

# Mt. Rainier Kidney Center - Center Hemodialysis

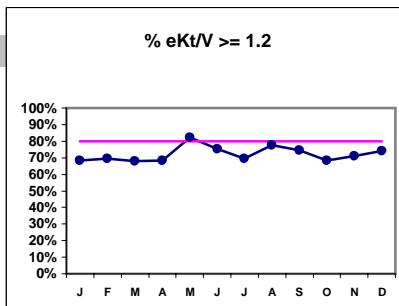
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Quality Assurance Reports (Excludes patients in first 6 months of treatment)

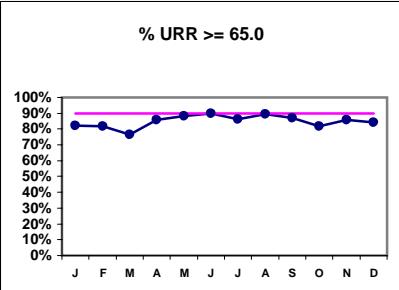
Through period ending Dec. 31, 2000

## I. ADEQUACY OF DIALYSIS

	J	F	M	A	M	J	J	A	S	O	N	D
# eKt/V	73	72	72	76	74	77	79	85	86	92	93	89
# eKt/V >= 1.2	50	50	49	52	61	58	55	66	64	63	66	66
Pop. Mean =	1.26	1.25	1.29	1.29	1.36	1.35	1.32	1.60	1.31	1.30	1.26	1.28
Std. Deviation =	0.19	0.19	0.21	0.22	0.32	0.24	0.24	2.36	0.21	0.25	0.23	0.22
Network Mean =												
Natl. Mean =												
% eKt/V >= 1.2	68%	69%	68%	68%	82%	75%	70%	78%	74%	68%	71%	74%

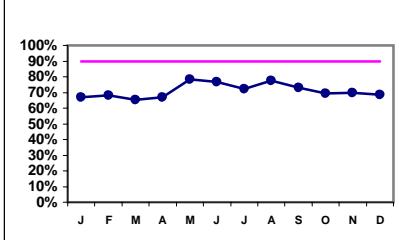


# URR	79	72	72	77	76	78	81	85	86	93	93	89
# URR >= 65.0	65	59	55	66	67	70	70	76	75	76	80	75
Pop. Mean =	71.2	70.0	69.2	70.2	71.3	71.2	72.1	72.1	71.7	70.9	70.4	70.9
Std. Deviation =	8.69	7.91	6.90	6.55	5.22	6.09	7.35	5.94	6.33	6.64	7.73	7.0
*Network Mean =	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	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%	82%	76%	86%	88%	90%	86%	89%	87%	82%	86%	84%
*Network % > 65.0	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%
Natl. % > 65.0	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%



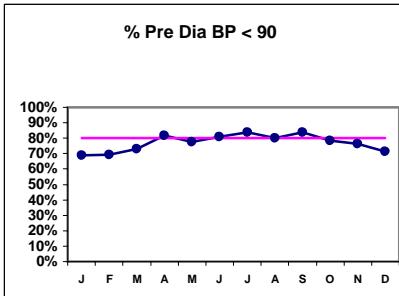
\* Figures for 2000

# Kt/V	73	72	72	76	74	77	79	85	86	92	93	89
# Kt/V >= 1.4	49	49	47	51	58	59	57	66	63	64	65	61
Pop. Mean =	1.46	1.45	1.50	1.50	1.58	1.57	1.54	1.86	1.52	1.50	1.46	1.49
Std. Deviation =	0.22	0.22	0.24	0.26	0.36	0.28	0.28	2.77	0.26	0.29	0.27	0.27
Network Mean =												
*Natl. Mean =	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	67%	68%	65%	67%	78%	77%	72%	78%	73%	70%	70%	69%
% Kt/V > 1.2	90%	86%	92%	89%	95%	92%	91%	95%	93%	89%	88%	87%
*Network % > 1.2	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%
*Natl. % > 1.2	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%



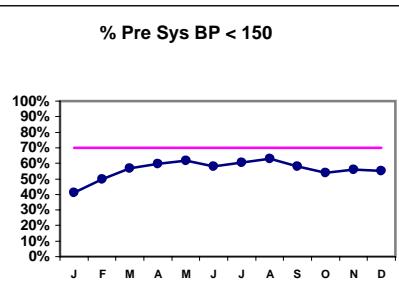
## Blood Pressure Control (Pre)

