

# Cascade Kidney Center - Center Hemodialysis

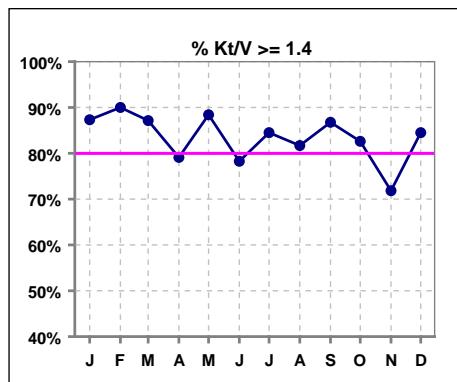
Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)

Through period ending Dec. 31, 2005

1

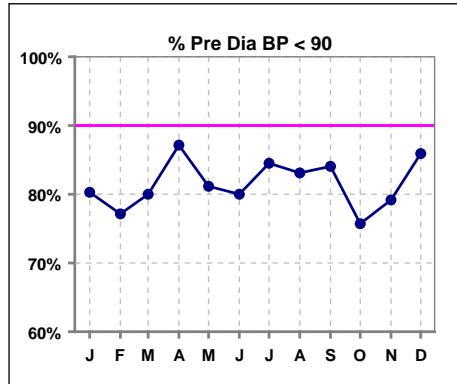
## I. ADEQUACY OF DIALYSIS

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Kt/V	71	70	70	67	69	69	71	71	68	69	71	71
# Kt/V >= 1.4	62	63	61	53	61	54	60	58	59	57	51	60
Pop. Mean =	1.67	1.69	1.65	1.57	1.79	1.57	1.71	1.66	1.72	1.70	1.58	1.72
Std. Deviation =	0.44	0.37	0.23	0.24	0.62	0.28	0.34	0.32	0.39	0.37	0.34	0.35
Network Mean =	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59
Natl. Mean =												
% Kt/V >= 1.4	87%	90%	87%	79%	88%	78%	85%	82%	87%	83%	72%	85%
**% Kt/V >= 1.2	96%	97%	99%	96%	97%	93%	97%	94%	97%	94%	90%	96%
** As of Apr. '04												

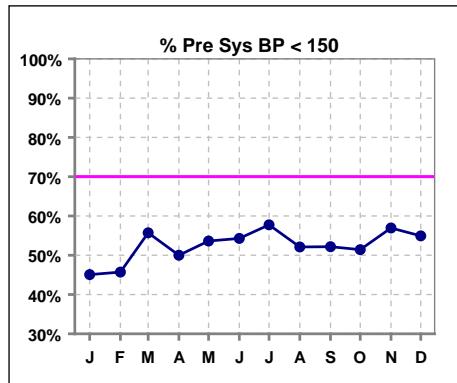


## Blood Pressure Control (Pre)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Pre Dia BP	71	70	70	70	69	70	71	71	69	70	72	71
# Pre Dia BP < 90	57	54	56	61	56	56	60	59	58	53	57	61
Pop. Mean =	77	79	78	76	76	77	76	76	78	79	77	76
Std. Deviation =	14.6	19.4	14.9	13.0	13.7	13.8	12.6	13.5	15.6	22.4	15.5	14.4
Network Mean =												
Natl. Mean =												
% Pre Dia BP < 90	80%	77%	80%	87%	81%	80%	85%	83%	84%	76%	79%	86%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Pre Sys BP	71	70	70	70	69	70	71	71	69	70	72	71
# Pre Sys BP < 150	32	32	39	35	37	38	41	37	36	36	41	39
Pop. Mean =	151	150	147	149	147	149	147	149	151	150	148	149
Std. Deviation =	22.2	22.1	21.8	21.2	21.9	21.5	20.2	21.7	23.9	22.3	23.5	22.3
Network Mean =												
Natl. Mean =												
% Pre Sys BP < 150	45%	46%	56%	50%	54%	54%	58%	52%	52%	51%	57%	55%



