



## Mt Rainier 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, 2002

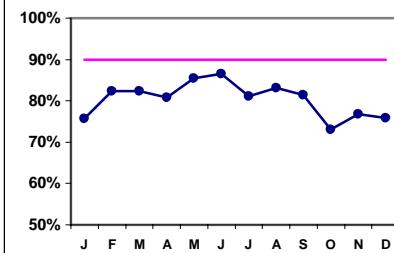
### I. ADEQUACY OF DIALYSIS - CONT.

	J	F	M	A	M	J	J	A	S	O	N	D
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#### Blood Pressure Control (Pre)

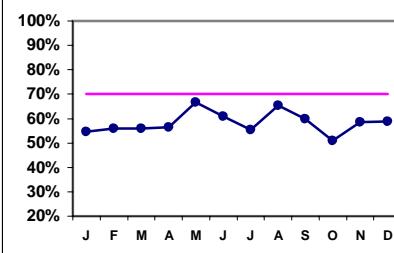
# Pre Dia BP	99	102	102	99	96	97	101	101	97	100	99	112
# Pre Dia BP < 90	75	84	84	80	82	84	82	84	79	73	76	85
Pop. Mean =	81.9	81.5	82	80.7	80.2	81.3	81.5	78.9	80.9	81.7	81.5	82
Std. Deviation =	11.1	13.2	12.7	9.85	9.55	14.3	13.8	10.7	13.1	11.3	11.8	11
Network Mean =												
Natl. Mean =												
% Pre Dia BP < 90	76%	82%	82%	81%	85%	87%	81%	83%	81%	73%	77%	76%

% Pre Dia BP < 90



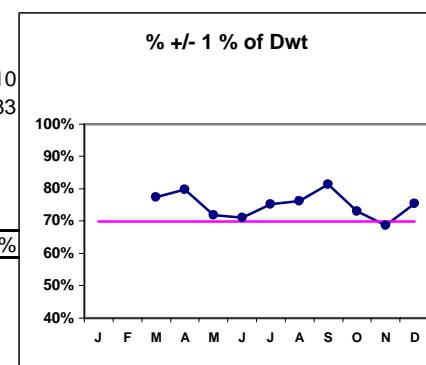
# Pre Sys BP	99	102	102	99	96	97	101	101	97	100	99	112
# Pre Sys BP < 150	54	57	57	56	64	59	56	66	58	51	58	66
Pop. Mean =	149	147	148	147	145	145	146	144	146	148	148	147
Std. Deviation =	16.9	17.6	17.2	17.4	16.7	16.4	16.2	15.7	16.3	17.7	17.5	18.7
Network Mean =												
Natl. Mean =												
%Pre Sys BP <150	55%	56%	56%	57%	67%	61%	55%	65%	60%	51%	59%	59%

% Pre Sys BP < 150



# Post/Dwt	102	99	96	97	101	101	97	100	99	110
# +/- 1% Dwt	79	79	69	69	76	77	79	73	68	83
% +/- 1% of Dwt	77%	80%	72%	71%	75%	76%	81%	73%	69%	75%

% +/- 1% of Dwt



\*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.

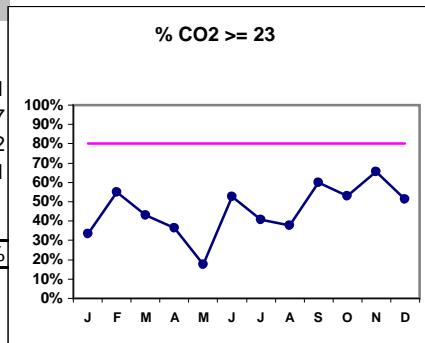
## Mt Rainier Kidney Center - Center Hemodialysis

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

Through period ending Dec. 31, 2002

### I. ADEQUACY OF DIALYSIS - CONT.

	J	F	M	A	M	J	J	A	S	O	N	D
# CO2	99	102	102	99	96	97	101	101	97	100	99	111
# CO2 >= 23	33	56	44	36	17	51	41	38	58	53	65	57
Pop. Mean =	21	22	22	22	21	23	22	22	23	23	23	22
Std. Deviation =	2.68	2.33	2.27	2.44	2.26	2.38	2.43	2.37	2.39	2.13	2.02	3.21
Network Mean =												
Natl. Mean =												
% CO2 >= 23	33%	55%	43%	36%	18%	53%	41%	38%	60%	53%	66%	51%



