

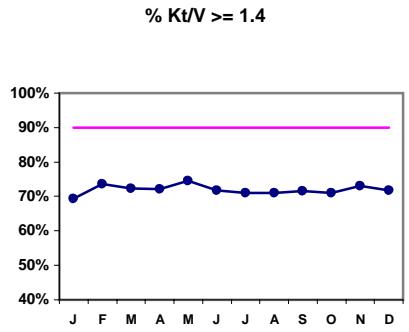
# Northwest Kidney Centers - Consolidated Center

1

Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)  
Through period ending December 31, 2003

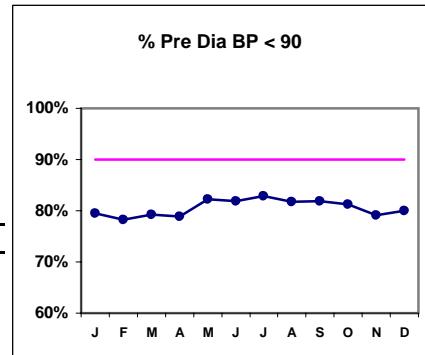
## I. ADEQUACY OF DIALYSIS

	J	F	M	A	M	J	J	A	S	O	N	D
# Kt/V	938	947	941	944	948	958	966	983	976	954	954	940
# Kt/V >= 1.4	651	697	681	681	706	688	686	698	699	677	697	675
Pop. Mean =	1.54	1.57	1.56	1.6	1.59	1.58	1.57	1.56	1.55	1.6	1.61	1.61
Std. Deviation =	0.37	0.37	0.43	0.51	0.4	0.44	0.41	0.44	0.4	1.15	0.46	0.53
Network Mean =	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61
Natl. Mean 1999 =	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	69%	74%	72%	72%	74%	72%	71%	71%	72%	71%	73%	72%
% Kt/V > 1.2	88%	89%	88%	87%	90%	89%	89%	87%	88%	88%	90%	89%
Network > 1.2 '00	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%
Natl. % > 1.2 - 2001	91%	91%	91%	91%	91%	91%	91%	91%	91%	91%	91%	91%



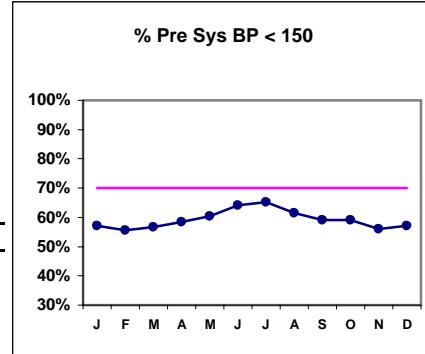
## Blood Pressure Control (Pre)

# Pre Dia BP	961	966	961	964	975	981	991	1005	991	982	979	968
# Pre Dia BP < 90	764	756	762	760	802	803	821	821	812	798	775	775
Pop. Mean =	80	80	80	80	79	78	78	78	78	79	80	80
Std. Deviation =	13.5	13.7	14.1	13.5	13.3	13.8	13.3	13.1	12.9	13.4	13.8	14.5
Network Mean =												
Natl. Mean =												
% Pre Dia BP < 90	80%	78%	79%	79%	82%	82%	83%	82%	82%	81%	79%	80%



## Pre-Systolic Blood Pressure

# Pre Sys BP	961	966	961	964	975	981	991	1005	991	982	979	968
# Pre Sys BP < 150	550	537	544	564	588	629	646	619	586	580	549	552
Pop. Mean =	146	147	146	145	144	143	142	144	145	145	147	146
Std. Deviation =	20.5	20.6	21	20.8	20.9	20.9	21.2	21	21	21.1	21.6	21.2
Network Mean =												
Natl. Mean =												
% Pre Sys BP < 150	57%	56%	57%	59%	60%	64%	65%	62%	59%	59%	56%	57%



\*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.

## Northwest Kidney Centers - Consolidated Center

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Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)  
Through period ending December 31, 2003

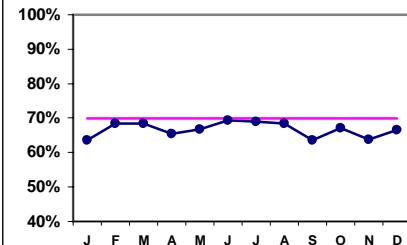
### I. ADEQUACY OF DIALYSIS - CONT.