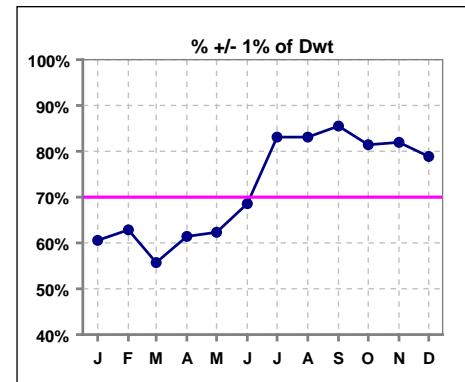
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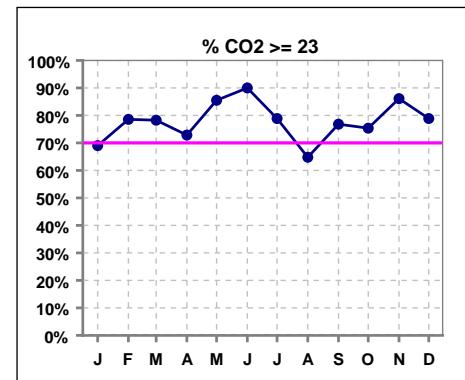
2

## I. ADEQUACY OF DIALYSIS - CONT.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Post/Dwt	71	70	70	70	69	70	71	71	69	70	72	71
# +/- 1% of Dwt	43	44	39	43	43	48	59	59	59	57	59	56
% +/- 1% of Dwt	61%	63%	56%	61%	62%	69%	83%	83%	86%	81%	82%	79%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# CO2	71	70	69	70	69	70	71	71	69	69	72	71
# CO2 >= 23	49	55	54	51	59	63	56	46	53	52	62	56
Pop. Mean =	24	25	25	25	25	26	25	24	25	25	26	25
Std. Deviation =	4.20	3.20	4.52	4.05	3.35	2.83	3.48	3.64	2.88	3.82	4.31	3.90
Network Mean =												
Natl. Mean =												
% CO2 >= 23	69%	79%	78%	73%	86%	90%	79%	65%	77%	75%	86%	79%



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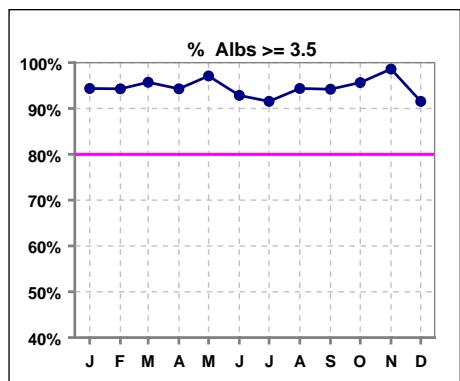
3

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

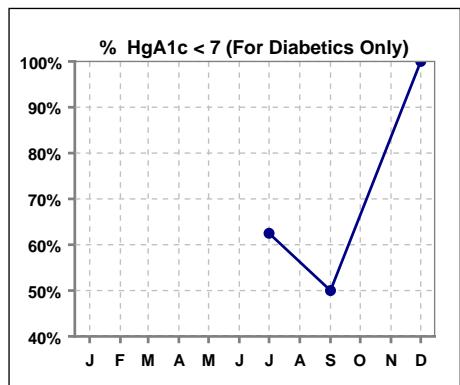
## II. NUTRITION

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Albumin	71	70	70	70	69	70	71	71	69	69	72	71
# Albumin >= 3.5	67	66	67	66	67	65	65	67	65	66	71	65
Pop. Mean =	4.0	4.0	4.0	4.0	4.0	3.9	4.0	4.1	4.1	4.1	4.1	4.0
Std. Deviation =	0.31	0.34	0.30	0.25	0.27	0.31	0.41	0.34	0.35	0.34	0.30	0.39
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 =	3.8	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	94%	94%	96%	94%	97%	93%	92%	94%	94%	96%	99%	92%
% Alb >= 4.0	55%	59%	53%	56%	54%	43%	66%	70%	72%	67%	69%	58%
*Natl % >= 3.5-BCG	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%
*Natl. % >= 4.0-BCG	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%

\*Figures for 2004



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# HgA1c							16		2			3
# HgA1c < 7							10		1			3
Pop. Mean =							6.8		7.3			5.4
Std. Deviation =							0.93		2.19			1.31
Network Mean =												
Natl. Mean =												
% HgA1c < 7							63%		50%			100%