\*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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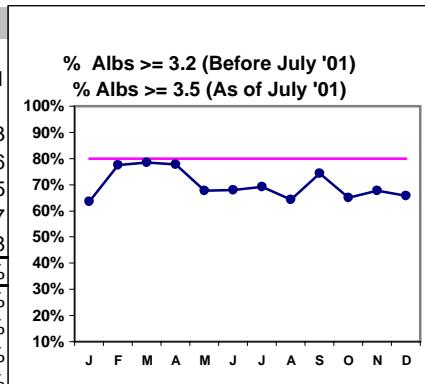
Through period ending Dec. 31, 2002

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

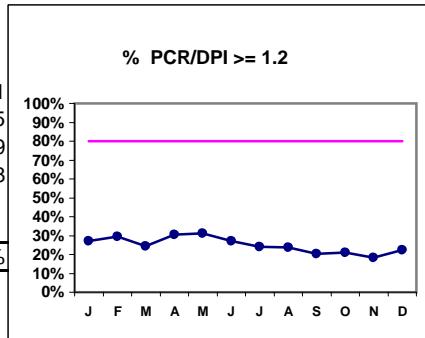
### II. NUTRITION

	J	F	M	A	M	J	J	A	S	O	N	D
# Albumin	99	102	102	99	96	97	101	101	97	100	99	111
# Albumin >= 3.5	63	79	80	77	65	66	70	65	72	65	67	73
Pop. Mean =	3.5	3.7	3.6	3.7	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6
Std. Deviation =	0.29	0.3	0.31	0.28	0.32	0.31	0.34	0.3	0.32	0.33	0.32	0.35
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	64%	77%	78%	78%	68%	68%	69%	64%	74%	65%	68%	66%
MRKC % >= 3.7	31%	48%	45%	49%	40%	44%	49%	43%	46%	47%	44%	50%
MRKC % >= 4.0	6%	18%	17%	18%	7%	10%	20%	13%	15%	17%	15%	21%
*Natl % >= 3.5-BCG	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%
*Natl. % >= 4.0-BCC	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%
*Netwk%>=3.5 BCC	79%	79%	79%	79%	79%	79%	79%	79%	79%	79%	79%	79%
*Netwk%>=4.0 BCC	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%

\*Figures for 2000



# PCR/DPI	99	102	102	98	96	96	100	97	94	100	99	111
# PCR/DPI >= 1.2	27	30	25	30	30	26	24	23	19	21	18	25
Pop. Mean =	1.05	1.02	1.02	1.03	1.07	1.02	1.01	1	0.95	0.99	0.97	0.99
Std. Deviation =	0.23	0.22	0.22	0.21	0.26	0.27	0.23	0.22	0.2	0.25	0.23	0.28
Network Mean =												
Natl. Mean =												
% PCR/DPI >= 1.2	27%	29%	25%	31%	31%	27%	24%	24%	20%	21%	18%	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.

### Mt Rainier Kidney Center - Center Hemodialysis

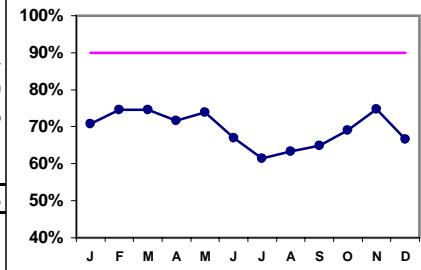
Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)

Through period ending Dec. 31, 2002

#### III. OSTEODYSTROPHY

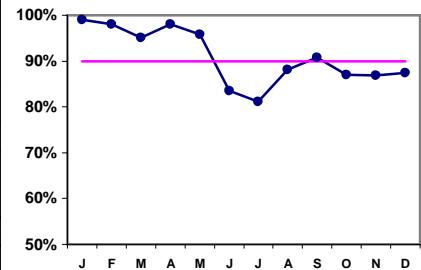
	J	F	M	A	M	J	J	A	S	O	N	D
# PO4	99	102	102	99	96	97	101	101	97	100	99	111
# PO4 < 6.0	70	76	76	71	71							
# PO4 < 5.5						65	62	64	63	69	74	74
Pop. Mean =	5.2	5.1	5.0	5.2	5.1	5.1	5.0	5.1	5.1	4.9	4.8	5.0
Std. Deviation	1.6	1.28	1.34	1.32	1.24	1.48	1.42	1.37	1.18	1.13	1.34	1.25
Network Mean =												
Natl. Mean =												
% PO4 < 6.0 or 5.5	71%	75%	75%	72%	74%	67%	61%	63%	65%	69%	75%	67%

