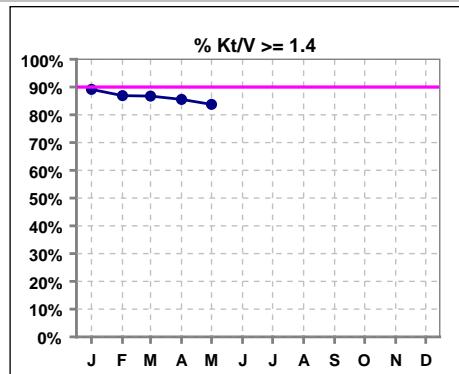


**PCU-Haviland Kidney Center - Center Hemodialysis**  
**Quality Assurance Reports (Excludes patients in first 3 months of treatment)**  
**Through period ending Dec. 31, 2009**

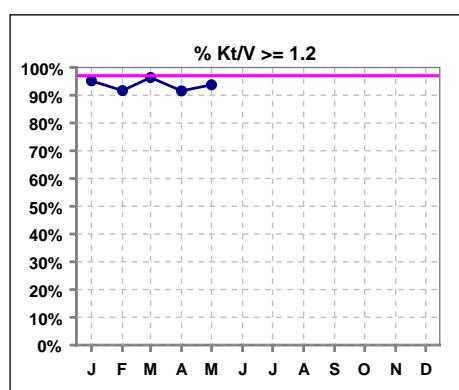
1

### I. ADEQUACY OF DIALYSIS

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Kt/V	83	84	83	83	80							
# Kt/V >= 1.4	74	73	72	71	67							
Pop. Mean	1.69	1.70	1.73	1.73	1.73							
Std. Deviation	0.30	0.34	0.31	0.33	0.33							
Network Mean '04	1.59	1.59	1.59	1.59	1.59							
Natl. Mean '06	1.55	1.55	1.55	1.55	1.55							
% Kt/V >= 1.4	89%	87%	87%	86%	84%							
Network % >= 1.2 '06	89%	89%	89%	89%	89%							
Natl. % >= 1.2 '06	90%	90%	90%	90%	90%							

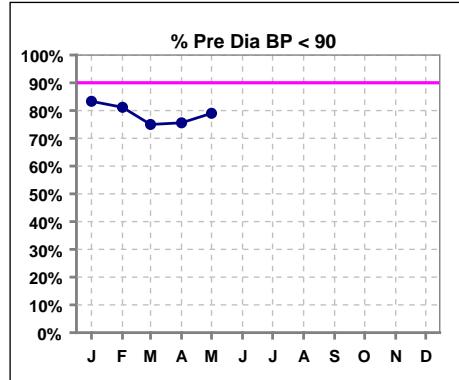


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Kt/V	83	84	83	83	80							
# Kt/V >= 1.2	79	77	80	76	75							
Pop. Mean	1.69	1.70	1.73	1.73	1.73							
Std. Deviation	0.30	0.34	0.31	0.33	0.33							
Network Mean '04	1.59	1.59	1.59	1.59	1.59							
Natl. Mean '06	1.55	1.55	1.55	1.55	1.55							
% Kt/V >= 1.2	95%	92%	96%	92%	94%							
Network % >= 1.2 '06	89%	89%	89%	89%	89%							
Natl. % >= 1.2 '06	90%	90%	90%	90%	90%							

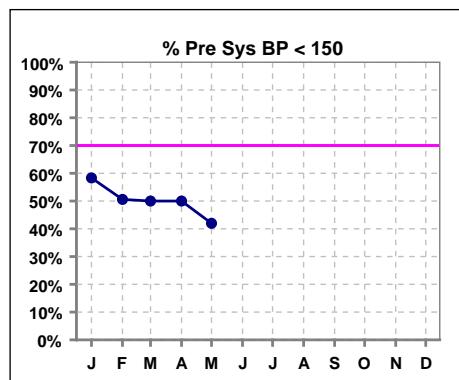


### Blood Pressure Control (Pre)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Pre Dia BP	84	85	84	86	81							
# Pre Dia BP < 90	70	69	63	65	64							
Pop. Mean	78	78	78	80	79							
Std. Deviation	15.6	13.9	12.9	14.9	14.2							
Network Mean												
Natl. Mean												
% Pre Dia BP < 90	83%	81%	75%	76%	79%							



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Pre Sys BP	84	85	84	86	81							
# Pre Sys BP < 150	49	43	42	43	34							
Pop. Mean	146	147	147	150	149							
Std. Deviation	22.5	24.4	23.4	23.1	24.6							
Network Mean												
Natl. Mean												
% Pre Sys BP < 150	58%	51%	50%	50%	42%							