# Pre Dia BP	80	72	74	77	76	79	81	86	86	93	93	91
# Pre Dia BP < 90	55	50	54	63	59	64	68	69	72	73	71	65
Pop. Mean =	83	82	82	80	81	81	81	82	81	81	81	83
Std. Deviation =	14.0	12.7	12.0	11.9	13.5	14.0	17.8	12.0	11.7	11.1	12.9	15
Network Mean =												
Natl. Mean =												
% Pre Dia BP < 90	69%	69%	73%	82%	78%	81%	84%	80%	84%	78%	76%	71%



## Pre Sys BP < 150

# Pre Sys BP	80	72	74	77	76	79	81	86	86	93	93	91
# Pre Sys BP < 150	33	36	42	46	47	46	49	54	50	50	52	50
Pop. Mean =	153	151	149	147	146	146	144	145	147	148	147	148
Std. Deviation =	20.7	21.8	20.3	21.3	20.1	18.8	19.4	18.5	18.7	19.0	22.5	19
Network Mean =												
Natl. Mean =												
% Pre Sys BP < 150	41%	50%	57%	60%	62%	58%	60%	63%	58%	54%	56%	55%



\*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.

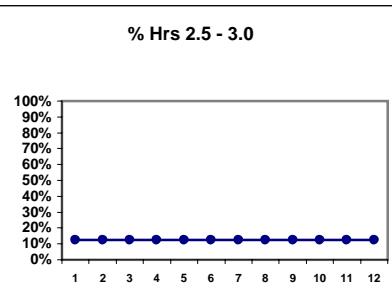
**Mt. Rainier Kidney Center - Center Hemodialysis**  
**Quality Assurance Reports (Excludes patients in first 6 months of treatment)**  
**Through period ending Dec. 31, 2000**

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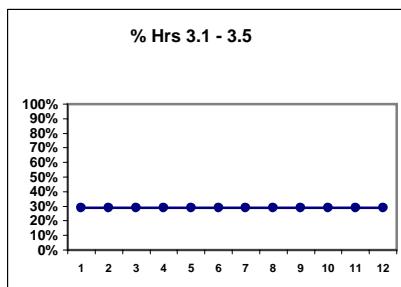
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**I. ADEQUACY OF DIALYSIS - CONT.**

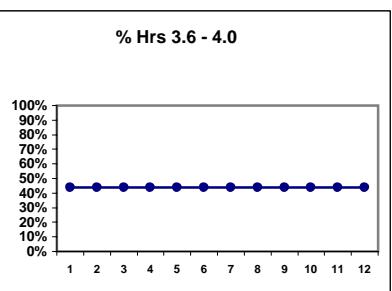
	J	J	J	J	J	J	J	J	J	J	J
# Dialysis Hrs	80	80	80	80	80	80	80	80	80	80	80
# Hrs. 2.5 - 3.0	10	10	10	10	10	10	10	10	10	10	10
Pop. Mean =	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Std. Deviation =	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
Network Mean =											
Natl. Mean =											
% Hrs.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



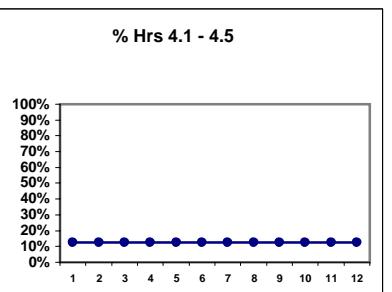
	J	J	J	J	J	J	J	J	J	J	J
# Dialysis Hrs	80	80	80	80	80	80	80	80	80	80	80
# Hrs 3.1 - 3.5	23	23	23	23	23	23	23	23	23	23	23
Pop. Mean =	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Std. Deviation =	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
Network Mean =											
Natl. Mean =											
% Hrs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



