Haviland Kidney Center - SCU
## 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	108	99	103	95	96	105	105	108	103	105	102	102
# eKt/V >= 1.2	77	73	74	70	79	84	78	85	79	76	72	81
Pop. Mean =	1.32	1.43	1.33	1.49	1.55	1.38	1.45	1.42	1.44	1.40	1.33	1.46
Std. Deviation =	0.33	0.48	0.42	0.69	0.76	0.24	0.61	0.45	0.53	0.56	0.38	0.46
Network Mean =												
Natl. Mean =												
% eKt/V >= 1.2	71%	74%	72%	74%	82%	80%	74%	79%	77%	72%	71%	79%

% eKt/V >= 1.2
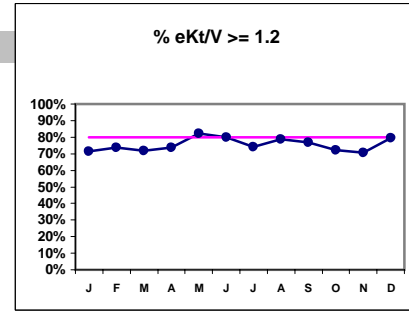
	J	F	M	A	M	J	J	A	S	O	N	D
# URR	112	99	107	105	106	109	109	109	107	106	104	105
# URR >= 65.0	96	87	90	88	88	91	90	89	88	84	82	88
Pop. Mean =	72.6	73.2	70.6	72.5	71.8	73.3	72.1	72.2	72.5	71.2	70.8	73.1
Std. Deviation =	9.66	10.0	9.63	8.63	8.89	9.33	9.37	9.77	9.67	11.0	10.1	9.33
*Network Mean =	71.7	71.7	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	86%	88%	84%	84%	83%	83%	83%	82%	82%	79%	79%	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												

% URR >= 65.0
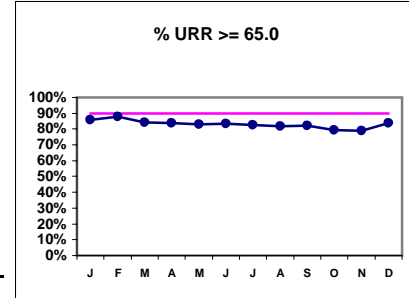
	J	F	M	A	M	J	J	A	S	O	N	D
# Kt/V	108	99	103	95	96	105	105	108	103	105	102	102
# Kt/V >= 1.4	71	70	68	68	75	84	74	81	74	76	69	77
Pop. Mean =	1.52	1.65	1.53	1.74	1.80	1.60	1.67	1.64	1.66	1.62	1.54	1.69
Std. Deviation =	0.40	0.58	0.49	0.86	0.91	0.28	0.73	0.52	0.61	0.65	0.45	0.56
Network Mean =												
*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	66%	71%	66%	72%	78%	80%	70%	75%	72%	72%	68%	75%
% Kt/V > 1.2	88%	85%	83%	91%	92%	94%	86%	89%	88%	85%	83%	88%
*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%
*Figures for 1999												

% Kt/V >= 1.4
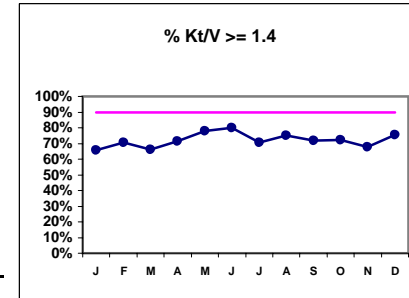
Blood Pressure Control (Pre)

	J	F	M	A	M	J	J	A	S	O	N	D
# Pre Dia BP	124	109	117	113	114	109	112	111	109	109	107	106
# Pre Dia BP < 90	94	86	93	89	90	86	89	87	87	90	85	86
Pop. Mean =	79	80	79	79	79	78	79	78	78	78	79	80
Std. Deviation =	14.7	14.1	13.9	13.9	14.3	14.4	14.7	14.1	15.2	14.1	14.2	13.6
Network Mean =												
Natl. Mean =												
% Pre Dia BP < 90	76%	79%	79%	79%	79%	79%	79%	78%	80%	83%	79%	81%