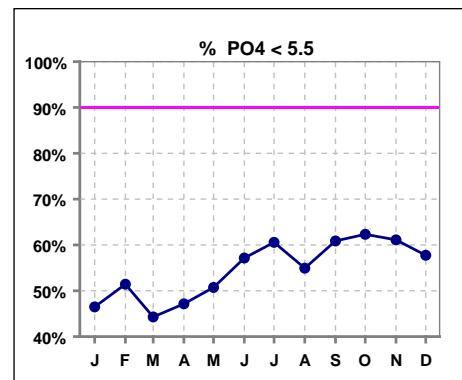
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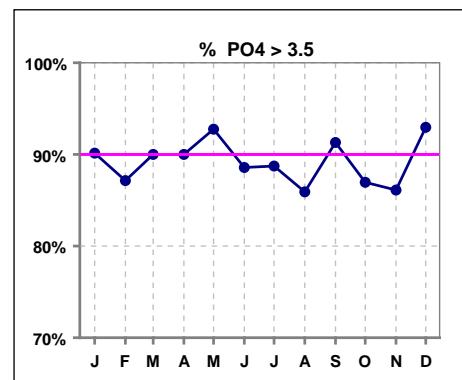
4

### III. OSTEODYSTROPHY

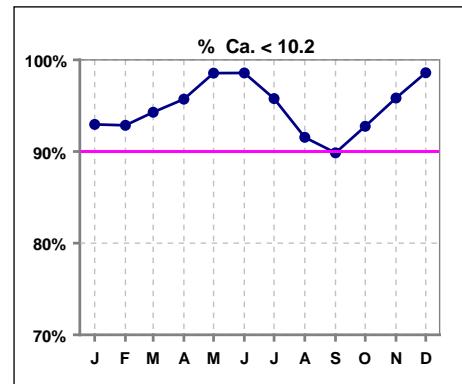
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PO4	71	70	70	70	69	70	71	71	69	69	72	71
# PO4 < 5.5	33	36	31	33	35	40	43	39	42	43	44	41
Pop. Mean =	5.6	5.3	5.6	5.6	5.6	5.3	5.3	5.4	5.4	5.3	5.2	5.5
Std. Deviation =	1.70	1.37	1.40	1.51	1.53	1.49	1.49	1.80	1.57	1.63	1.53	1.35
Network Mean =												
Natl. Mean =												
% PO4 < 5.5	46%	51%	44%	47%	51%	57%	61%	55%	61%	62%	61%	58%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PO4	71	70	70	70	69	70	71	71	69	69	72	71
# PO4 > 3.5	64	61	63	63	64	62	63	61	63	60	62	66
Pop. Mean =	5.6	5.3	5.6	5.6	5.6	5.3	5.3	5.4	5.4	5.3	5.2	5.5
Std. Deviation =	1.70	1.37	1.40	1.51	1.53	1.49	1.49	1.80	1.57	1.63	1.53	1.35
Network Mean =												
Natl. Mean =												
% PO4 > 3.5	90%	87%	90%	90%	93%	89%	89%	86%	91%	87%	86%	93%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Calcium	71	70	70	70	69	70	71	71	69	69	72	71
# Calcium < 10.2	66	65	66	67	68	69	68	65	62	64	69	70
Pop. Mean =	9.2	9.2	9.2	9.3	9.2	9.1	9.1	9.3	9.2	9.2	9.1	8.9
Std. Deviation =	0.87	0.85	0.75	0.72	0.70	0.70	0.69	0.77	0.81	0.67	0.59	0.71
Network Mean =												
Natl. Mean =												
% Ca < 10.2	93%	93%	94%	96%	99%	99%	96%	92%	90%	93%	96%	99%



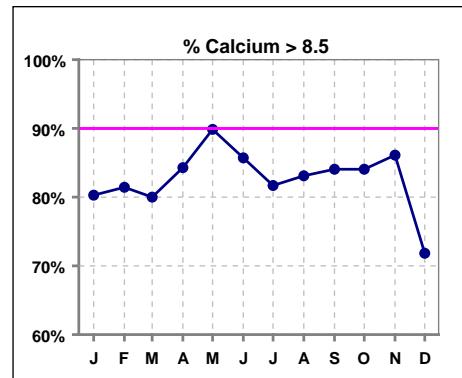
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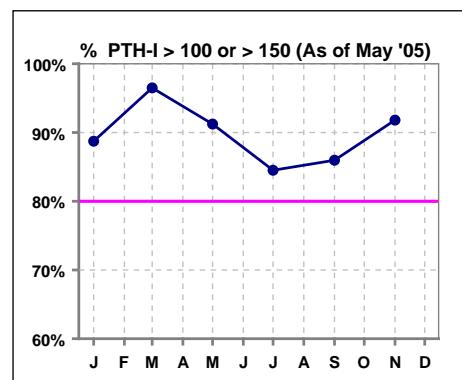
5

