

Northwest Kidney Centers - Consolidated Center Hemodialysis

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

Through period ending Dec. 31, 2001

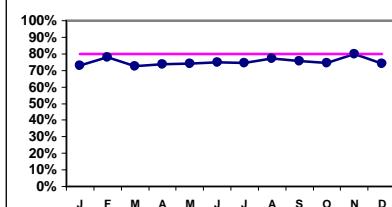
I.J. - I.S. Dept.

Note: Monthly values with an * are PACLAB values - as of July 2001

I. ADEQUACY OF DIALYSIS

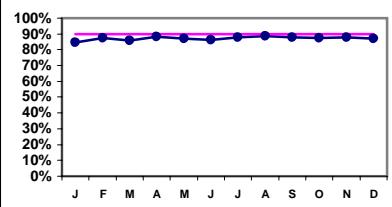
	J	F	M	A	M	J	J	A	S	O	N	D
# eKt/V	790	781	786	792	800	784	816	812	797	801	813	827
# eKt/V >= 1.2	576	609	572	583	592	586	609	626	604	598	649	613
Pop. Mean =	1.31	1.37	1.34	1.34	1.35	1.33	1.35	1.39	1.35	1.37	1.39	1.33
Std. Deviation =	0.29	0.32	0.48	0.28	0.35	0.28	0.31	0.40	0.32	0.43	0.37	0.28
Network Mean =												
Natl. Mean =												
% eKt/V >= 1.2	73%	78%	73%	74%	74%	75%	75%	77%	76%	75%	80%	74%

% eKt/V >= 1.2



# URR	799	795	800	806	814	802	831	822	803	809	824	835
# URR >= 65.0	675	696	688	712	709	690	730	728	705	706	723	726
Pop. Mean =	71.5	72.8	71.8	72.2	72.4	72.0	72.6	73.0	72.4	72.4	73.2	72.1
Std. Deviation =	7.82	7.6	8.7	7.3	7.2	7.1	7.0	7.2	7.6	7.3	7.6	7.2
*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	84%	88%	86%	88%	87%	86%	88%	89%	88%	87%	88%	87%
*Network % > 65.0	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%
*Natl. % > 65.0	82%	82%	82%	82%	82%	82%	82%	82%	82%	82%	82%	82%

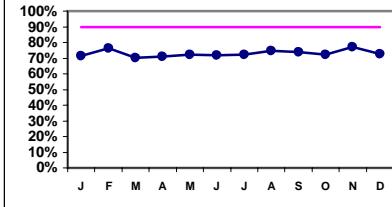
% URR >= 65.0



* Figures for 2000

# Kt/V	790	781	783	791	799	783	815	812	796	802	811	823
# Kt/V >= 1.4	563	596	549	563	578	563	590	606	589	578	625	597
Pop. Mean =	1.52	1.59	1.55	1.54	1.56	1.54	1.56	1.61	1.57	1.58	1.61	1.54
Std. Deviation =	0.34	0.38	0.58	0.33	0.42	0.33	0.37	0.47	0.37	0.51	0.44	0.33
Network Mean =												
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	71%	76%	70%	71%	72%	72%	75%	74%	72%	77%	73%	
% Kt/V > 1.2	88%	91%	88%	90%	89%	89%	90%	92%	90%	90%	90%	90%
Network > 1.2 '99	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%
Natl. % > 1.2 - 2000	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%

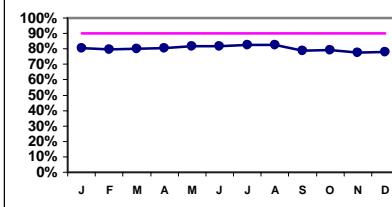
% Kt/V >= 1.4



Blood Pressure Control (Pre)

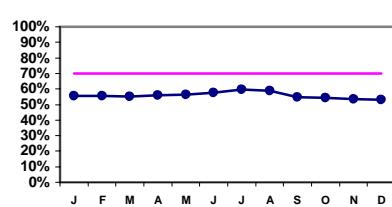
# Pre Dia BP	813	812	822	818	826	832	839	840	832	823	838	848
# Pre Dia BP < 90	654	648	658	657	675	681	693	693	655	652	651	662
Pop. Mean =	79.9	80.3	79.5	79.6	79.3	79.1	78.7	78.5	80.1	80.4	80.4	80.1
Std. Deviation =	13.3	14.1	12.8	13.6	13	13	13	12.9	13.8	14	14	13.1
Network Mean =												
Natl. Mean =												
% Pre Dia BP < 90	80%	80%	80%	80%	82%	82%	83%	83%	79%	79%	78%	78%