% Pre Dia BP < 90
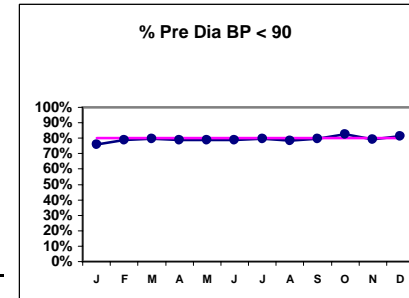
	J	F	M	A	M	J	J	A	S	O	N	D
# Pre Sys BP	124	109	117	113	114	109	112	111	109	109	107	106
# Pre Sys BP < 150	74	57	61	64	64	77	69	75	71	64	62	61
Pop. Mean =	146	147	147	145	145	142	142	142	142	144	144	146
Std. Deviation =	23.4	23.0	23.2	22.3	24.9	22.3	23.9	22.9	22.3	24.6	24.6	22.6
Network Mean =												
Natl. Mean =												
%Pre Sys BP <150	60%	52%	52%	57%	56%	71%	62%	68%	65%	59%	58%	58%
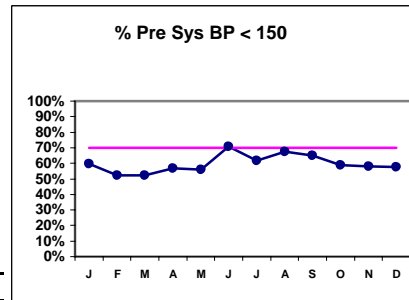
% Pre Sys BP < 150

*Methodology: a) Monthly values based on patient's montly 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.

Haviland Kidney Center - SCU

Quality Assurance Reports (Excludes patients in first 6 months of treatment)
**Through period ending Dec. 31, 2000**

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I. ADEQUACY OF DIALYSIS - CONT.

	D	D	D	D	D	D	D	D	D	D	D	D
# Dialysis Hrs	124	124	124	124	124	124	124	124	124	124	124	124
# Hrs. 2.5 - 3.0	10	10	10	10	10	10	10	10	10	10	10	10
Pop. Mean =	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Std. Deviation =	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
Network Mean =												
Natl. Mean =												
% Hrs. 2.5 - 3.0	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%

% Hrs 2.5 - 3.0
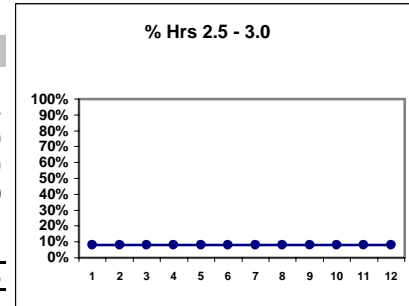
	D	D	D	D	D	D	D	D	D	D	D	D
# Dialysis Hrs	124	124	124	124	124	124	124	124	124	124	124	124
# Hrs 3.1 - 3.5	18	18	18	18	18	18	18	18	18	18	18	18
Pop. Mean =	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Std. Deviation =	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
Network Mean =												
Natl. Mean =												
% Hrs 3.1 - 3.5	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%

% Hrs 3.1 - 3.5
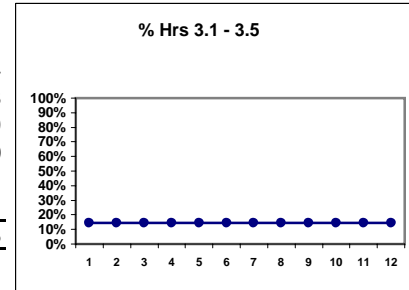
	D	D	D	D	D	D	D	D	D	D	D	D
# Dialysis Hrs	124	124	124	124	124	124	124	124	124	124	124	124
# Hrs 3.6 - 4.0	59	59	59	59	59	59	59	59	59	59	59	59
Pop. Mean =	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Std. Deviation =	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
Network Mean =												
Natl. Mean =												
% Hrs 3.6 - 4.0	48%	48%	48%	48%	48%	48%	48%	48%	48%	48%	48%	48%