% PO4 < 6.0 (Before June '02)  
% PO4 < 5.5 (As of June '02)



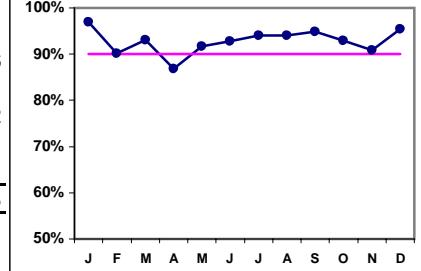
# PO4	99	102	102	99	96	97	101	101	97	100	99	111
# PO4 > 3.0	98	100	97	97	92							
# PO4 > 3.5						81	82	89	88	87	86	97
Pop. Mean =	5.2	5.1	5.0	5.2	5.1	5.1	5.0	5.1	5.1	4.9	4.8	5.0
Std. Deviation	1.6	1.28	1.34	1.32	1.24	1.48	1.42	1.37	1.18	1.13	1.34	1.25
Network Mean =												
Natl. Mean =												
% PO4 > 3.0 or 3.5	99%	98%	95%	98%	96%	84%	81%	88%	91%	87%	87%	87%

% PO4 > 3.0 (Before June '02)  
% PO4 > 3.5 (As of June '02)



# Calcium	99	102	102	99	96	97	101	101	97	100	99	111
# Calcium < 11.0	96											
# Calcium < 10.2		92	95	86	88	90	95	95	92	93	90	106
Pop. Mean =	9.2	9.3	9.2	9.4	9.3	9.3	9.3	9.1	9.3	9.2	9.3	9.1
Std. Deviation	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.6	0.6	0.7	0.7	0.62
Network Mean =												
Natl. Mean =												
% Ca < 11.0 or 10.2	97%	90%	93%	87%	92%	93%	94%	94%	95%	93%	91%	95%

% Ca < 11.0 (Before Feb. '02)  
% Ca < 10.2 (As of Feb. '02)



\*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.

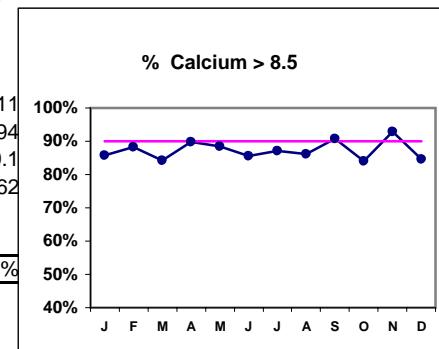
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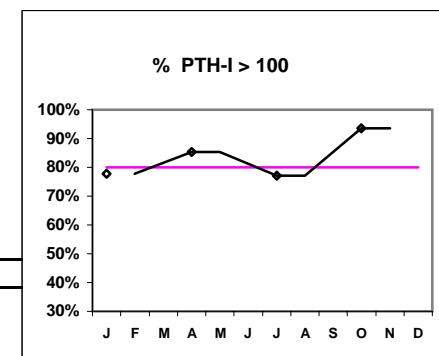
Through period ending Dec. 31, 2002

#### III. OSTEODYSTROPHY - CONT.

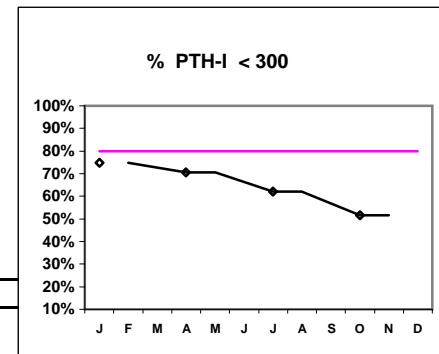
	J	F	M	A	M	J	J	A	S	O	N	D
# Calcium	99	102	102	99	96	97	101	101	97	100	99	111
# Calcium > 8.5	85	90	86	89	85	83	88	87	88	84	92	94
Pop. Mean =	9.2	9.3	9.2	9.4	9.3	9.3	9.3	9.1	9.3	9.2	9.3	9.1
Std. Deviation =	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.6	0.6	0.7	0.7	0.62
Network Mean =												
Natl. Mean =												
% Calcium > 8.5	86%	88%	84%	90%	89%	86%	87%	86%	91%	84%	93%	85%



