. Deviation =	4.1	4.8	5.0	4.6	4.5	3.9	3.8	3.5	3.4	3.4	4.0	4.1
Network Mean =	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
Natl. Mean =	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
% Hct > 30.0	93%	91%	91%	92%	94%	98%	89%	93%	98%	99%	99%	96%
*% Network > 30.0	89%	89%	89%	89%	89%	89%	89%	89%	89%	89%	89%	89%
% Natl. > 30.0	79%	79%	79%	79%	79%	79%	79%	79%	79%	79%	79%	79%

* Figures for 2000



# Hct	83	91	91	90	86	86	89	95	94	90	94	97
# Hct > 33.0	60	59	64	57	67	70	50	66	82	78	86	85
Pop. Mean =	35.2	35.6	36.3	35.5	36.5	36.0	34.1	34.7	36.0	36.1	37.1	36.8
Std. Deviation =	4.1	4.8	5.0	4.6	4.5	3.9	3.8	3.5	3.4	3.4	4.0	4.1
*Network Mean =	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
*Natl. Mean =	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
% Hct > 33.0	72%	65%	70%	63%	78%	81%	56%	69%	87%	87%	91%	88%
*% Network > 33.0	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%
% Natl. > 33.0	73%	73%	73%	73%	73%	73%	73%	73%	73%	73%	73%	73%

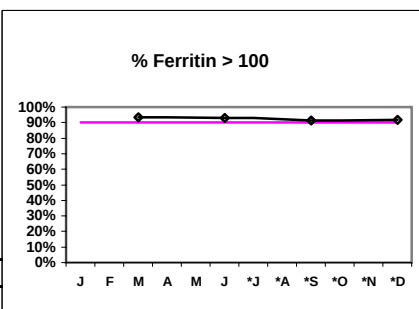
*Figures for 2000



Iron Profile

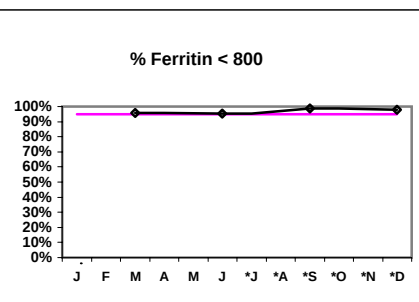
# Ferritin	91	88	94	97
# Ferritin > 100	85	82	86	89
Pop. Mean =	343	370	314	296
Std. Deviation =	230	218	182	173
*Network Mean =	428	428	428	428
Natl. Mean =				
% Ferritin > 100	93%	93%	91%	92%
*% Network > 100	86%	86%	86%	86%

*Figures for 2000



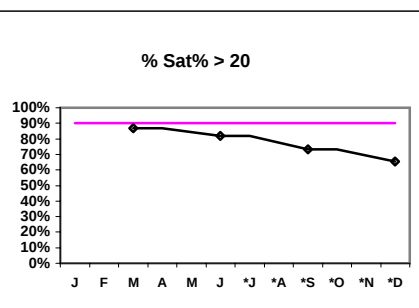
# Ferritin	91	88	94	97
# Ferritin < 800	87	84	93	95
Pop. Mean =	343	370	314	296
Std. Deviation =	230	218	182	173
*Network Mean =	428	428	428	428
Natl. Mean =				
% Ferritin < 800	96%	95%	99%	98%

*Figures for 2000



# % Sat	91	89	94	96
# % Sat > 20	79	73	69	63
Pop. Mean =	29.7	30.1	25.1	25.5
Std. Deviation =	10.1	11.9	7.71	10
*Network Mean =	27	27	27	27
Natl. Mean =				
% Sat% > 20	87%	82%	73%	66%
*% Network > 20	72%	72%	72%	72%

*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.

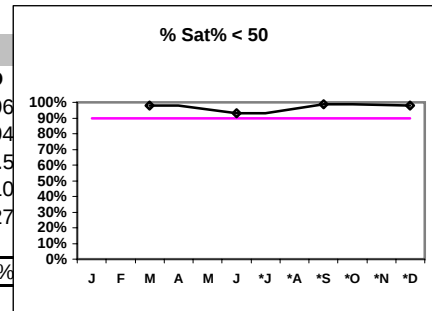
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V. ANEMIA - CONT.

	J	F	M	A	M	J	*J	*A	*S	*O	*N	*D
# % Sat			91			89			94			96
# % Sat < 50			89			83			93			94
Pop. Mean =			29.7			30.1			25.1			25.5
Std. Deviation =			10.1			11.9			7.71			10
*Network Mean =			27			27			27			27
Natl. Mean =												
% Sat% < 50			98%			93%			99%			98%

*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.

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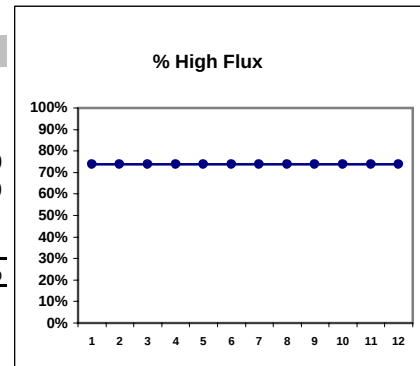
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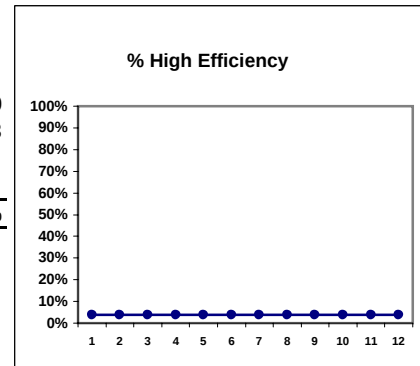
VI. OTHERS

Dialyzer ratios

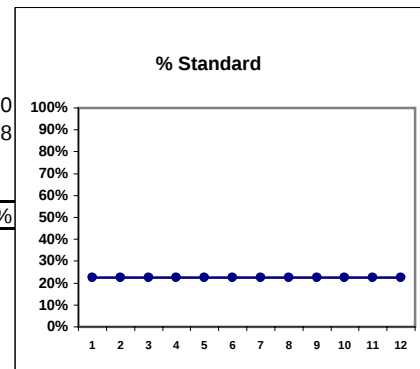
	D	D	D	D	D	D	D	D	D	D	D	D
# Dialyzers	80	80	80	80	80	80	80	80	80	80	80	80
# High Flux	59	59	59	59	59	59	59	59	59	59	59	59
Network %												
Natl. %												
% High Flux	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%



# Dialyzers	80	80	80	80	80	80	80	80	80	80	80	80
# High Efficiency	3	3	3	3	3	3	3	3	3	3	3	3
Network %												
Natl. %												
% High Efficiency	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%



# Dialyzers	80	80	80	80	80	80	80	80	80	80	80	80
# Standard	18	18	18	18	18	18	18	18	18	18	18	18
Network %												
Natl. %												
% Standard	23%	23%	23%	23%	23%	23%	23%	23%	23%	23%	23%	23%



*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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