% Hrs 3.6 - 4.0
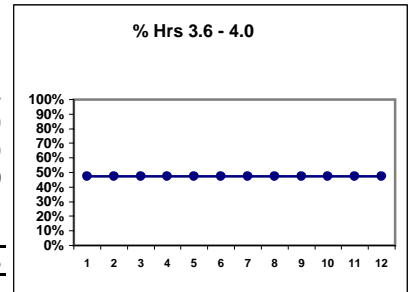
	D	D	D	D	D	D	D	D	D	D	D	D
# Dialysis Hrs	124	124	124	124	124	124	124	124	124	124	124	124
# Hrs 4.1 - 4.5	26	26	26	26	26	26	26	26	26	26	26	26
Pop. Mean =	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Std. Deviation =	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
Network Mean =												
Natl. Mean =												
% Hrs 4.1 - 4.5	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%

% Hrs 4.1 - 4.5
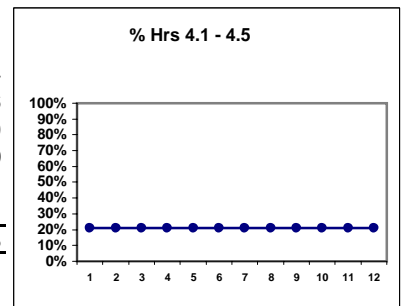
	D	D	D	D	D	D	D	D	D	D	D	D
# Dialysis Hrs	124	124	124	124	124	124	124	124	124	124	124	124
# Hrs > 4.5	11	11	11	11	11	11	11	11	11	11	11	11
Pop. Mean =	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Std. Deviation =	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
Network Mean =												
Natl. Mean =												
% Hrs > 4.5	9%	9%	9%	9%	9%	9%	9%	9%	9%	9%	9%	9%
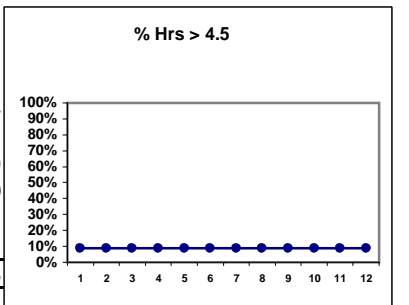
% Hrs > 4.5

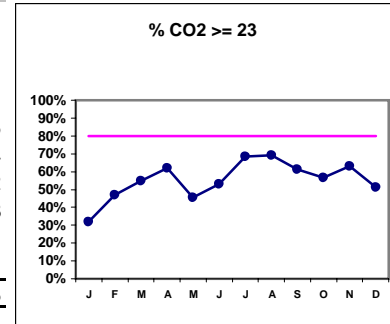***Methodology: a) Monthly values based on patient's montly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.**

Haviland Kidney Center - SCU

Quality Assurance Reports (Excludes patients in first 6 months of treatment)
Through period ending Dec. 31, 2000

I.j - I.S. Dept.

I. ADEQUACY OF DIALYSIS - CONT.

	J	F	M	A	M	J	J	A	S	O	N	D
# CO2	122	109	117	111	112	109	111	110	109	108	106	105
# CO2 >= 23	39	51	64	69	51	58	76	76	67	61	67	54
Pop. Mean =	21	22	23	23	22	22	23	23	23	22	23	22
Std. Deviation =	4.18	2.83	2.77	4.07	4.51	3.10	4.03	4.04	3.41	3.98	3.72	3.98
Network Mean =												
Natl. Mean =												
% CO2 >= 23	32%	47%	55%	62%	46%	53%	68%	69%	61%	56%	63%	51%

% CO2 >= 23

*Methodology: a) Monthly values based on patient's montly 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.
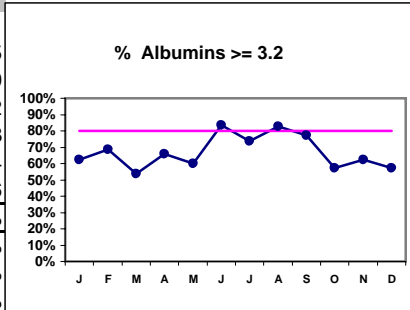
Haviland Kidney Center - SCU
Quality Assurance Reports (Excludes patients in first 6 months of treatment)
**Through period ending Dec. 31, 2000**
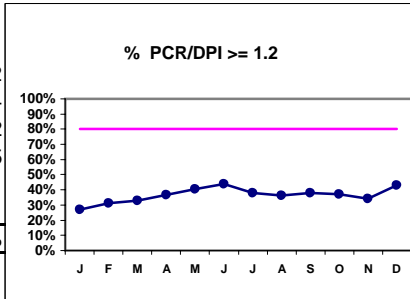
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*Albumin values use BCP method)