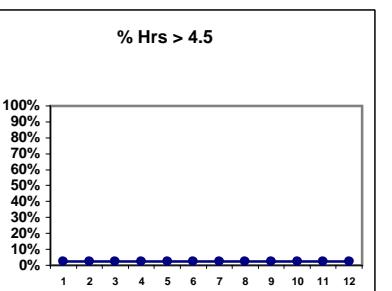
	J	J	J	J	J	J	J	J	J	J	J
# Dialysis Hrs	80	80	80	80	80	80	80	80	80	80	80
# Hrs 3.6 - 4.0	35	35	35	35	35	35	35	35	35	35	35
Pop. Mean =	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Std. Deviation =	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
Network Mean =											
Natl. Mean =											
% Hrs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



	J	J	J	J	J	J	J	J	J	J	J
# Dialysis Hrs	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
Pop. Mean =	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
Network Mean =											
Natl. Mean =											
% Hrs 4.1 - 4.5	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%



	J	J	J	J	J	J	J	J	J	J	J
# Dialysis Hrs	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
Pop. Mean =	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
Network Mean =											
Natl. Mean =											
% Hrs > 4.5	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%



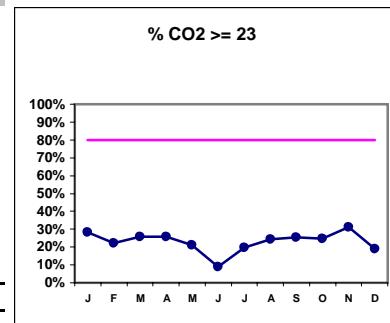
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**Through period ending Dec. 31, 2000**

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**I. ADEQUACY OF DIALYSIS - CONT.**

	J	F	M	A	M	J	J	A	S	O	N	D
# CO2	78	72	74	77	76	79	81	86	86	93	93	90
# CO2 >= 23	22	16	19	20	16	7	16	21	22	23	29	17
Pop. Mean =	21	21	20	21	20	19	21	21	21	21	21	20
Std. Deviation =	3.93	2.34	3.14	2.65	2.46	2.41	2.38	2.97	2.52	2.71	2.72	3.43
Network Mean =												
Natl. Mean =												
% CO2 >= 23	28%	22%	26%	26%	21%	9%	20%	24%	26%	25%	31%	19%



\*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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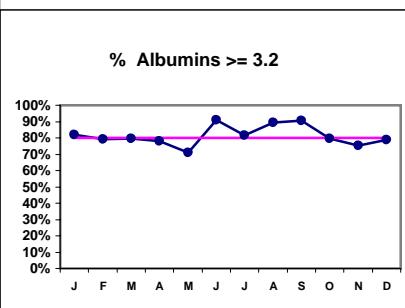
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\*Albumin values use BCP method)

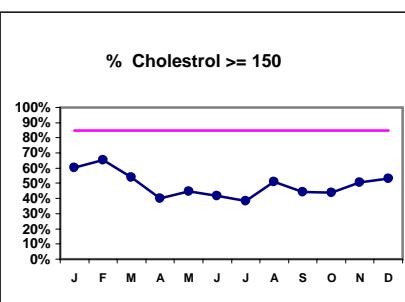
## II. NUTRITION

	J	F	M	A	M	J	J	A	S	O	N	D
# Albumin	78	72	74	77	76	79	81	86	86	93	93	90
# Albumin >= 3.2	64	57	59	60	54	72	66	77	78	74	70	71
Pop. Mean =	3.5	3.5	3.4	3.5	3.4	3.7	3.5	3.7	3.6	3.4	3.4	3.4
Std. Deviation =	0.39	0.41	0.44	0.42	0.45	0.45	0.43	0.52	0.47	0.46	0.46	0.51
*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 =	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
% Albumin >= 3.2	82%	79%	80%	78%	71%	91%	81%	90%	91%	80%	75%	79%
*Network % >= 3.2	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%
Natl. % >= 3.2	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%
Natl. % >= 3.7	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%

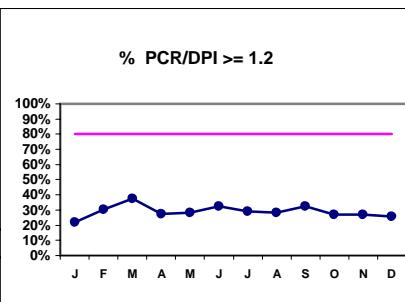
\*Figures for 2000



# Cholesterol	78	72	74	77	76	79	81	86	86	93	93	90
# Chol. >= 150	47	47	40	31	34	33	31	44	38	41	47	48
Pop. Mean =	152	156	155	148	145	143	146	151	149	152	155	153
Std. Deviation =	45.6	37.5	37.9	33.4	37.2	35.6	33.2	35.9	36.8	37.0	37.4	40.5
Network Mean =												
Natl. Mean =												
% Chol. >= 150	60%	65%	54%	40%	45%	42%	38%	51%	44%	44%	51%	53%