% Pre Dia BP < 90



# Pre Sys BP	813	812	822	818	826	832	839	840	832	823	838	848
# Pre Sys BP < 150	451	452	453	459	465	479	500	494	457	446	448	449
Pop. Mean =	147	148	147	147	147	146	145	145	148	148	148	149
Std. Deviation =	20.3	20.6	20.5	21.1	21.2	21.5	20.8	21.1	21.8	22.5	22.3	22.2
Network Mean =												
Natl. Mean =												
% Pre Sys BP < 150	55%	56%	55%	56%	56%	58%	60%	59%	55%	54%	53%	53%

% Pre Sys BP < 150



*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 Hemodialysis

I.J - I.S. Dept.

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

Through period ending Dec. 31, 2001

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I. ADEQUACY OF DIALYSIS - CONT.

J J J J J J J J J J J J J

Dialysis Hrs

Hrs. 2.5 - 3

Pop. Mean =

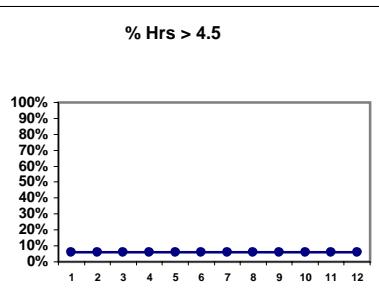
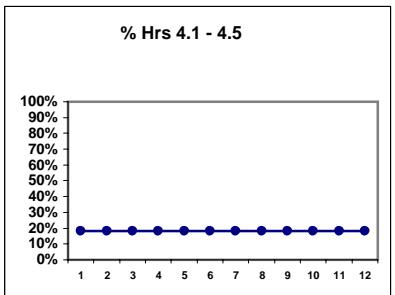
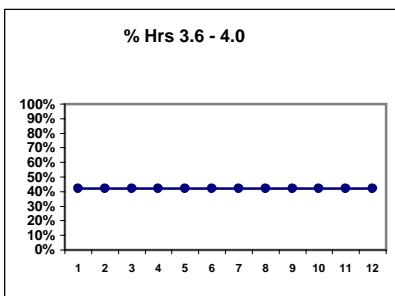
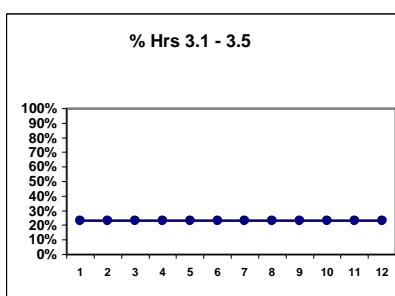
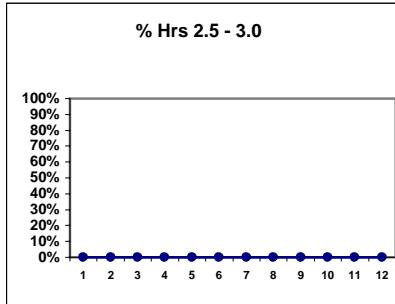
Std. Deviation =

Network Mea

Natl. Mean =

Nati. Mean =

% HIS. 2.5 - 3.0



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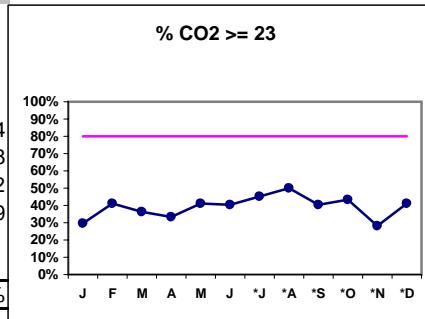
Quality Assurance Reports (Excludes patients in first 6 months of treatment)

Through period ending Dec. 31, 2001

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I. ADEQUACY OF DIALYSIS - CONT.