II. NUTRITION

	J	F	M	A	M	J	J	A	S	O	N	D
# Albumin	122	109	117	111	112	109	111	110	109	108	106	105
# Albumin >= 3.2	76	75	63	73	67	91	82	91	84	62	66	60
Pop. Mean =	3.2	3.3	3.2	3.3	3.2	3.5	3.4	3.6	3.4	3.2	3.2	3.2
Std. Deviation =	0.45	0.43	0.47	0.42	0.44	0.43	0.45	0.50	0.46	0.40	0.42	0.38
*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	62%	69%	54%	66%	60%	83%	74%	83%	77%	57%	62%	57%
*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

% Albumins >= 3.2

	J	F	M	A	M	J	J	A	S	O	N	D
# Cholestrol	122	109	117	111	112	109	111	110	109	108	106	105
# Chol. >= 150	39	35	41	41	33	48	47	46	38	43	48	43
Pop. Mean =	137	140	140	138	137	144	141	145	138	141	143	144
Std. Deviation =	37.0	30.9	34.9	38.9	45.2	33.6	38.7	40.5	34.9	37.4	38.8	37.7
Network Mean =												
Natl. Mean =												
% Chol. >= 150	32%	32%	35%	37%	29%	44%	42%	42%	35%	40%	45%	41%

% Cholestrol >= 150
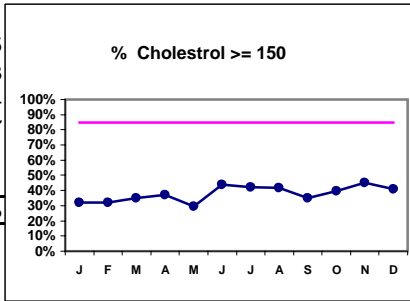
|	J	F	M	A	M	J	J	A	S	O	N	D
# PCR/DPI	108	99	103	95	96	105	105	108	103	105	102	102
# PCR/DPI >= 1.2	29	31	34	35	39	46	40	39	39	39	35	44
Pop. Mean =	1.00	1.03	1.03	1.06	1.09	1.06	1.10	1.09	1.10	1.07	1.07	1.12
Std. Deviation =	0.29	0.30	0.30	0.30	0.33	0.30	0.29	0.35	0.32	0.36	0.30	0.35
Network Mean =												
Natl. Mean =												
% PCR/DPI >= 1.2	27%	31%	33%	37%	41%	44%	38%	36%	38%	37%	34%	43%

% PCR/DPI >= 1.2

*Methodology: a) Monthly values based on patient's montly 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.

Haviland Kidney Center - SCU
Quality Assurance Reports (Excludes patients in first 6 months of treatment)
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III. OSTEODYSTROPHY

|	J	F	M	A	M	J	J	A	S	O	N	D
# PO4	122	109	117	111	112	109	111	110	109	108	106	105
# PO4 < 6.0	91	68	79	70	72	71	73	74	81	82	73	76
Pop. Mean =	5.2	5.4	5.1	5.4	5.2	5.4	5.3	5.3	5.1	5.2	5.2	5.1
Std. Deviation	1.76	1.93	1.96	2.09	2.00	2.14	2.12	2.15	2.04	1.83	1.93	1.85
Network Mean =												
Natl. Mean =												
% PO4 < 6.0	75%	62%	68%	63%	64%	65%	66%	67%	74%	76%	69%	72%