# PTH-I	99	68	100	31
# PTH-I > 100	77	58	77	29
Pop. Mean =	254	315	316	331
Std. Deviation =	241	296	303	233
Network Mean =				
Natl. Mean =				
% PTH-I > 100	78%	85%	77%	94%



# PTH-I	99	68	100	31
# PTH-I < 300	74	48	62	16
Pop. Mean =	254	315	316	331
Std. Deviation =	241	296	303	233
Network Mean =				
Natl. Mean =				
% PTH-I < 300	75%	71%	62%	52%



\*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.

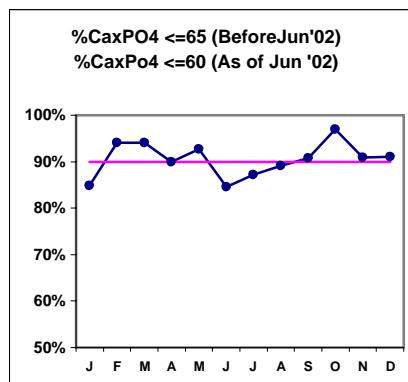
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#### III. OSTEODYSTROPHY - CONT.

	J	F	M	A	M	J	J	A	S	O	N	D
# Ca x PO4	99	102	102	99	96	97	101	101	97	100	99	111
# Ca x PO4 <= 65	84	96	96	89	89							
# Ca x PO4 <= 60						82	88	90	88	97	90	101
Pop. Mean =	48.2	47.2	45.9	48.2	47.4	46.6	45.9	46.6	46.6	44.2	44.5	45.1
Std. Deviation =	15.3	12.1	13.0	12.6	12.2	13.4	13.2	12.2	10.8	10.1	12.6	11.5
Network Mean =												
Natl. Mean =												
CaxPO4 <= 65or60	85%	94%	94%	90%	93%	85%	87%	89%	91%	97%	91%	91%



\*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.

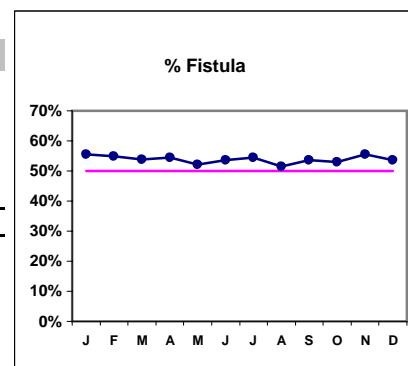
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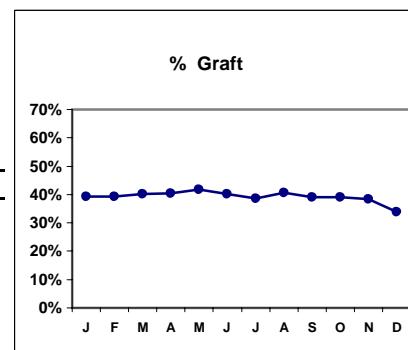
Through period ending Dec. 31, 2002

### IV. ACCESS

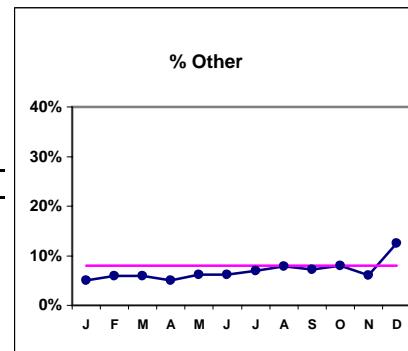
	J	F	M	A	M	J	J	A	S	O	N	D
# Access	99	102	102	99	96	97	101	101	97	100	99	112
# Fistula	55	56	55	54	50	52	55	52	52	53	55	60
Network %												
Natl. % - 2000	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%
% Fistula	56%	55%	54%	55%	52%	54%	54%	51%	54%	53%	56%	54%



# Access	99	102	102	99	96	97	101	101	97	100	99	112
# Graft	39	40	41	40	40	39	39	41	38	39	38	38
Network %												
Natl. %												
% Graft	39%	39%	40%	40%	42%	40%	39%	41%	39%	39%	38%	34%