# PCR/DPI	73	72	72	76	74	77	79	85	86	92	93	89
# PCR/DPI >= 1.2	16	22	27	21	21	25	23	24	28	25	25	23
Pop. Mean =	0.97	1.05	1.05	1.02	1.04	1.07	1.05	1.03	1.08	1.02	1.02	1.03
Std. Deviation =	0.21	0.28	0.28	0.26	0.24	0.23	0.26	0.23	0.25	0.24	0.26	0.26
Network Mean =												
Natl. Mean =												
% PCR/DPI >= 1.2	22%	31%	38%	28%	28%	32%	29%	28%	33%	27%	27%	26%



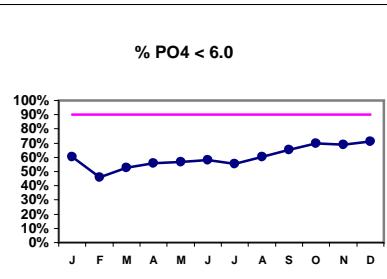
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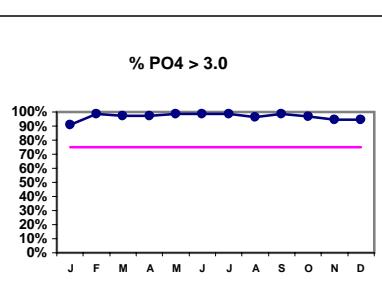
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**III. OSTEODYSTROPHY**

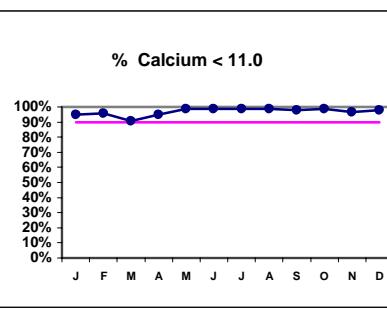
	J	F	M	A	M	J	J	A	S	O	N	D
# PO4	78	72	74	77	76	79	81	86	86	93	93	90
# PO4 < 6.0	47	33	39	43	43	46	45	52	56	65	64	64
Pop. Mean =	5.5	6.1	5.8	5.8	5.9	5.9	5.8	5.6	5.5	5.3	5.4	5.2
Std. Deviation	1.81	1.54	1.59	1.54	1.71	1.59	1.55	1.57	1.58	1.54	1.66	1.54
Network Mean =												
Natl. Mean =												
% PO4 < 6.0	60%	46%	53%	56%	57%	58%	56%	60%	65%	70%	69%	71%



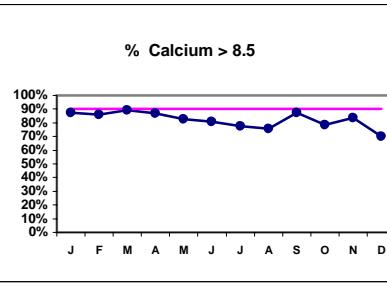
# PO4	78	72	74	77	76	79	81	86	86	93	93	90
# PO4 > 3.0	71	71	72	75	75	78	80	83	85	90	88	85
Pop. Mean =	5.5	6.1	5.8	5.8	5.9	5.9	5.8	5.6	5.5	5.3	5.4	5.2
Std. Deviation	1.81	1.54	1.59	1.54	1.71	1.59	1.55	1.57	1.58	1.54	1.66	1.54
Network Mean =												
Natl. Mean =												
% PO4 > 3.0	91%	99%	97%	97%	99%	99%	99%	97%	99%	97%	95%	94%