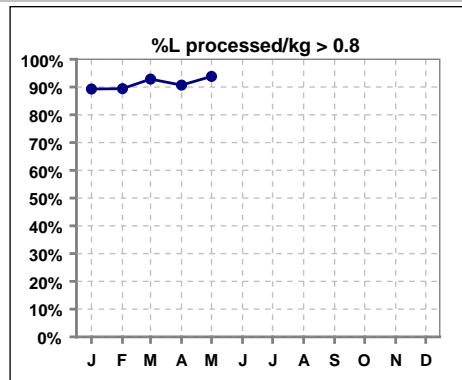
\*Methodology: a) Monthly values based on patient's monthly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.

**PCU-Haviland Kidney Center - Center Hemodialysis**  
**Quality Assurance Reports (Excludes patients in first 3 months of treatment)**  
**Through period ending Dec. 31, 2009**

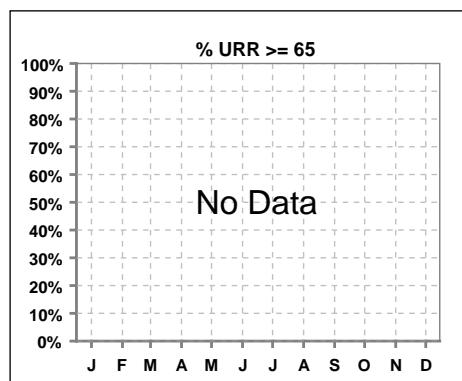
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**I. ADEQUACY OF DIALYSIS - CONT.**

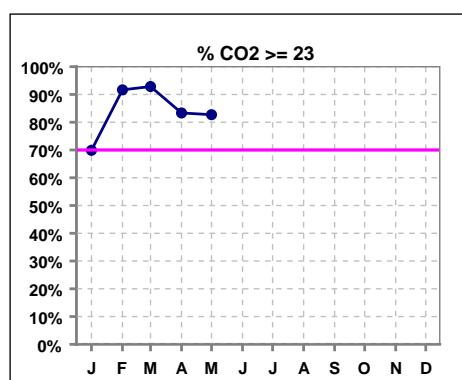
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# L processed/kg	84	85	84	86	81							
# L processed/kg>0.8	75	76	78	78	76							
Pop. Mean	1	1	1	1	1							
Std. Deviation	0.3	0.3	0.3	0.3	0.3							
Network Mean												
Natl. Mean												
<b>% L processed/kg&gt;0.8</b>	<b>89%</b>	<b>89%</b>	<b>93%</b>	<b>91%</b>	<b>94%</b>							



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# URR												
# URR >= 65												
Pop. Mean												
Std. Deviation												
Network Mean												
Natl. Mean												
<b>% URR &gt;= 65</b>	<b>No Data</b>											



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# CO2	83	84	84	84	81							
# CO2 >= 23	58	77	78	70	67							
Pop. Mean	24	26	27	26	26							
Std. Deviation	3.23	2.69	2.63	2.91	3.13							
Network Mean												
Natl. Mean												
<b>% CO2 &gt;= 23</b>	<b>70%</b>	<b>92%</b>	<b>93%</b>	<b>83%</b>	<b>83%</b>							



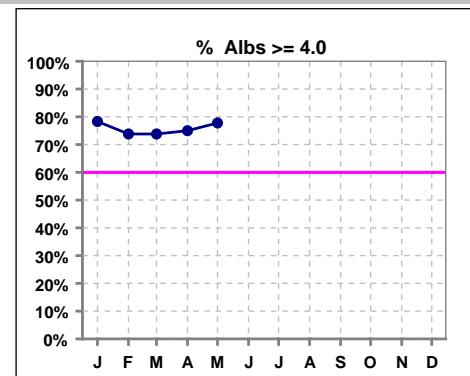
**PCU-Haviland Kidney Center - Center Hemodialysis**  
**Quality Assurance Reports (Excludes patients in first 3 months of treatment)**  
**Through period ending Dec. 31, 2009**

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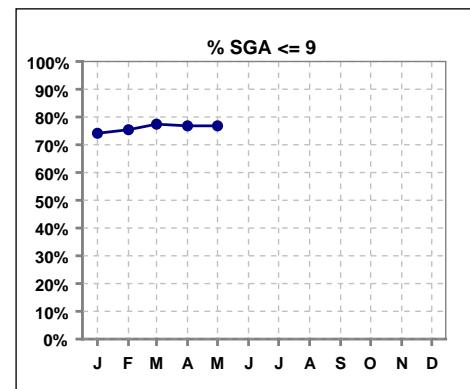
\*Albumin values use BCG method - as of July 2001