	J	F	M	A	M	J	J	A	S	O	N	D
--	---	---	---	---	---	---	---	---	---	---	---	---

# Post/Dwt	954	959	955	957	964	974	985	995	985	976	971	961
# +/- 1% of Dwt	606	657	654	626	644	676	679	681	626	655	619	640

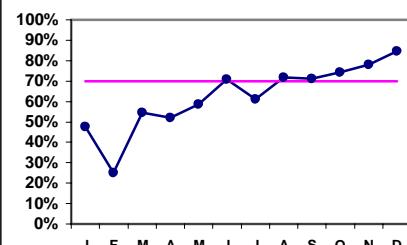
% +/- 1% of Dwt	64%	69%	68%	65%	67%	69%	69%	68%	64%	67%	64%	67%
-----------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

% +/- 1% of Dwt



# CO2	959	962	955	960	971	980	988	999	989	977	973	965
# CO2 >= 23	457	241	520	499	570	695	603	718	705	725	761	817
Pop. Mean =	22	21	23	23	23	24	23	24	24	24	25	25
Std. Deviation =	3.11	3.49	3.53	3.34	3.58	3.26	3.48	3.50	3.31	3.29	3.92	3.34
Network Mean =												
Natl. Mean =												
% CO2 >= 23	48%	25%	54%	52%	59%	71%	61%	72%	71%	74%	78%	85%

% CO2 >= 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.

# Northwest Kidney Centers - Consolidated Center

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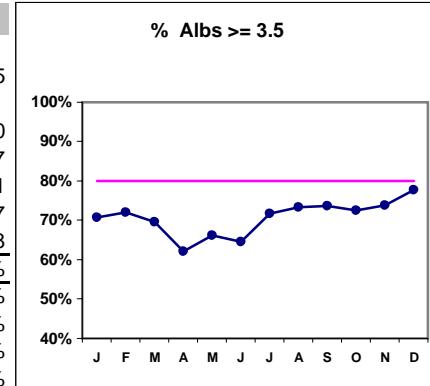
Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)  
Through period ending December 31, 2003

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

## II. NUTRITION

	J	F	M	A	M	J	J	A	S	O	N	D
# Albumin	959	962	955	960	971	980	987	999	989	977	973	965
# Albumin >= 3.5	678	693	664	596	642	632	708	732	728	708	718	750
Pop. Mean =	3.6	3.6	3.6	3.5	3.5	3.5	3.6	3.7	3.7	3.6	3.7	3.7
Std. Deviation =	0.37	0.4	0.38	0.39	0.39	0.4	0.4	0.41	0.4	0.4	0.41	0.41
*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	71%	72%	70%	62%	66%	64%	72%	73%	74%	72%	74%	78%
NKC % >= 3.7	46%	51%	47%	38%	41%	43%	50%	54%	54%	51%	56%	62%
NKC % >= 4.0	16%	22%	17%	14%	13%	13%	19%	22%	24%	22%	26%	30%
*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



\*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.

# Northwest Kidney Centers - Consolidated Center

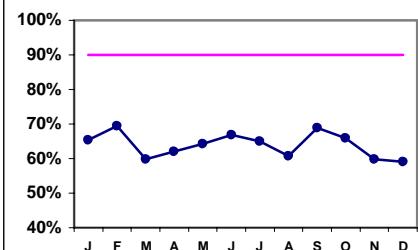
4

Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)  
Through period ending December 31, 2003

### III. OSTEODYSTROPHY

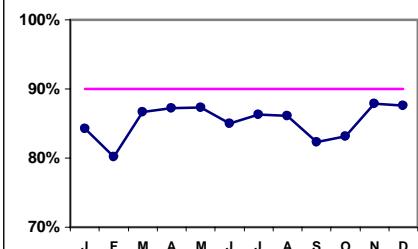
	J	F	M	A	M	J	J	A	S	O	N	D
# PO4	957	962	955	960	971	981	988	999	989	977	974	966
# PO4 < 5.5	625	668	571	595	624	655	643	607	681	644	582	570
Pop. Mean =	5.0	4.9	5.2	5.2	5.1	4.9	5.0	5.1	4.8	5.0	5.2	5.2
Std. Deviation	1.48	1.48	1.52	1.5	1.5	1.41	1.4	1.43	1.4	1.5	1.54	1.5
Network Mean =												
Natl. Mean =												
% PO4 < 5.5	65%	69%	60%	62%	64%	67%	65%	61%	69%	66%	60%	59%