	J	F	M	A	M	J	*J	*A	*S	*O	*N	*D
# CO2	808	806	816	813	823	824	835	837	821	815	830	844
# CO2 >= 23	238	330	295	271	337	334	376	417	331	352	233	348
Pop. Mean =	20.9	22	21	21	22	22	22	22	21	22	21	22
Std. Deviation =	3.40	3.75	3.75	3.59	3.39	3.05	2.85	3.17	3.78	3.61	3.58	3.19
Network Mean =												
Natl. Mean =												
% CO2 >= 23	29%	41%	36%	33%	41%	41%	45%	50%	40%	43%	28%	41%



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

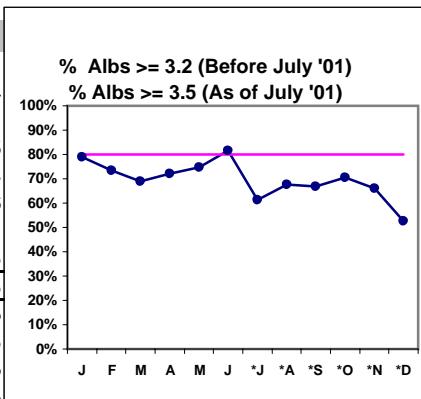
Through period ending Dec. 31, 2001

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

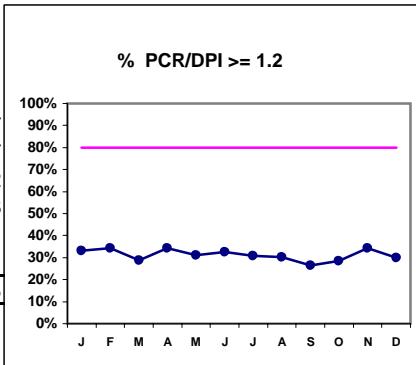
II. NUTRITION

	J	F	M	A	M	J	*J	*A	*S	*O	*N	*D
# Albumin	809	806	816	813	823	824	835	838	821	816	830	844
# Albumin >= 3.2	638	592	563	586	615	673						
# Albumin >= 3.5							513	567	548	576	548	445
Pop. Mean =	3.42	3.4	3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.6	3.6	3.4
Std. Deviation =	0.4	0.42	0.43	0.41	0.44	0.45	0.35	0.37	0.33	0.36	0.35	0.36
Network Mean =												
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 >= 3.2 or 3.5	79%	73%	69%	72%	75%	82%	61%	68%	67%	71%	66%	53%
NKC % >= 3.7							35%	42%	41%	47%	42%	26%
NKC % >= 4.0							10%	15%	11%	17%	13%	5%
*Natl. % >= 3.5-BCG							80%	80%	80%	80%	80%	80%
*Natl. % >= 4.0-BCG							29%	29%	29%	29%	29%	29%
*Network Mean =	77%	77%	77%	77%	77%	77%	77%	77%	77%	77%	77%	77%

*Figures for 2000



# PCR/DPI	790	781	786	792	800	784	816	812	797	801	813	827
# PCR/DPI >= 1.2	262	268	226	271	250	256	252	245	210	229	280	247
Pop. Mean =	1.05	1.06	1.02	1.06	1.05	1.04	1.04	1.03	1.01	1.02	1.06	1.02
Std. Deviation =	0.28	0.28	0.29	0.27	0.28	0.26	0.28	0.27	0.25	0.26	0.28	0.28
Network Mean =												
Natl. Mean =												
% PCR/DPI >= 1.2	33%	34%	29%	34%	31%	33%	31%	30%	26%	29%	34%	30%



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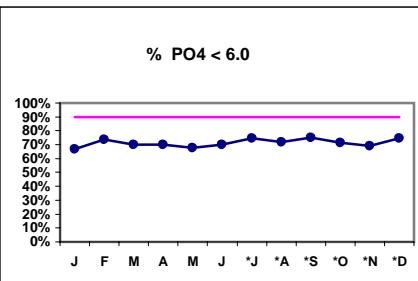
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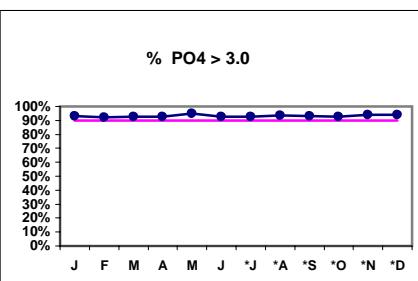
Through period ending Dec. 31, 2001