## III. OSTEODYSTROPHY - CONT.

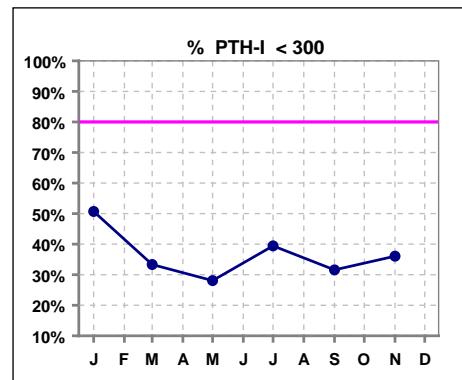
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Calcium	71	70	70	70	69	70	71	71	69	69	72	71
# Calcium > 8.5	57	57	56	59	62	60	58	59	58	58	62	51
Pop. Mean =	9.2	9.2	9.2	9.3	9.2	9.1	9.1	9.3	9.2	9.2	9.1	8.9
Std. Deviation =	0.87	0.85	0.75	0.72	0.70	0.70	0.69	0.77	0.81	0.67	0.59	0.71
Network Mean =												
Natl. Mean =												
% Calcium > 8.5	80%	81%	80%	84%	90%	86%	82%	83%	84%	84%	86%	72%



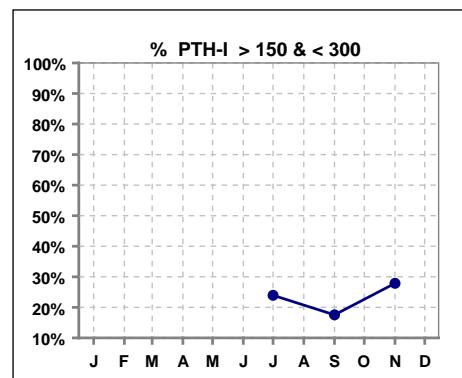
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PTH-I	71		57		57		71		57		61	
# PTH-I > 100	63		55									
# PTH-I > 150					52		60		49		56	
Pop. Mean =	421		414		513		462		669		618	
Std. Deviation =	564		402		664		544		753		566	
Network Mean =												
Natl. Mean =												
% PTH-I > 100 or 150	89%		96%		91%		85%		86%		92%	



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PTH-I	71		57		57		71		57		61	
# PTH-I < 300	36		19		16		28		18		22	
Pop. Mean =	421		414		513		462		669		618	
Std. Deviation =	564		402		664		544		753		566	
Network Mean =												
Natl. Mean =												
% PTH-I < 300	51%		33%		28%		39%		32%		36%	



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PTH-I							71		57		61	
# PTH-I > 150 & < 300							17		10		17	
Pop. Mean =							462		669		618	
Std. Deviation =							544		753		566	
Network Mean =												
Natl. Mean =												
% PTH-I >100 & <300							24%		18%		28%	



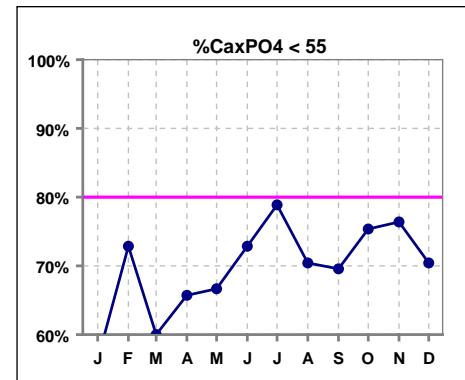
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6

## III. OSTEODYSTROPHY - CONT.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Ca x PO4	71	70	70	70	69	70	71	71	69	69	72	71
# Ca x PO4 < 55	40	51	42	46	46	51	56	50	48	52	55	50
Pop. Mean =	51.3	48.8	51.4	51.8	50.9	48.9	48.0	50.1	49.6	49.1	47.6	48.7
Std. Deviation =	16.7	13.0	13.1	14.2	14.6	14.5	13.1	16.4	13.9	14.7	14.0	12.1
Network Mean =												
Natl. Mean =												
% CaxPO4 < 55	56%	73%	60%	66%	67%	73%	79%	70%	70%	75%	76%	70%