% PO4 < 6.0
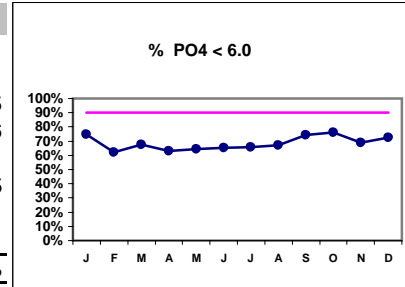
# PO4	122	109	117	111	112	109	111	110	109	108	106	105
# PO4 > 3.0	110	100	100	97	94	101	98	99	91	96	94	93
Pop. Mean =	5.2	5.4	5.1	5.4	5.2	5.4	5.3	5.3	5.1	5.2	5.2	5.1
Std. Deviation	1.76	1.93	1.96	2.09	2.00	2.14	2.12	2.15	2.04	1.83	1.93	1.85
Network Mean =												
Natl. Mean =												
% PO4 > 3.0	90%	92%	85%	87%	84%	93%	88%	90%	83%	89%	89%	89%

% PO4 > 3.0
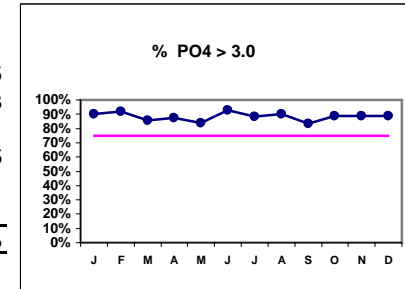
# Calcium	122	109	117	111	112	109	111	110	109	108	106	105
# Calcium < 11.0	113	105	112	103	109	101	102	108	106	106	102	99
Pop. Mean =	9.3	9.5	9.4	9.5	9.4	9.5	9.6	9.3	9.3	9.3	9.3	9.3
Std. Deviation	1.17	0.87	0.97	0.99	0.92	0.90	0.99	0.88	0.91	0.87	0.84	0.95
Network Mean =												
Natl. Mean =												
% Calcium < 11.0	93%	96%	96%	93%	97%	93%	92%	98%	97%	98%	96%	94%
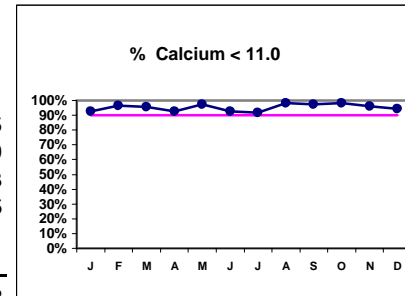
% Calcium < 11.0

# Calcium	122	109	117	111	112	109	111	110	109	108	106	105
# Calcium > 8.5	99	97	103	91	94	97	100	91	92	87	92	81
Pop. Mean =	9.3	9.5	9.4	9.5	9.4	9.5	9.6	9.3	9.3	9.3	9.3	9.3
Std. Deviation =	1.17	0.87	0.97	0.99	0.92	0.90	0.99	0.88	0.91	0.87	0.84	0.95
Network Mean =												
Natl. Mean =												
% Calcium > 8.5	81%	89%	88%	82%	84%	89%	90%	83%	84%	81%	87%	77%

% Calcium > 8.5
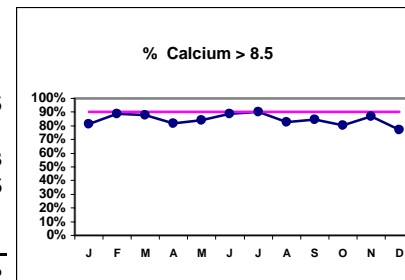
# PTH-I		115			43			107			33	
# PTH-I > 100		72			37			64			27	
Pop. Mean =		238			146			233			112	
Std. Deviation =		283			259			278			249	
Network Mean =												
Natl. Mean =												
% PTH-I > 100		63%			86%			60%			82%	

% PTH-I > 100

*Methodology: a) Monthly values based on patient's montly 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.
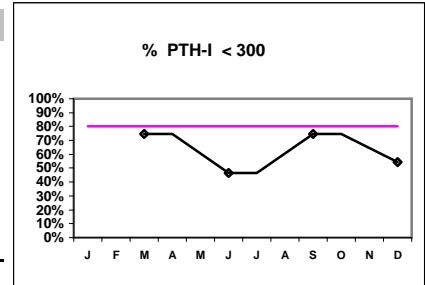
Haviland Kidney Center - SCU

Quality Assurance Reports (Excludes patients in first 6 months of treatment)
**Through period ending Dec. 31, 2000**

I.j - I.S. Dept.