# Access	99	102	102	99	96	97	101	101	97	100	99	112
# Other	5	6	6	5	6	6	7	8	7	8	6	14
Network %												
Natl. %												
% Other	5%	6%	6%	5%	6%	6%	7%	8%	7%	8%	6%	13%



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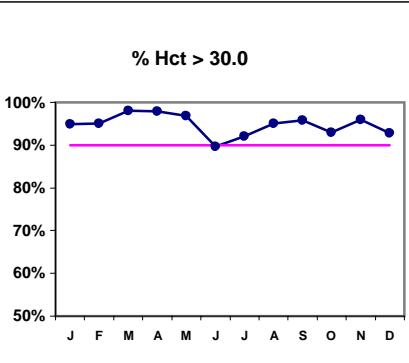
Through period ending Dec. 31, 2002

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

#### V. ANEMIA

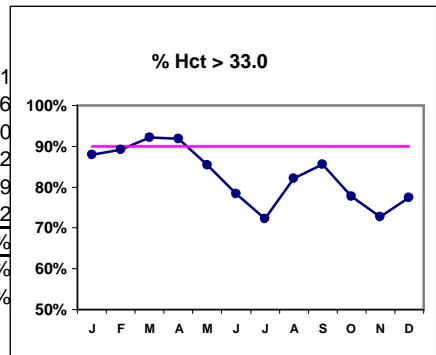
	J	F	M	A	M	J	J	A	S	O	N	D
# Hct	99	102	102	98	96	97	101	101	97	99	99	111
# Hct > 30.0	94	97	100	96	93	87	93	96	93	92	95	103
Pop. Mean =	36.9	36.6	36.9	36.7	36.0	35.5	35.4	35.7	35.8	35.0	35.4	36.0
Std. Deviation =	4.1	3.7	3.4	3.2	3.5	3.9	3.9	3.6	3.7	3.4	3.8	4.62
Network Mean =	33.9	33.9	33.9	33.9	33.9	33.9	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	95%	95%	98%	98%	97%	90%	92%	95%	96%	93%	96%	93%
*% 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



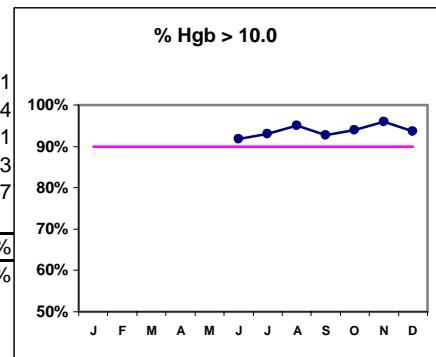
# Hct	99	102	102	98	96	97	101	101	97	99	99	111
# Hct > 33.0	87	91	94	90	82	76	73	83	83	77	72	86
Pop. Mean =	36.9	36.6	36.9	36.7	36.0	35.5	35.4	35.7	35.8	35.0	35.4	36.0
Std. Deviation =	4.1	3.7	3.4	3.2	3.5	3.9	3.9	3.6	3.7	3.4	3.8	4.62
Network Mean =	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	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	88%	89%	92%	92%	85%	78%	72%	82%	86%	78%	73%	77%
*% 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



# Hgb	97	101	101	97	100	99	111
# Hgb > 10.0	89	94	96	90	94	95	104
Pop. Mean =	11.8	11.9	11.8	11.9	11.7	11.9	12.1
Std. Deviation =	1.31	1.27	1.19	1.23	1.15	1.24	1.53
*Network Mean =	11.7	11.7	11.7	11.7	11.7	11.7	11.7
Natl. Mean =	11.7	11.7	11.7	11.7	11.7	11.7	11.7
% Hgb > 10.0	92%	93%	95%	93%	94%	96%	94%
*% Network >= 10	93%	93%	93%	93%	93%	93%	93%

\*Figures for 2000



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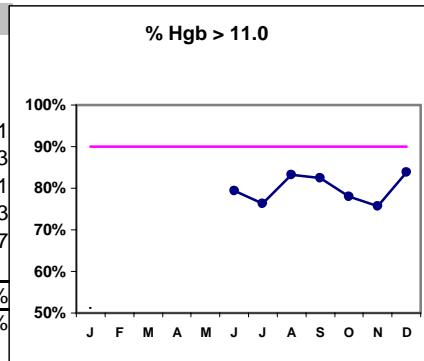
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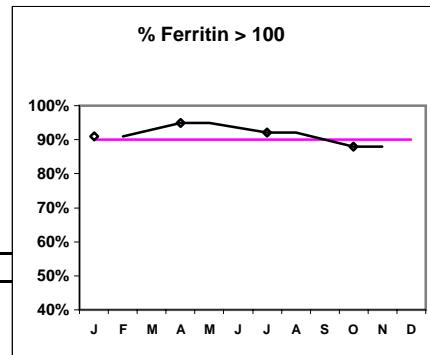
### V. ANEMIA - CONT.