## II. NUTRITION

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Albumin	83	84	84	84	81							
# Albumin >= 4.0	65	62	62	63	63							
Pop. Mean	4.1	4.1	4.1	4.1	4.1							
Std. Deviation	0.36	0.38	0.32	0.31	0.31							
Network Mean	3.4	3.4	3.4	3.4	3.4							
Natl. Mean	3.8	3.8	3.8	3.8	3.8							
% Alb >= 3.5	94%	93%	95%	95%	96%							
% Alb >= 3.0	99%	100%	100%	100%	100%							
% Alb >= 4.0	78%	74%	74%	75%	78%							
Netwk%>=3.5 '06	82%	82%	82%	82%	82%							
Netwk%>=4.0 '06	34%	34%	34%	34%	34%							
Natl % >= 3.5 '06	81%	81%	81%	81%	81%							
Natl. % >= 4.0 '06	34%	34%	34%	34%	34%							



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# SGA	58	61	62	69	69							
# SGA <= 9	43	46	48	53	53							
Pop. Mean	8	7	7	7	8							
Std. Deviation	4.0	3.8	3.5	3.6	3.5							
Network Mean												
Natl. Mean												
% SGA <= 9	74%	75%	77%	77%	77%							

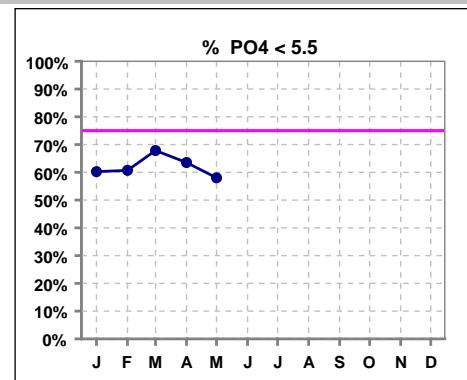


**PCU-Haviland Kidney Center - Center Hemodialysis**  
**Quality Assurance Reports (Excludes patients in first 3 months of treatment)**  
**Through period ending Dec. 31, 2009**

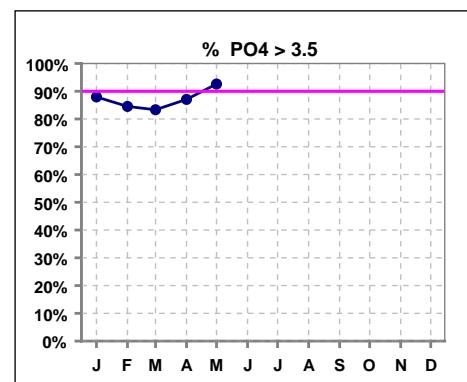
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### III. OSTEODYSTROPHY

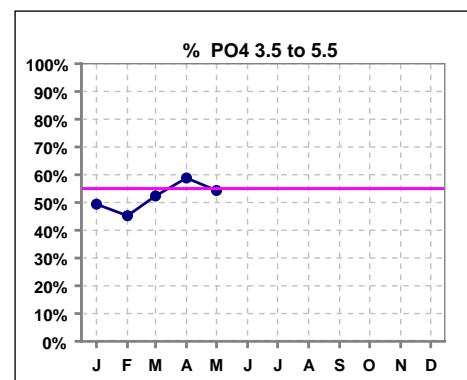
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PO4	83	84	84	85	81							
# PO4 < 5.5	50	51	57	54	47							
Pop. Mean	5.2	5.2	5.1	5.0	5.2							
Std. Deviation	1.59	1.49	1.52	1.49	1.26							
Network Mean												
Natl. Mean '06	5	5	5	5	5							
% PO4 < 5.5	60%	61%	68%	64%	58%							



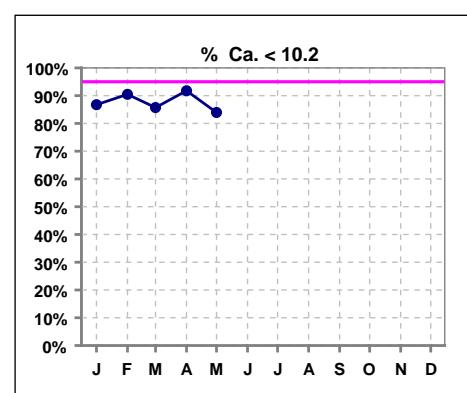
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PO4	83	84	84	85	81							
# PO4 > 3.5	73	71	70	74	75							
Pop. Mean	5.2	5.2	5.1	5.0	5.2							
Std. Deviation	1.59	1.49	1.52	1.49	1.26							
Network Mean												
Natl. Mean '06	5	5	5	5	5							
% PO4 > 3.5	88%	85%	83%	87%	93%							