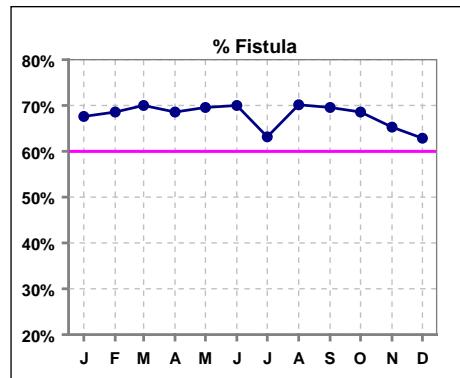
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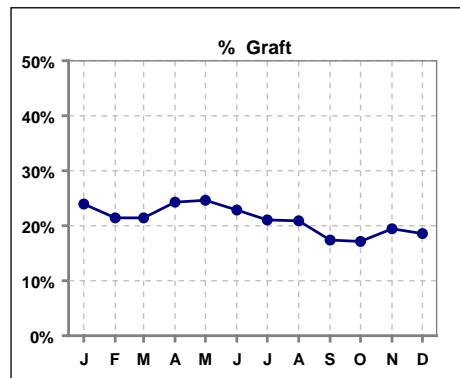
7

## IV. ACCESS

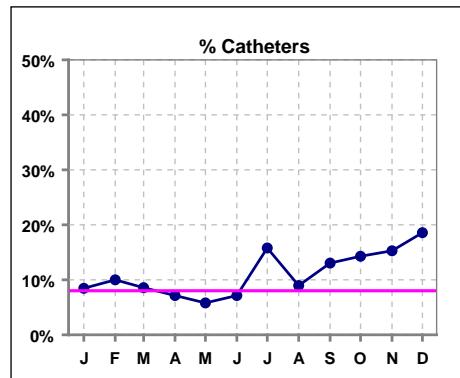
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Access	71	70	70	70	69	70	38	67	69	70	72	70
# Fistula	48	48	49	48	48	49	24	47	48	48	47	44
Network % - 2004	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%
Natl. % - 2004	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%
% Fistula	68%	69%	70%	69%	70%	70%	63%	70%	70%	69%	65%	63%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Access	71	70	70	70	69	70	38	67	69	70	72	70
# Graft	17	15	15	17	17	16	8	14	12	12	14	13
Network %												
Natl. %												
% Graft	24%	21%	21%	24%	25%	23%	21%	21%	17%	17%	19%	19%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Access	71	70	70	70	69	70	38	67	69	70	72	70
# Catheters	6	7	6	5	4	5	6	6	9	10	11	13
Network %												
Natl. % - 2004	27%	27%	27%	27%	27%	27%	27%	27%	27%	27%	27%	27%
% Catheters	8%	10%	9%	7%	6%	7%	16%	9%	13%	14%	15%	19%



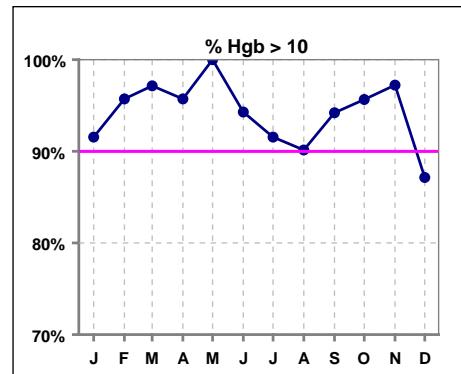
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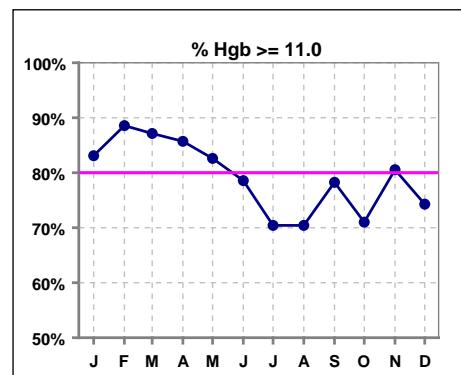
8