III. OSTEODYSTROPHY

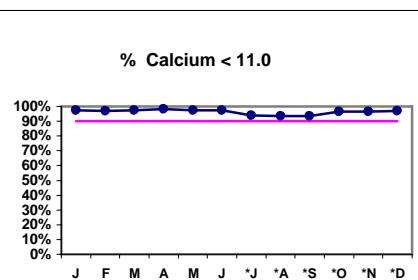
	J	F	M	A	M	J	*J	*A	*S	*O	*N	*D
# PO4	810	806	816	813	823	824	835	839	821	817	830	844
# PO4 < 6.0	542	596	572	568	556	576	622	602	615	582	575	629
Pop. Mean =	5.33	5.08	5.25	5.21	5.39	5.21	5.07	5.15	5.08	5.15	5.28	5.05
Std. Deviation	1.6	1.61	1.66	1.67	1.61	1.68	1.54	1.48	1.52	1.53	1.55	1.53
Network Mean =												
Natl. Mean =												
% PO4 < 6.0	67%	74%	70%	70%	68%	70%	74%	72%	75%	71%	69%	75%



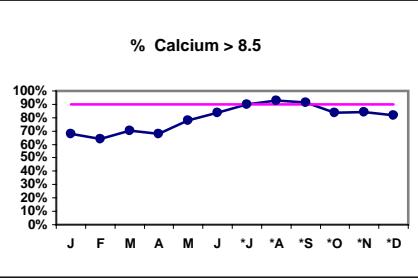
# PO4	810	806	816	813	823	824	835	839	821	817	830	844
# PO4 > 3.0	755	743	757	754	782	762	772	785	766	758	782	794
Pop. Mean =	5.33	5.08	5.25	5.21	5.39	5.21	5.07	5.15	5.08	5.15	5.28	5.05
Std. Deviation	1.6	1.61	1.66	1.67	1.61	1.68	1.54	1.48	1.52	1.53	1.55	1.53
Network Mean =												
Natl. Mean =												
% PO4 > 3.0	93%	92%	93%	93%	95%	92%	92%	94%	93%	93%	94%	94%



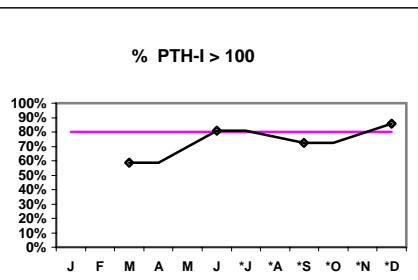
# Calcium	810	806	816	813	823	825	835	839	821	817	830	844
# Calcium < 11.0	790	781	796	800	801	802	786	783	769	788	803	818
Pop. Mean =	8.98	8.9	9.0	9.0	9.2	9.3	9.6	9.7	9.6	9.3	9.3	9.3
Std. Deviation	0.93	0.93	0.95	0.88	0.87	0.85	0.83	0.82	0.83	0.85	0.85	0.82
Network Mean =												
Natl. Mean =												
% Calcium < 11.0	98%	97%	98%	98%	97%	97%	94%	93%	94%	96%	97%	97%



# Calcium	810	806	816	813	823	825	835	839	821	817	830	844
# Calcium > 8.5	550	515	572	553	641	689	753	778	750	683	697	690
Pop. Mean =	8.98	8.9	9.0	9.0	9.2	9.3	9.6	9.7	9.6	9.3	9.3	9.3
Std. Deviation	0.93	0.93	0.95	0.88	0.87	0.85	0.83	0.82	0.83	0.85	0.85	0.82
Network Mean =												
Natl. Mean =												
% Calcium > 8.5	68%	64%	70%	68%	78%	84%	90%	93%	91%	84%	84%	82%



# PTH-I	811		468		830		530	
# PTH-I > 100	474		378		603		454	
Pop. Mean =	222		326		305		342	
Std. Deviation =	272		299		321		281	
Network Mean =								
Natl. Mean =								
% PTH-I > 100	58%		81%		73%		86%	



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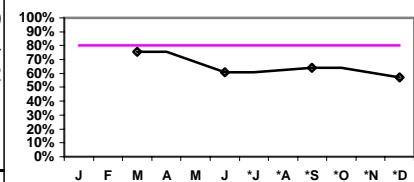
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III. OSTEODYSTROPHY - CONT.