III. OSTEODYSTROPHY - CONT.

	J	F	M	A	M	J	J	A	S	O	N	D
# PTH-I			115			43			107			33
# PTH-I < 300			86			20			80			18
Pop. Mean =			238			146			233			112
Std. Deviation =			283			259			278			249
Network Mean =												
Natl. Mean =												
% PTH-I < 300			75%			47%			75%			55%

% PTH-I < 300

	J	F	M	A	M	J	J	A	S	O	N	D
# Ca x PO4	122	109	117	111	112	109	111	110	109	108	106	105
# Ca x PO4 <= 65	103	86	96	84	92	86	89	90	92	96	89	91
Pop. Mean =	48.6	51.0	48.5	50.6	48.7	51.1	50.2	48.8	46.8	47.9	48.2	47.0
Std. Deviation =	17.4	18.4	18.9	19.9	19.1	19.0	19.2	18.9	18.2	16.7	17.5	16.7
Network Mean =												
Natl. Mean =												
% Ca x PO4 <= 65	84%	79%	82%	76%	82%	79%	80%	82%	84%	89%	84%	87%
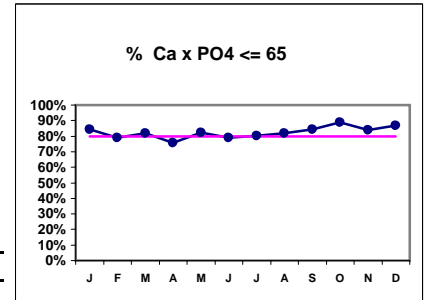
% Ca x PO4 <= 65

*Methodology: a) Monthly values based on patient's montly 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.
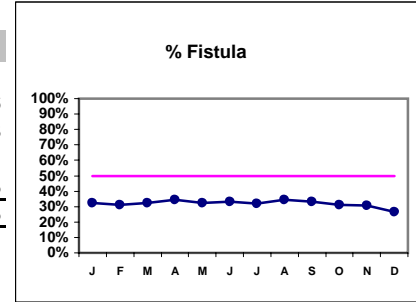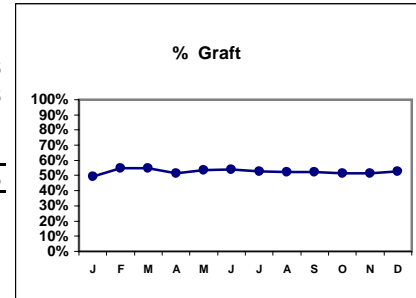
IV. ACCESS

	J	F	M	A	M	J	J	A	S	O	N	D
# Access	124	109	117	113	114	109	112	111	109	109	107	106
# Fistula	40	34	38	39	37	36	36	38	36	34	33	28
Network %												
Natl. % - 1999	26%	26%	26%	26%	26%	26%	26%	26%	26%	26%	26%	26%
% Fistula	32%	31%	32%	35%	32%	33%	32%	34%	33%	31%	31%	26%

% Fistula

	J	F	M	A	M	J	J	A	S	O	N	D
# Access	124	109	117	113	114	109	112	111	109	109	107	106
# Graft	61	60	64	58	61	59	59	58	57	56	55	56
Network %												
Natl. %												
% Graft	49%	55%	55%	51%	54%	54%	53%	52%	52%	51%	51%	53%

% Graft

	J	F	M	A	M	J	J	A	S	O	N	D
# Access	124	109	117	113	114	109	112	111	109	109	107	106
# Other	23	15	15	16	16	14	17	15	16	19	19	22
Network %												
Natl. %												
% Other	19%	14%	13%	14%	14%	13%	15%	14%	15%	17%	18%	21%
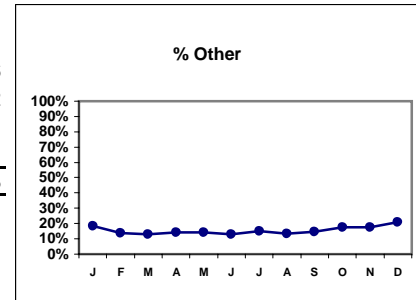
% Other

*Methodology: a) Monthly values based on patient's montly 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.