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PO4	83	84	84	85	81							
# PO4 3.5 to 5.5	41	38	44	50	44							
Pop. Mean	5.2	5.2	5.1	5.0	5.2							
Std. Deviation	1.59	1.49	1.52	1.49	1.26							
Network Mean												
% PO4 3.5 to 5.5	49%	45%	52%	59%	54%							



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Calcium	83	84	84	85	81							
# Calcium < 10.2	72	76	72	78	68							
Pop. Mean	9.4	9.3	9.4	9.4	9.2							
Std. Deviation	0.64	0.73	0.65	0.65	0.93							
Network Mean												
Natl. Mean '06	9	9	9	9	9							
% Ca < 10.2	87%	90%	86%	92%	84%							



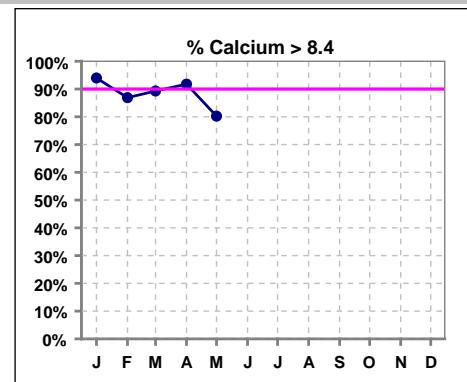
\*Methodology: a) Monthly values based on patient's monthly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.

**PCU-Haviland Kidney Center - Center Hemodialysis**  
**Quality Assurance Reports (Excludes patients in first 3 months of treatment)**  
**Through period ending Dec. 31, 2009**

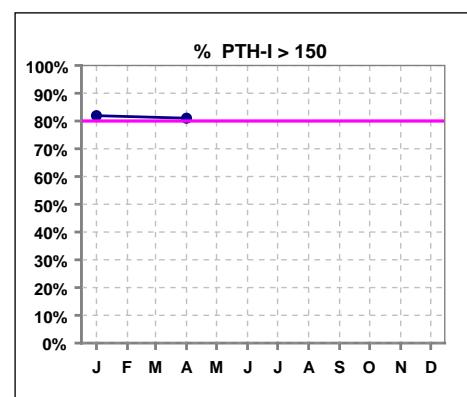
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**III. OSTEODYSTROPHY - CONT.**

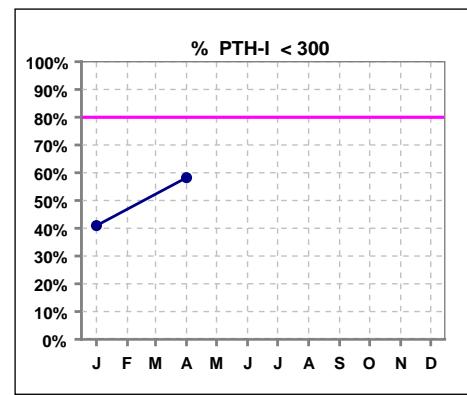
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Calcium	83	84	84	85	81							
# Calcium > 8.4	78	73	75	78	65							
Pop. Mean	9.4	9.3	9.4	9.4	9.2							
Std. Deviation	0.64	0.73	0.65	0.65	0.93							
Network Mean												
Natl. Mean '06	9	9	9	9	9							
% Calcium > 8.4	94%	87%	89%	92%	80%							



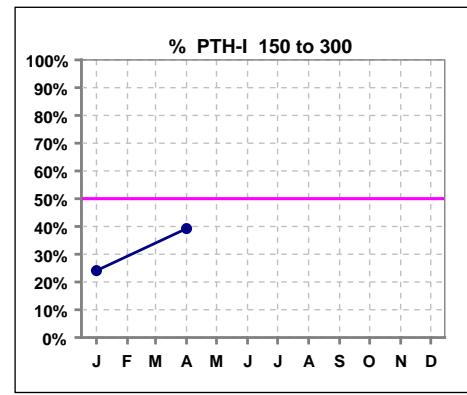
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PTH-I	83			79								
# PTH-I > 150	68			64								
Pop. Mean	513			386								
Std. Deviation	673			468								
Network Mean												
Natl. Mean												
% PTH-I > 150	82%			81%								



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PTH-I	83			79								
# PTH-I < 300	34			46								
Pop. Mean	513			386								
Std. Deviation	673			468								
Network Mean												
Natl. Mean												
% PTH-I < 300	41%			58%								