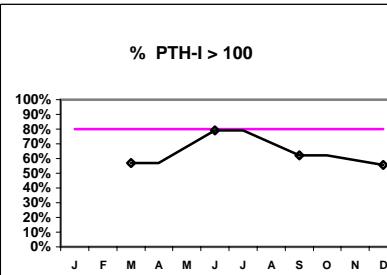
# Calcium	78	72	74	77	76	79	81	86	86	93	93	90
# Calcium < 11.0	74	69	67	73	75	78	80	85	84	92	90	88
Pop. Mean =	9.4	9.5	9.6	9.4	9.2	9.2	9.1	9.0	9.3	9.2	9.3	9.0
Std. Deviation	0.88	0.86	0.89	0.88	0.71	0.75	0.80	0.78	0.74	0.78	0.76	0.9
Network Mean =												
Natl. Mean =												
% Calcium < 11.0	95%	96%	91%	95%	99%	99%	99%	99%	98%	99%	97%	98%



# Calcium	78	72	74	77	76	79	81	86	86	93	93	90
# Calcium > 8.5	68	62	66	67	63	64	63	65	75	73	78	63
Pop. Mean =	9.4	9.5	9.6	9.4	9.2	9.2	9.1	9.0	9.3	9.2	9.3	9.0
Std. Deviation	0.88	0.86	0.89	0.88	0.71	0.75	0.80	0.78	0.74	0.78	0.76	0.9
Network Mean =												
Natl. Mean =												
% Calcium > 8.5	87%	86%	89%	87%	83%	81%	78%	76%	87%	78%	84%	70%



# PTH-I	72		43		85		86
# PTH-I > 100	41		34		53		48
Pop. Mean =	171		150		184		176
Std. Deviation =	216		229		175		211
Network Mean =							
Natl. Mean =							
% PTH-I > 100	57%		79%		62%		56%



\*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.

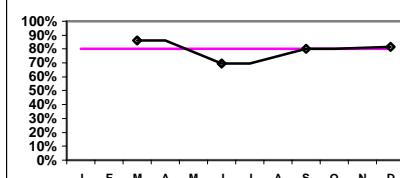
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**III. OSTEODYSTROPHY - CONT.**

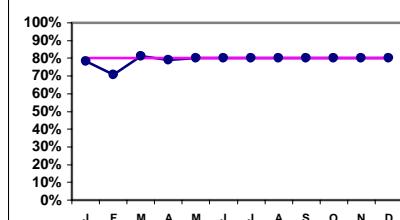
	J	F	M	A	M	J	J	A	S	O	N	D
# PTH-I		72			43			85		86		
# PTH-I < 300		62			30			68		70		
Pop. Mean =		171			150			184		176		
Std. Deviation =		216			229			175		211		
Network Mean =												
Natl. Mean =												
% PTH-I < 300		86%			70%			80%		81%		

% PTH-I < 300



# Ca x PO4	78	72	74	77	76	79	81	86	86	93	93	90
# Ca x PO4 <= 65	61	51	60	61	61	62	67	72	74	82	79	81
Pop. Mean =	52.0	57.7	55.4	54.7	54.2	54.0	52.8	50.2	50.8	48.2	49.5	47.0
Std. Deviation =	18.1	15.3	14.8	13.9	15.7	15.3	13.7	13.2	13.3	13.5	14.6	12.5
Network Mean =												
Natl. Mean =												
% Ca x PO4 <= 65	78%	71%	81%	79%	80%	80%	80%	80%	80%	80%	80%	80%

% Ca x PO4 <= 65



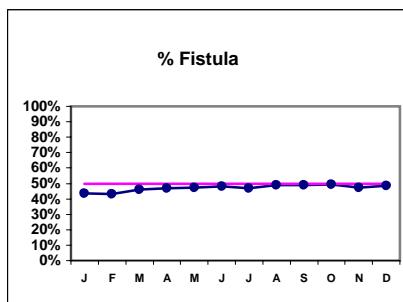
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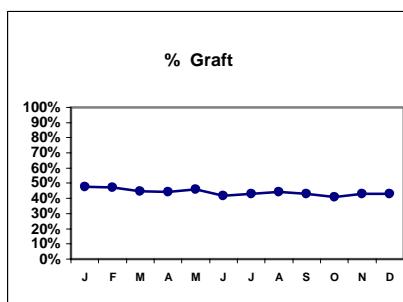
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**IV. ACCESS**