% PO4 < 5.5



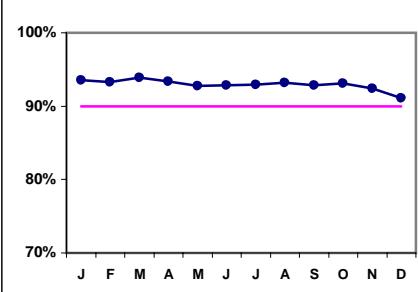
# PO4	957	962	955	960	971	981	988	999	989	977	974	966
# PO4 > 3.5	806	771	828	837	848	834	853	860	814	812	856	846
Pop. Mean =	5.0	4.9	5.2	5.2	5.1	4.9	5.0	5.1	4.8	5.0	5.2	5.2
Std. Deviation	1.48	1.48	1.52	1.5	1.5	1.41	1.4	1.43	1.4	1.5	1.54	1.5
Network Mean =												
Natl. Mean =												
% PO4 > 3.5	84%	80%	87%	87%	87%	85%	86%	86%	82%	83%	88%	88%

% PO4 > 3.5



# Calcium	959	962	955	960	971	981	988	999	989	977	974	966
# Calcium < 10.2	897	897	897	896	901	911	918	931	918	910	900	880
Pop. Mean =	9.1	9.1	9.1	9.0	9.1	9.1	9.1	9.1	9.2	9.1	9.1	9.2
Std. Deviation	0.79	0.77	0.76	0.79	0.79	0.79	0.79	0.76	0.75	0.78	0.8	0.78
Network Mean =												
Natl. Mean =												
% Ca < 10.2	94%	93%	94%	93%	93%	93%	93%	93%	93%	93%	92%	91%

% Ca. < 10.2



\*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.

# Northwest Kidney Centers - Consolidated Center

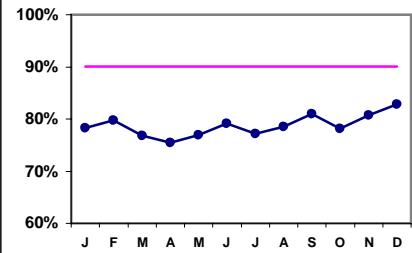
5

Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)  
Through period ending December 31, 2003

## III. OSTEODYSTROPHY - CONT.

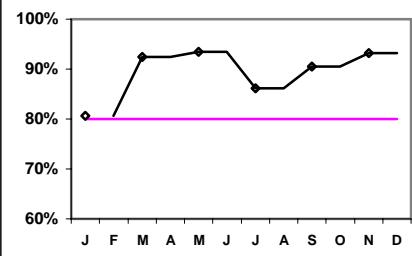
	J	F	M	A	M	J	J	A	S	O	N	D
# Calcium	959	962	955	960	971	981	988	999	989	977	974	966
# Calcium > 8.5	751	767	734	725	747	776	763	784	801	764	786	800
Pop. Mean =	9.1	9.1	9.1	9.0	9.1	9.1	9.1	9.1	9.2	9.1	9.1	9.2
Std. Deviation =	0.79	0.77	0.76	0.79	0.79	0.79	0.79	0.76	0.75	0.78	0.8	0.78
Network Mean =												
Natl. Mean =												
% Calcium > 8.5	78%	80%	77%	76%	77%	79%	77%	78%	81%	78%	81%	83%

% Calcium > 8.5



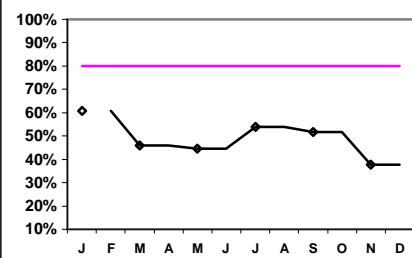
# PTH-I	956	598	629	964	641	678
# PTH-I > 100	771	553	588	830	580	632
Pop. Mean =	329	418	440	368	253	504
Std. Deviation =	329	349	369	366	340	438
Network Mean =						
Natl. Mean =						
% PTH-I > 100	81%	92%	93%	86%	90%	93%

% PTH-I > 100



# PTH-I	956	598	629	964	641	678
# PTH-I < 300	582	274	280	519	332	255
Pop. Mean =	329	418	440	368	253	504
Std. Deviation =	329	349	369	366	340	438
Network Mean =						
Natl. Mean =						
% PTH-I < 300	61%	46%	45%	54%	52%	38%

% PTH-I < 300



\*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.