Haviland Kidney Center - SCU
Quality Assurance Reports (Excludes patients in first 6 months of treatment)
### 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	120	104	116	111	104	108	103	111	107	108	106	105
# Hct > 30.0	100	91	102	100	93	95	92	101	96	97	95	97
Pop. Mean =	34.4	35.0	35.5	35.4	35.2	35.1	35.7	35.5	35.5	35.7	35.2	35.3
Std. Deviation =	4.51	4.22	4.60	4.93	4.58	4.52	4.47	4.86	5.68	4.20	4.00	4.0
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	83%	88%	88%	90%	89%	88%	89%	91%	90%	90%	90%	92%
*% 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 > 30.0
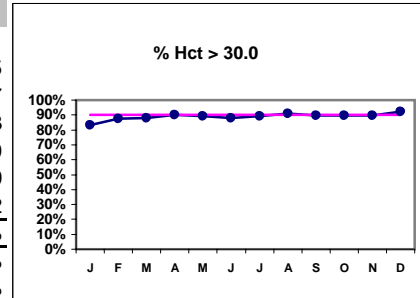
	J	F	M	A	M	J	J	A	S	O	N	D
# Hct	120	104	116	111	104	108	103	111	107	108	106	105
# Hct > 33.0	74	69	81	80	67	73	75	76	75	78	75	76
Pop. Mean =	34.4	35.0	35.5	35.4	35.2	35.1	35.7	35.5	35.5	35.7	35.2	35.3
Std. Deviation =	4.51	4.22	4.60	4.93	4.58	4.52	4.47	4.86	5.68	4.20	4.00	4.0
Network Mean =	33.9	33.9	33.9	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	62%	66%	70%	72%	64%	68%	73%	68%	70%	72%	71%	72%
*% 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

% Hct > 33.0
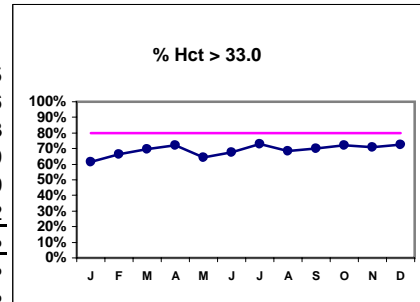
Iron Profile

|				
# Ferritin	115	109	108	105
# Ferritin > 100	97	97	96	94
Pop. Mean =	337	499	434	381
Std. Deviation =	317	373	319	262
*Network Mean =	428	428	428	428
Natl. Mean =				
% Ferritin > 100	84%	89%	89%	90%
*% Network > 100	86%	86%	86%	86%

* Figures for 2000
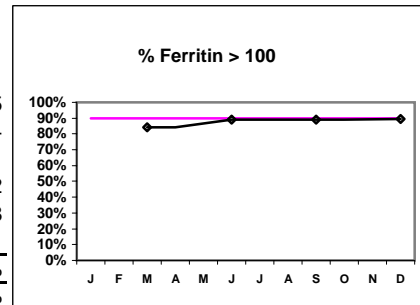
% Ferritin > 100

# Ferritin	115	109	108	105
# Ferritin < 800	110	93	96	98
Pop. Mean =	337	499	434	381
Std. Deviation =	317	373	319	262
*Network Mean =	428	428	428	428
Natl. Mean =				
% Ferritin < 800	96%	85%	89%	93%

*Figures for 2000

% Ferritin < 800
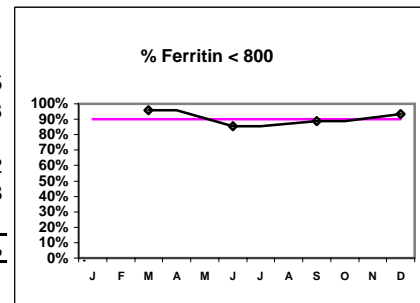
# % Sat	115	109	108	105
# % Sat > 20	89	103	95	80
Pop. Mean =	29.8	34.6	35.8	29.3
Std. Deviation =	15.1	12.6	14.6	12.4
*Network Mean =	27.0	27.0	27.0	27.0
Natl. Mean =				
% Sat% > 20	77%	94%	88%	76%
*% Network > 20	72%	72%	72%	72%

* Figures for 2000
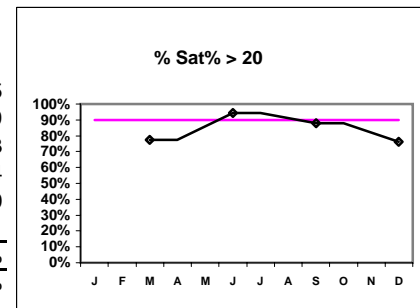
% Sat% > 20

*Methodology: a) Monthly values based on patient's montly 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.