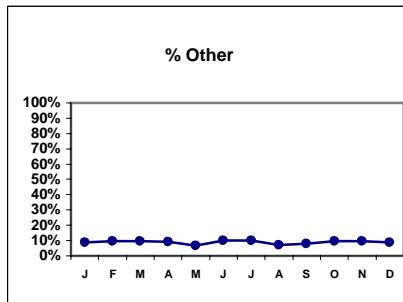
	J	F	M	A	M	J	J	A	S	O	N	D
# Access	80	72	74	77	76	79	81	86	86	93	93	91
# Fistula	35	31	34	36	36	38	38	42	42	46	44	44
Network %												
Natl. % - 1999	26%	26%	26%	26%	26%	26%	26%	26%	26%	26%	26%	26%
% Fistula	44%	43%	46%	47%	47%	48%	47%	49%	49%	49%	47%	48%



# Access	80	72	74	77	76	79	81	86	86	93	93	91
# Graft	38	34	33	34	35	33	35	38	37	38	40	39
Network %												
Natl. %												
% Graft	48%	47%	45%	44%	46%	42%	43%	44%	43%	41%	43%	43%



# Access	80	72	74	77	76	79	81	86	86	93	93	91
# Other	7	7	7	7	5	8	8	6	7	9	9	8
Network %												
Natl. %												
% Other	9%	10%	9%	9%	7%	10%	10%	7%	8%	10%	10%	9%



\*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.

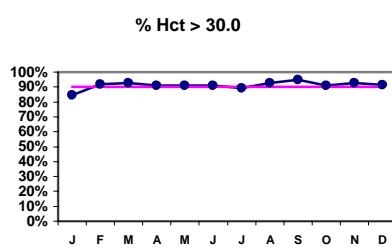
**Mt. Rainier Kidney Center - Center Hemodialysis**  
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**Through period ending Dec. 31, 2000**

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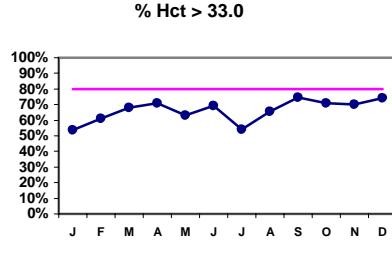
**V. ANEMIA**

	J	F	M	A	M	J	J	A	S	O	N	D
# Hct	78	72	69	76	68	78	76	84	79	79	84	81
# Hct > 30.0	66	66	64	69	62	71	68	78	75	72	78	74
Pop. Mean =	34.5	35.3	35.8	35.2	34.8	34.9	34.5	35.1	35.7	35.0	35.5	35.6
Std. Deviation =	3.93	4.39	4.24	4.09	3.83	3.77	3.99	3.89	4.28	4.38	4.39	3.7
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	85%	92%	93%	91%	91%	91%	89%	93%	95%	91%	93%	91%
*% 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



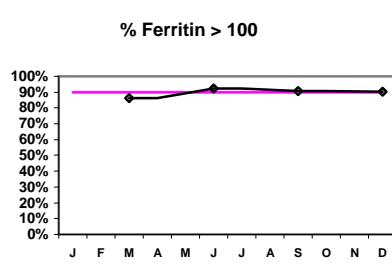
# Hct	78	72	69	76	68	78	76	84	79	79	84	81
# Hct > 33.0	42	44	47	54	43	54	41	55	59	56	59	60
Pop. Mean =	34.5	35.3	35.8	35.2	34.8	34.9	34.5	35.1	35.7	35.0	35.5	35.6
Std. Deviation =	3.93	4.39	4.24	4.09	3.83	3.77	3.99	3.89	4.28	4.38	4.39	3.7
*Network Mean =	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	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	54%	61%	68%	71%	63%	69%	54%	65%	75%	71%	70%	74%
*% Network > 33.0	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%
% Natl. > 33.0	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%



\*Figures for 2000

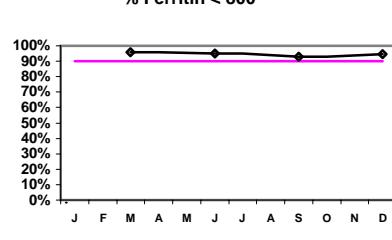
Iron Profile

# Ferritin	72	79	85	91
# Ferritin > 100	62	73	77	82
Pop. Mean =	263	405	426	334
Std. Deviation =	236	256	622	234
*Network Mean =	428	428	428	428
Natl. Mean =				
% Ferritin > 100	86%	92%	91%	90%
*% Network > 100	86%	86%	86%	86%