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PTH-I	83			79								
# PTH-I 150 to 300	20			31								
Pop. Mean	513			386								
Std. Deviation	673			468								
Network Mean												
Natl. Mean												
% PTH-I 150 to 300	24%			39%								

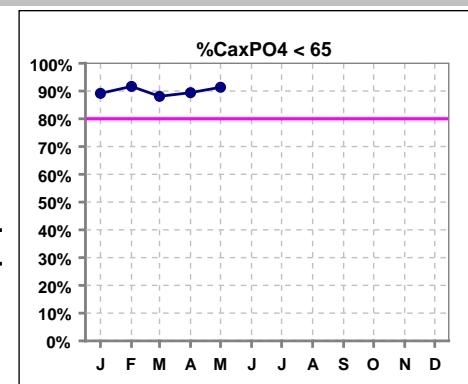


**PCU-Haviland Kidney Center - Center Hemodialysis**  
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**III. OSTEODYSTROPHY - CONT.**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Ca x PO4	83	84	84	85	81							
# Ca x PO4 < 65	74	77	74	76	74							
Pop. Mean	49.1	48.6	47.5	47.5	47.7							
Std. Deviation	15.3	15.0	14.2	14.5	13.7							
Network Mean												
Natl. Mean												
% CaxPO4 < 65	89%	92%	88%	89%	91%							

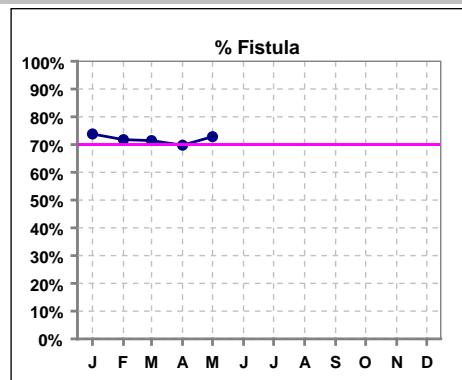


**PCU-Haviland Kidney Center - Center Hemodialysis**  
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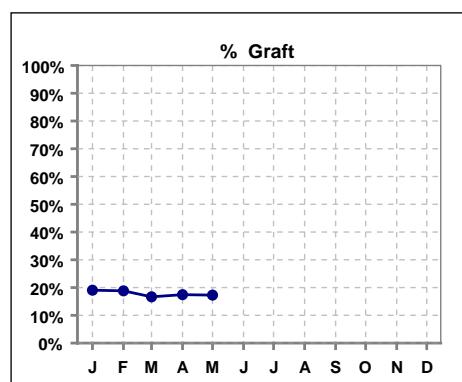
7

#### IV. ACCESS

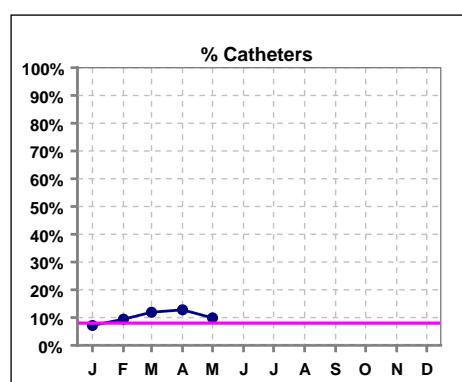
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Access	84	85	84	86	81							
# Fistula	62	61	60	60	59							
Network % '06	61%	61%	61%	61%	61%							
Natl. % '06	45%	45%	45%	45%	45%							
% Fistula	74%	72%	71%	70%	73%							



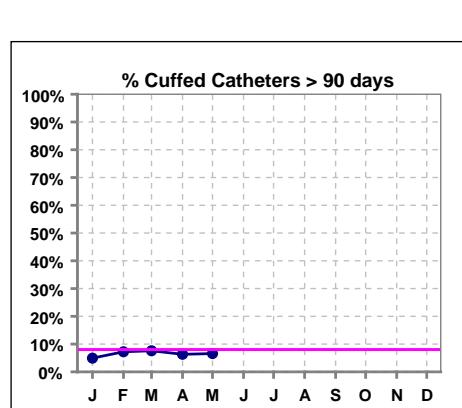
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Access	84	85	84	86	81							
# Graft	16	16	14	15	14							
Network %												
Natl. %												
% Graft	19%	19%	17%	17%	17%							



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Access	84	85	84	86	81							
# Catheters	6	8	10	11	8							
Network % '06	22%	22%	22%	22%	22%							
Natl. % '06	29%	29%	29%	29%	29%							
% Catheters	7%	9%	12%	13%	10%							