V. ANEMIA - CONT.

	J	F	M	A	M	J	J	A	S	O	N	D
# % Sat		115				109			108			105
# % Sat < 50		107				97			93			98
Pop. Mean =		29.8				34.6			35.8			29.3
Std. Deviation =		15.1				12.6			14.6			12.4
*Network Mean =		27.0				27.0			27.0			27.0
Natl. Mean =												
% Sat% < 50		93%				89%			86%			93%

*Figures for 2000
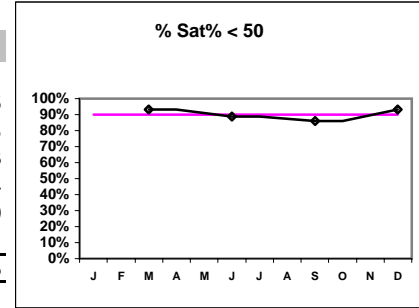
% Sat% < 50

Haviland Kidney Center - SCU
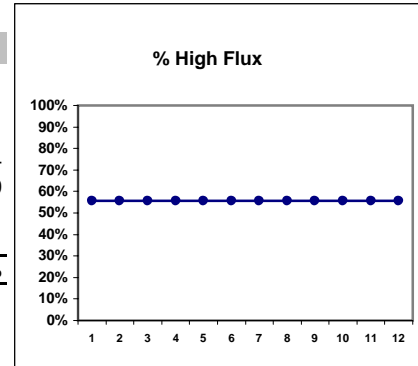### Quality Assurance Reports (Excludes patients in first 6 months of treatment)
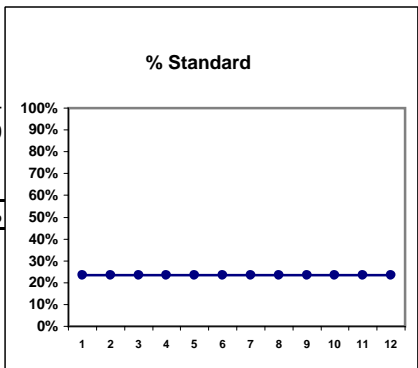### Through period ending Dec. 31, 2000

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VI. OTHERS

Dialyzer ratios	D	D	D	D	D	D	D	D	D	D	D	D
# Dialyzers	124	124	124	124	124	124	124	124	124	124	124	124
# High Flux	69	69	69	69	69	69	69	69	69	69	69	69
Network %												
Natl. %												
% High Flux	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%

% High Flux

# Dialyzers	124	124	124	124	124	124	124	124	124	124	124	124
# High Efficiency	26	26	26	26	26	26	26	26	26	26	26	26
Network %												
Natl. %												
% High Efficiency	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%

% High Efficiency
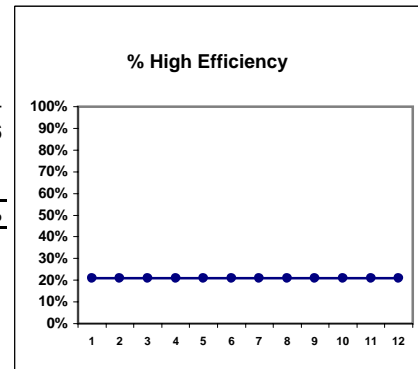
# Dialyzers	124	124	124	124	124	124	124	124	124	124	124	124
# Standard	29	29	29	29	29	29	29	29	29	29	29	29
Network %												
Natl. %												
% Standard	23%	23%	23%	23%	23%	23%	23%	23%	23%	23%	23%	23%

% Standard

*Methodology: a) Monthly values based on patient's montly 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.