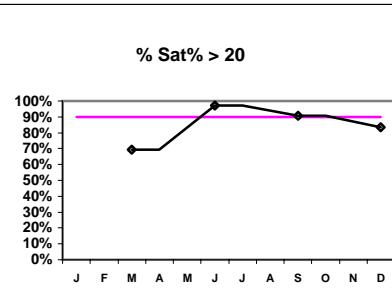
\*Figures for 2000

# Ferritin	72	79	85	91
# Ferritin < 800	69	75	79	86
Pop. Mean =	263	405	426	334
Std. Deviation =	236	256	622	234
*Network Mean =	428	428	428	428
Natl. Mean =				
% Ferritin < 800	96%	95%	93%	95%



\*Figures for 2000

# % Sat	72	69	85	91
# % Sat > 20	50	67	77	76
Pop. Mean =	26.5	42.8	37.8	29.6
Std. Deviation =	9.5	14.1	13.7	13.2
*Network Mean =	27.0	27.0	27.0	27.0
Natl. Mean =				
% Sat% > 20	69%	97%	91%	84%
*% 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.

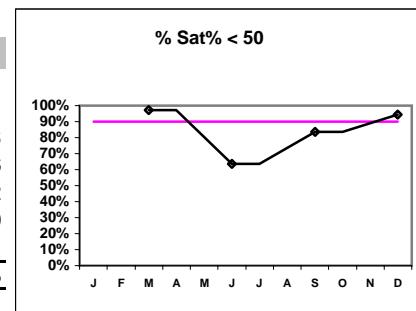
**Mt. Rainier Kidney Center - Center Hemodialysis**  
**Quality Assurance Reports (Excludes patients in first 6 months of treatment)**  
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**V. ANEMIA - CONT.**

	J	F	M	A	M	J	J	A	S	O	N	D
# % Sat		72		69		85		91				
# % Sat < 50		70		44		71		86				
Pop. Mean =		26.5		42.8		37.8		29.6				
Std. Deviation =		9.5		14.1		13.7		13.2				
*Network Mean =		27.0		27.0		27.0		27.0				
Natl. Mean =												
% Sat% < 50		97%		64%		84%		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.

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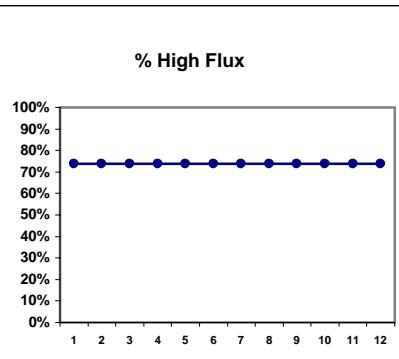
**DO NOT USE THIS PAGE!!!**

**VI. OTHERS**

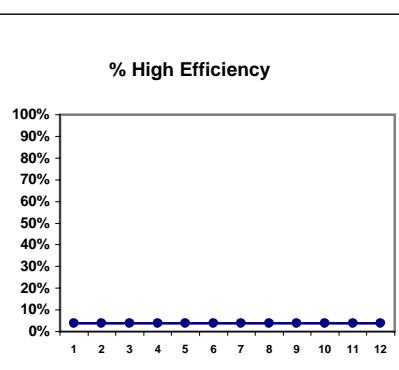
D D D D D D D D D D D D

Dialyzer ratios

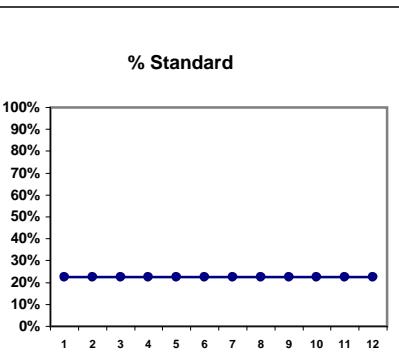
# Dialyzers	80	80	80	80	80	80	80	80	80	80	80	80
# High Flux	59	59	59	59	59	59	59	59	59	59	59	59
Network %												
Natl. %												
<b>% High Flux</b>	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%



# 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. %												
<b>% High Efficiency</b>	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. %												
<b>% Standard</b>	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.