## V. ANEMIA

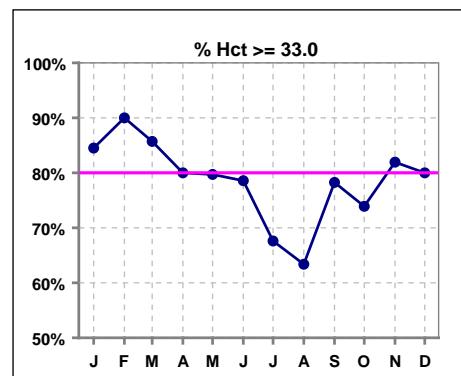
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hgb	71	70	70	70	69	70	71	71	69	69	72	70
# Hgb > 10.0	65	67	68	67	69	66	65	64	65	66	70	61
Pop. Mean =	12.0	12.0	12.1	12.1	12.1	11.9	11.5	11.5	11.8	11.6	11.8	11.5
Std. Deviation =	1.4	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.0	1.1
Network Mean =	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
Natl. Mean =												
% Hgb > 10.0	92%	96%	97%	96%	100%	94%	92%	90%	94%	96%	97%	87%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hgb	71	70	70	70	69	70	71	71	69	69	72	70
# Hgb >= 11.0	59	62	61	60	57	55	50	50	54	49	58	52
Pop. Mean =	12.0	12.0	12.1	12.1	12.1	11.9	11.5	11.5	11.8	11.6	11.8	11.5
Std. Deviation =	1.4	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.0	1.1
Network Mean =	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
Natl. Mean =												
% Hgb >= 11.0	83%	89%	87%	86%	83%	79%	70%	70%	78%	71%	81%	74%
% Natl. >= 11.0 2004	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hct	71	70	70	70	69	70	71	71	69	69	72	70
# Hct >= 33.0	60	63	60	56	55	55	48	45	54	51	59	56
Pop. Mean =	37	37	36	36	36	36	35	35	36	35	36	35
Std. Deviation =	3.78	3.17	2.95	3.83	3.74	3.75	3.75	3.59	3.73	3.49	3.11	3.57
Network Mean =												
Natl. Mean =												
% Hct >= 33.0	85%	90%	86%	80%	80%	79%	68%	63%	78%	74%	82%	80%



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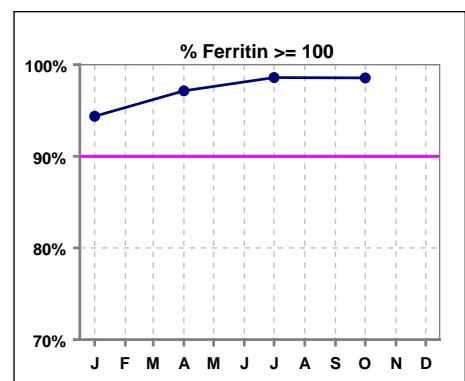
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9

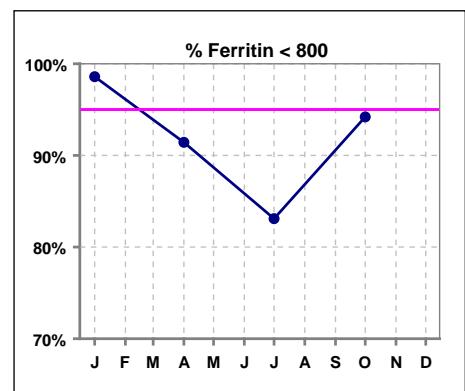
## V. ANEMIA - CONT.

### Iron Profile

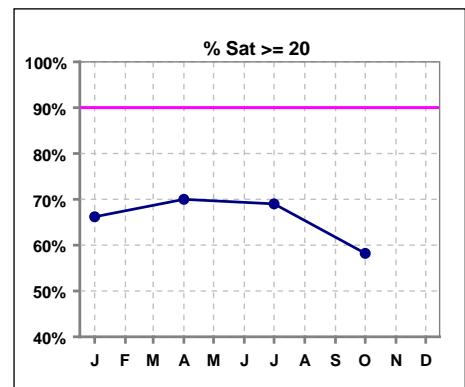
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Ferritin	71			70			71			69		
# Ferritin >= 100	67			68			70			68		
Pop. Mean =	388			465			549			516		
Std. Deviation =	216			272			270			367		
Network Mean =												
Natl. Mean =												
% Ferritin >= 100	94%			97%			99%			99%		
%Natl. >=100 2004	94%			94%			94%			94%		



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Ferritin	71			70			71			69		
# Ferritin < 800	70			64			59			65		
Pop. Mean =	388			465			549			516		
Std. Deviation =	216			272			270			367		
Network Mean =												
Natl. Mean =												
% Ferritin < 800	99%			91%			83%			94%		



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# % Sat	71			70			71			67		
# % Sat >= 20	47			49			49			39		
Pop. Mean =	28			26			26			23		
Std. Deviation =	19			12			12			12		
Network Mean =												
Natl. Mean =												
% Sat% >= 20	66%			70%			69%			58%		
%Natl. >=20 2004	81%			81%			81%			81%		



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# % Sat	71			70			71			67		
# % Sat < 50	65			67			68			64		
Pop. Mean =	28			26			26			23		
Std. Deviation =	19			12			12			12		
Network Mean =												
Natl. Mean =												
% Sat% < 50	92%			96%			96%			96%		