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Access	84	85	84	86	81							
# Cuffed Catheters	4	6	6	5	5							
Network % '06	22%	22%	22%	22%	22%							
Natl. % '06	29%	29%	29%	29%	29%							
% Cuffed Catheters	5%	7%	8%	6%	7%							



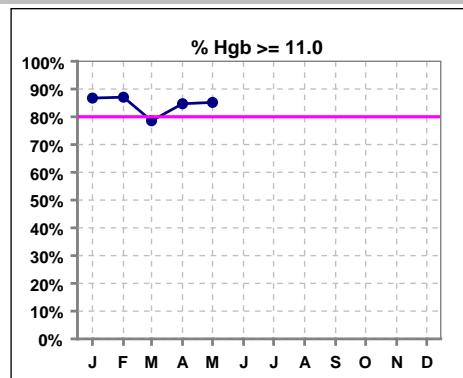
\*Methodology: a) Monthly values based on patient's monthly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.

**PCU-Haviland Kidney Center - Center Hemodialysis**  
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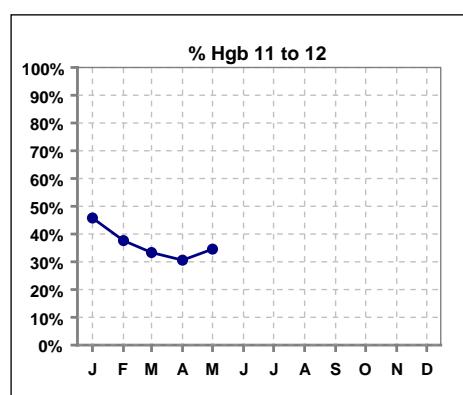
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### V. ANEMIA

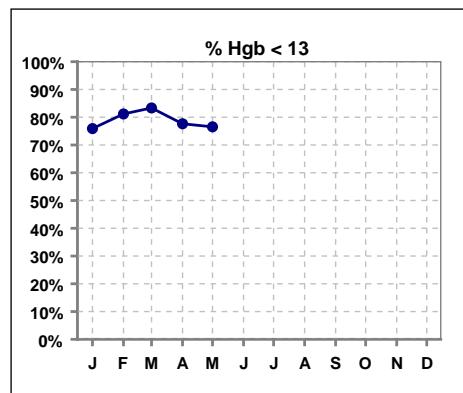
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hgb	83	85	84	85	81							
# Hgb >= 11.0	72	74	66	72	69							
Pop. Mean	12.1	12.1	12.0	12.1	12.1							
Std. Deviation	1.3	1.3	1.4	1.3	1.2							
Network Mean	11.8	11.8	11.8	11.8	11.8							
Natl. Mean '06	12	12	12	12	12							
% Hgb >= 11.0	87%	87%	79%	85%	85%							
% Hgb <= 11.0	16%	13%	23%	18%	15%							
% Netwk >= 11 '06	87%	87%	87%	87%	87%							
% Natl. >= 11 '06	84%	84%	84%	84%	84%							



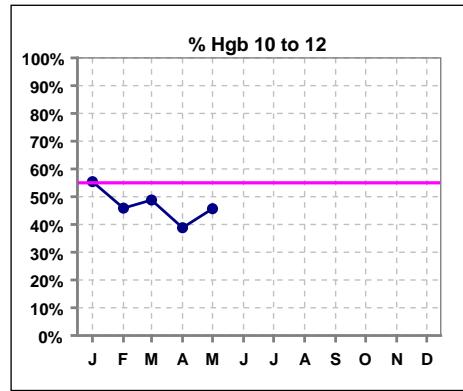
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hgb	83	85	84	85	81							
# Hgb 11 to 12	38	32	28	26	28							
Pop. Mean	12.1	12.1	12.0	12.1	12.1							
Std. Deviation	1.3	1.3	1.4	1.3	1.2							
Network Mean	11.8	11.8	11.8	11.8	11.8							
Natl. Mean '06	12	12	12	12	12							
% Hgb 11 to 12	46%	38%	33%	31%	35%							



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hgb	83	85	84	85	81							
# Hgb < 13	63	69	70	66	62							
Pop. Mean	12.1	12.1	12.0	12.1	12.1							
Std. Deviation	1.3	1.3	1.4	1.3	1.2							
Network Mean	11.8	11.8	11.8	11.8	11.8							
% Hgb < 13	76%	81%	83%	78%	77%							



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hgb	83	85	84	85	81							
# Hgb 10 to 12	46	39	41	33	37							
Pop. Mean	12.1	12.1	12.0	12.1	12.1							
Std. Deviation	1.3	1.3	1.4	1.3	1.2							
Network Mean	11.8	11.8	11.8	11.8	11.8							
% Hgb 10 to 12	55%	46%	49%	39%	46%							