# Northwest Kidney Centers - Consolidated Center

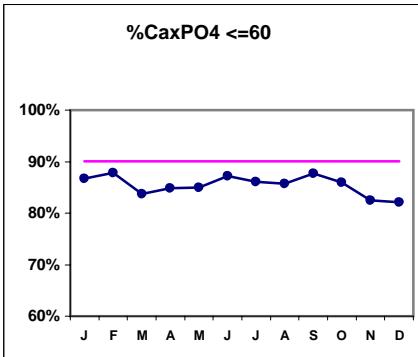
6

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

Through period ending December 31, 2003

## III. OSTEODYSTROPHY - CONT.

	J	F	M	A	M	J	J	A	S	O	N	D
# Ca x PO4	957	962	955	960	971	981	988	999	989	977	974	966
# Ca x PO4 <= 60	830	845	800	815	825	855	850	856	867	840	803	793
Pop. Mean =	44.9	44.4	47.0	46.7	46.0	44.9	45.6	46.2	44.3	45.2	47.5	47.8
Std. Deviation =	13.5	13.5	14.0	13.7	13.6	13.0	13.1	13.2	13.2	13.8	14.3	14.1
Network Mean =												
Natl. Mean =												
CaxPO4 <= 60	87%	88%	84%	85%	85%	87%	86%	86%	88%	86%	82%	82%



\*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.

## Northwest Kidney Centers - Consolidated Center

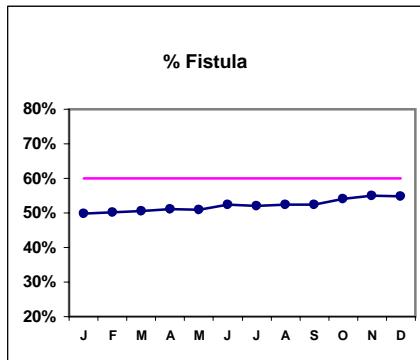
7

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

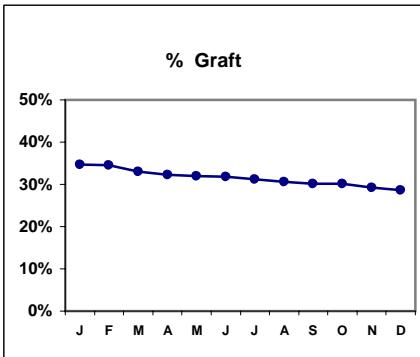
Through period ending December 31, 2003

### IV. ACCESS

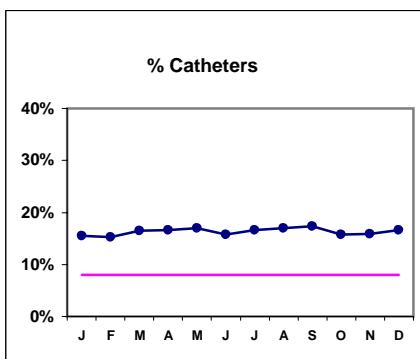
	J	F	M	A	M	J	J	A	S	O	N	D
# Access	961	966	961	964	975	982	992	1005	991	982	979	968
# Fistula	478	485	485	493	497	515	517	527	520	531	538	530
Network %												
Natl. % - 2000	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%
% Fistula	50%	50%	50%	51%	51%	52%	52%	52%	54%	55%	55%	55%



# Access	961	966	961	964	975	982	992	1005	991	982	979	968
# Graft	334	334	318	311	312	312	310	307	299	296	286	277
Network %												
Natl. %												
% Graft	35%	35%	33%	32%	32%	32%	31%	31%	30%	30%	29%	29%



# Access	961	966	961	964	975	982	992	1005	991	982	979	968
# Catheters	149	147	158	160	166	155	165	171	172	155	155	161
Network %												
Natl. %												
% Other	16%	15%	16%	17%	17%	16%	17%	17%	17%	16%	16%	17%



\*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.

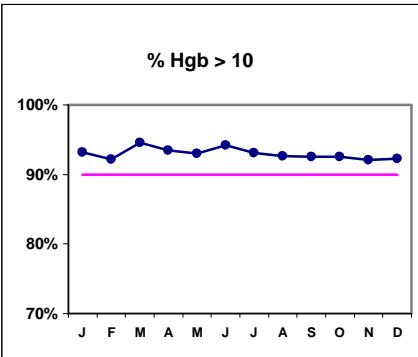
## Northwest Kidney Centers - Consolidated Center

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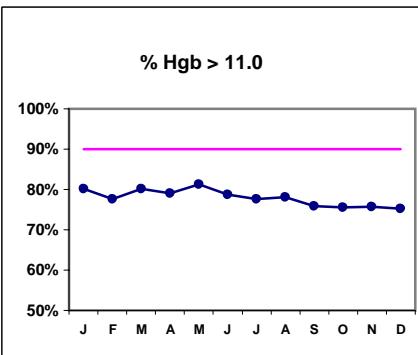
Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)  
Through period ending December 31, 2003