	J	F	M	A	M	J	J	A	S	O	N	D
# Hgb						97	101	101	97	100	99	111
# Hgb > 11.0						77	77	84	80	78	75	93
Pop. Mean =						11.8	11.9	11.8	11.9	11.7	11.9	12.1
Std. Deviation =						1.31	1.27	1.19	1.23	1.15	1.24	1.53
*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						79%	76%	83%	82%	78%	76%	84%
*% Network >= 11	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%
*Figures for 2000												

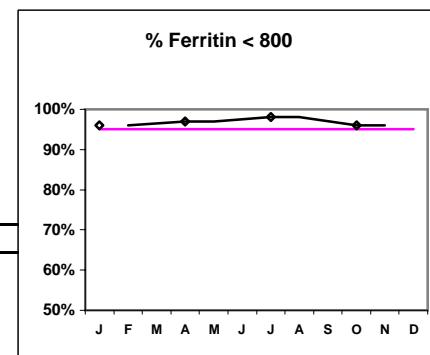


### Iron Profile

# Ferritin	99	99	101	99
# Ferritin > 100	90	94	93	87
Pop. Mean =	342	373	382	413
Std. Deviation =	219	202	201	532
*Network Mean =	489	489	489	489
Natl. Mean =				
% Ferritin > 100	91%	95%	92%	88%
*% Network > 100	88%	88%	88%	88%
*Figures for 2000				



# Ferritin	99	99	101	99
# Ferritin < 800	95	96	99	95
Pop. Mean =	342	373	382	413
Std. Deviation =	219	202	201	532
*Network Mean =	489	489	489	489
Natl. Mean =				
% Ferritin < 800	96%	97%	98%	96%
*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.

### Mt Rainier Kidney Center - Center Hemodialysis

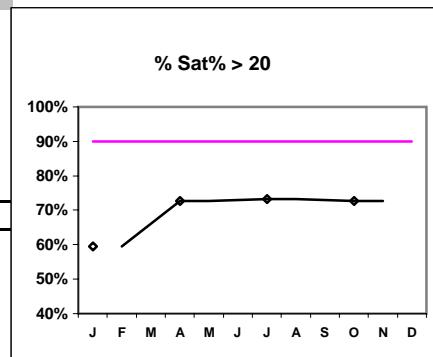
Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)

Through period ending Dec. 31, 2002

#### V. ANEMIA - CONT.

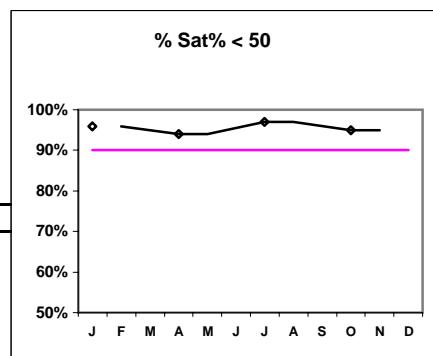
	J	F	M	A	M	J	J	A	S	O	N	D
# % Sat	99		99		101			99				
# % Sat > 20	59		72		74			72				
Pop. Mean =	25.2		27.8		25.6			27.6				
Std. Deviation =	10.9		11.3		11			11.8				
*Network Mean =	28		28		28			28				
Natl. Mean =												
% Sat% > 20	60%		73%		73%			73%				
*% Network > 20	71%		71%		71%			71%				

\*Figures for 2000



# % Sat	99	99	101	99
# % Sat < 50	95	93	98	94
Pop. Mean =	25.2	27.8	25.6	27.6
Std. Deviation =	10.9	11.3	11	11.8
*Network Mean =	28	28	28	28
Natl. Mean =				
% Sat% < 50	96%	94%	97%	95%

\*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.