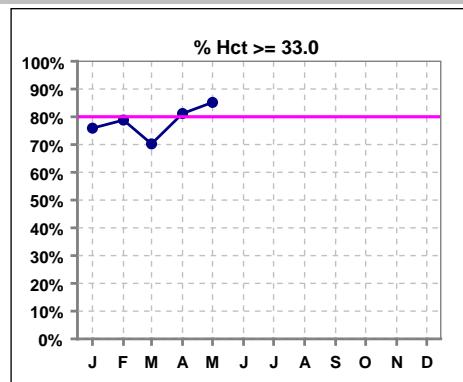
\*Methodology: a) Monthly values based on patient's monthly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.

**PCU-Haviland Kidney Center - Center Hemodialysis**  
**Quality Assurance Reports (Excludes patients in first 3 months of treatment)**  
**Through period ending Dec. 31, 2009**

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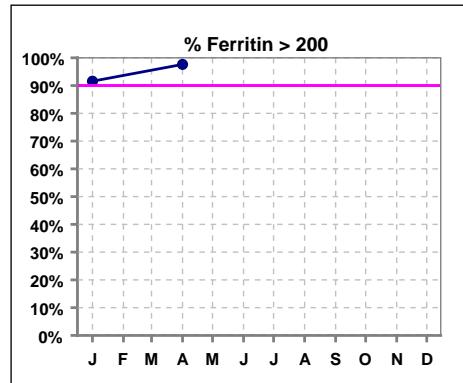
**V. ANEMIA - CONT.**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hct	83	85	84	85	81							
# Hct >= 33.0	63	67	59	69	69							
Pop. Mean	36	36	35	36	37							
Std. Deviation	3.95	3.83	4.04	3.81	3.84							
Network Mean												
Natl. Mean												
% Hct >= 33.0	76%	79%	70%	81%	85%							
% Netwk >= 33 '05	94%	94%	94%	94%	94%							
% Natl. >= 33 '05	92%	92%	92%	92%	92%							

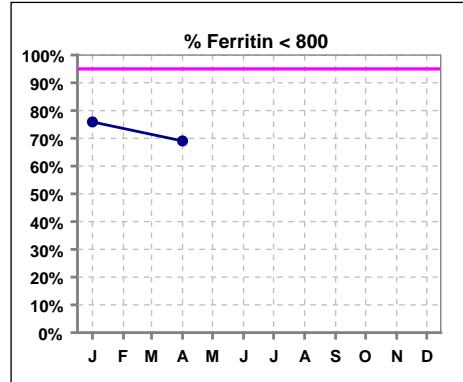


**Iron Profile**

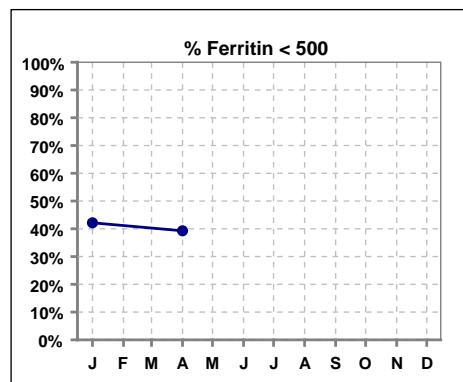
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Ferritin	83				84							
# Ferritin > 200	76				82							
Pop. Mean	603				657							
Std. Deviation	328				335							
Network Mean												
Natl. Mean '06	583				583							
% Ferritin > 200	92%				98%							
% Netwk >= 100 '06	93%				93%							
% Natl. >=100 '06	95%				95%							



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Ferritin	83				84							
# Ferritin < 800	63				58							
Pop. Mean	603				657							
Std. Deviation	328				335							
Network Mean												
Natl. Mean '06	583				583							
% Ferritin < 800	76%				69%							



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Ferritin	83				84							
# Ferritin < 500	35				33							
Pop. Mean	603				657							
Std. Deviation	328				335							
Network Mean												
% Ferritin < 500	42%				39%							



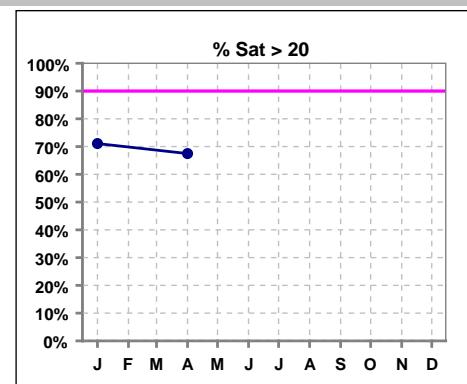
\*Methodology: a) Monthly values based on patient's monthly average of all values present for the month; b) Quarter values are average of all values for quarter; c) Values not averaged use last value present at months end.