### V. ANEMIA

	J	F	M	A	M	J	J	A	S	O	N	D
# Hgb	958	962	955	960	970	980	987	999	989	976	973	968
# Hgb > 10.0	893	887	903	897	902	923	919	925	915	903	896	893
Pop. Mean =	12	11.9	12	12	12	12	11.9	11.9	11.8	11.8	11.8	11.8
Std. Deviation =	1.34	1.37	1.32	1.33	1.34	1.33	1.3	1.28	1.26	1.3	1.32	1.31
*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 > 10.0	93%	92%	95%	93%	93%	94%	93%	93%	93%	93%	92%	92%
*% Network >= 10	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%
*Figures for 2000												

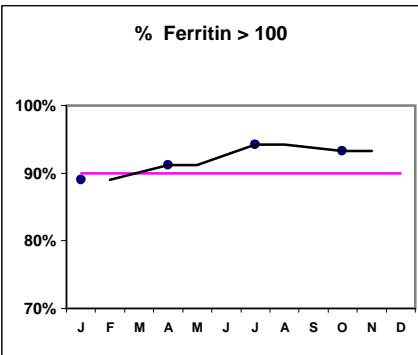


# Hgb	958	962	955	960	970	980	987	999	989	976	973	968
# Hgb > 11.0	768	747	766	759	789	771	766	780	750	737	737	728
Pop. Mean =	12	11.9	12	12	12	12	11.9	11.9	11.8	11.8	11.8	11.8
Std. Deviation =	1.34	1.37	1.32	1.33	1.34	1.33	1.3	1.28	1.26	1.3	1.32	1.31
*Network Mean =	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
Natl. Mean =												
% Hgb > 11.0	80%	78%	80%	79%	81%	79%	78%	78%	76%	76%	76%	75%
*% Network >= 11	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%
*Figures for 2000												



### Iron Profile

# Ferritin	845	920	934	672
# Ferritin > 100	752	839	880	627
Pop. Mean =	362	406	489	373
Std. Deviation =	250	301	358	435
*Network Mean =	489	489	489	489
Natl. Mean =				
% Ferritin > 100	89%	91%	94%	93%
*% Network > 100	88%	88%	88%	88%
*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.

# Northwest Kidney Centers - Consolidated Center

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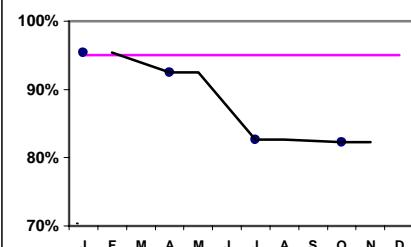
Quality Assurance Reports (Excludes patients in first 3 months of treatment - as of Dec. 31, 2002)  
Through period ending December 31, 2003

## V. ANEMIA - CONT.

	J	F	M	A	M	J	J	A	S	O	N	D
# Ferritin	845		920		934		672					
# Ferritin < 800	806		851		772		553					
Pop. Mean =	362		406		489		373					
Std. Deviation =	250		301		358		435					
*Network Mean =	489		489		489		489					
Natl. Mean =												
% Ferritin < 800	95%		93%		83%		82%					

\*Figures for 2000

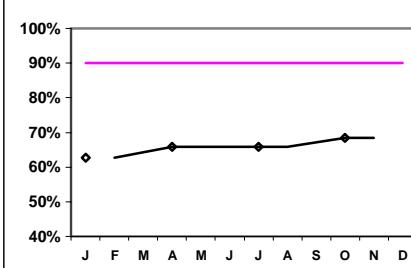
% Ferritin < 800



# % Sat	846	921	935	673
# % Sat > 20	530	606	616	460
Pop. Mean =	25.1	25.6	25.5	26.4
Std. Deviation =	10.3	10.4	10.2	11.3
*Network Mean =	28	28	28	28
Natl. Mean =				
% Sat% > 20	63%	66%	66%	68%
*% Network > 20	71%	71%	71%	71%

\*Figures for 2000

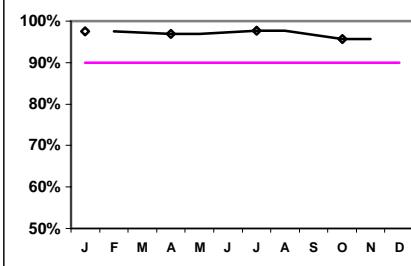
% Sat > 20



# % Sat	846	921	935	673
# % Sat < 50	825	892	913	644
Pop. Mean =	25.1	25.6	25.5	26.4
Std. Deviation =	10.3	10.4	10.2	11.3
*Network Mean =	28	28	28	28
Natl. Mean =				
% Sat% < 50	98%	97%	98%	96%

\*Figures for 2000

% Sat < 50



\*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.