**PCU-Haviland Kidney Center - Center Hemodialysis**  
**Quality Assurance Reports (Excludes patients in first 3 months of treatment)**  
**Through period ending Dec. 31, 2009**

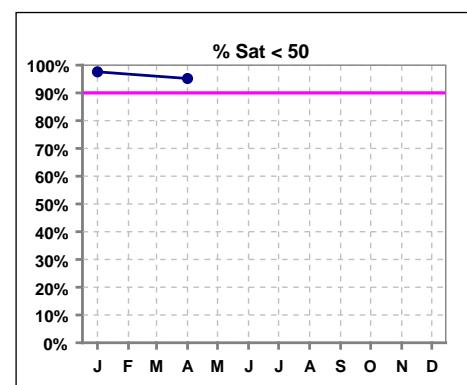
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**V. ANEMIA - CONT.**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# % Sat	83			83								
# % Sat > 20	59			56								
Pop. Mean	26			26								
Std. Deviation	9			12								
Network Mean												
Natl. Mean '06	28			28								
% Sat% > 20	71%			67%								
% Netwk >= 20 '06	74%			74%								
% Natl. >=20 '06	79%			79%								



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# % Sat	83			83								
# % Sat < 50	81			79								
Pop. Mean	26			26								
Std. Deviation	9			12								
Network Mean												
Natl. Mean '06	28			28								
% Sat% < 50	98%			95%								

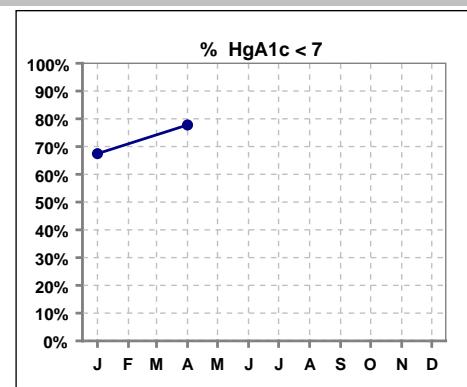


**PCU-Haviland Kidney Center - Center Hemodialysis**  
**Quality Assurance Reports (Excludes patients in first 3 months of treatment)**  
**Through period ending Dec. 31, 2009**

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**VI. Diabetes**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# HgA1c	43			45								
# HgA1c < 7	29			35								
Pop. Mean	6.7			6.5								
Std. Deviation	1.66			1.21								
Network Mean												
Natl. Mean												
% HgA1c < 7	67%			78%								

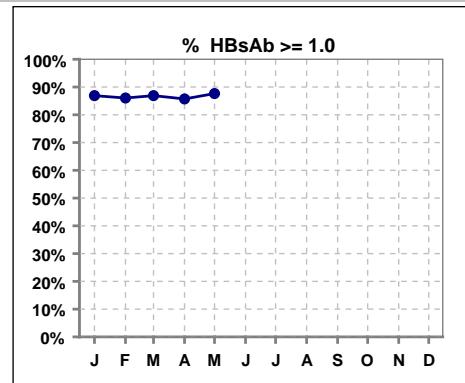


**PCU-Haviland Kidney Center - Center Hemodialysis**  
**Quality Assurance Reports (Excludes patients in first 3 months of treatment)**  
**Through period ending Dec. 31, 2009**

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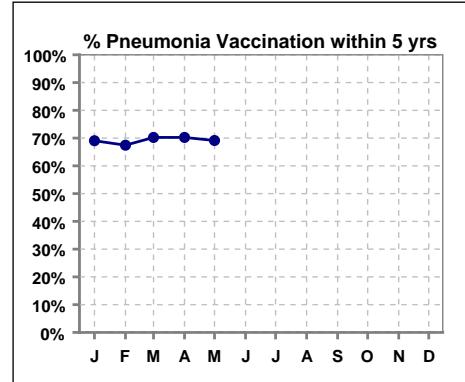
### VII. Infection Control

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	84	86	84	84	81							
# HBsAb >= 1.0	73	74	73	72	71							
% HBsAb >= 1.0	87%	86%	87%	86%	88%							



### Pneumonia vaccination within the past five years at NKC

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	84	86	84	84	81							
# Pneumonia	58	58	59	59	56							
% Pneumonia	69%	67%	70%	70%	69%							



### Influenza vaccination since August at NKC

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	84	86	84	84	81							
# Influenza since 08/08	69	71	69	68	64							
% Influenza	82%	83%	82%	81%	79%							