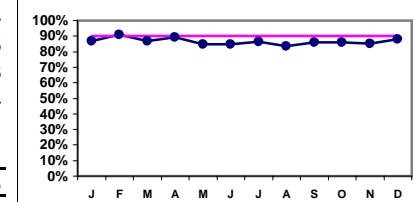
	J	F	M	A	M	J	*J	*A	*S	*O	*N	*D
# PTH-I	811				468				830			530
# PTH-I < 300	613				285				530			304
Pop. Mean =	222				326				305			342
Std. Deviation =	272				299				321			281
Network Mean =												
Natl. Mean =												
% PTH-I < 300		76%				61%			64%			57%

% PTH-I < 300



# Ca x PO4	810	806	816	813	823	824	835	839	821	817	830	844
# Ca x PO4 <= 65	702	733	710	726	698	697	723	701	707	702	707	745
Pop. Mean =	47.7	45.0	47.0	46.5	49.2	48.4	48.5	49.7	49.0	48.0	49.1	46.8
Std. Deviation =	14.7	14.3	15.4	15.0	14.8	16.0	14.9	14.6	15.0	14.7	14.9	14.4
Network Mean =												
Natl. Mean =												
% Ca x PO4 <= 65	87%	91%	87%	89%	85%	85%	87%	84%	86%	86%	85%	88%

% Ca x PO4 <= 65



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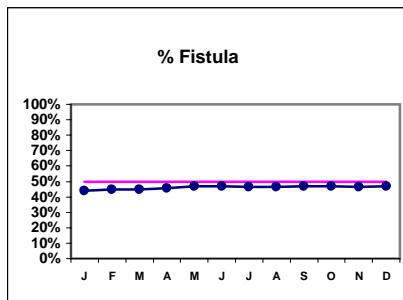
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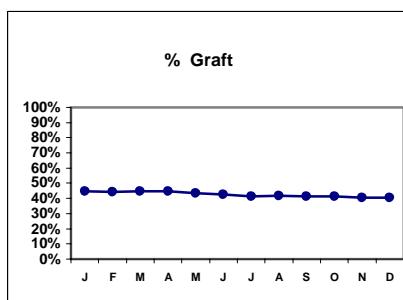
IV. ACCESS

	J	F	M	A	M	J	J	A	S	O	N	D
# Access	813	812	822	818	826	832	839	840	832	824	838	848
# Fistula	358	363	367	373	386	391	389	391	390	387	390	397
Network %												
Natl. % - 2000	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%
% Fistula	44%	45%	45%	46%	47%	47%	46%	47%	47%	47%	47%	47%



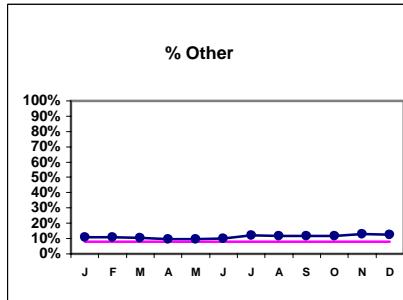
Access

# Access	813	812	822	818	826	832	839	840	832	824	838	848
# Graft	365	360	368	365	359	356	347	350	344	342	339	343
Network %												
Natl. %												
% Graft	45%	44%	45%	45%	43%	43%	41%	42%	41%	42%	40%	40%



Access

# Access	813	812	822	818	826	832	839	840	832	824	838	848
# Other	90	89	87	80	81	85	103	99	98	95	109	108
Network %												
Natl. %												
% Other	11%	11%	11%	10%	10%	10%	12%	12%	12%	12%	13%	13%



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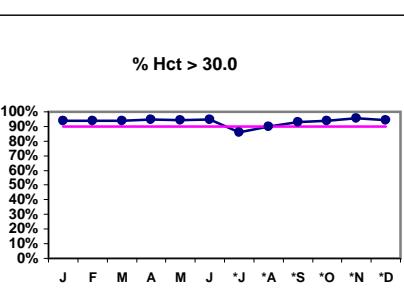
Through period ending Dec. 31, 2001

***Hct. values use Coulter method - as of July 2001**

V. ANEMIA

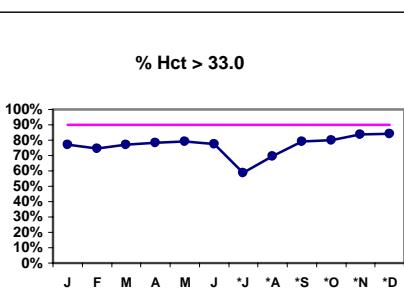
	J	F	M	A	M	J	*J	*A	*S	*O	*N	*D
# Hct	772	772	796	785	794	795	834	837	821	812	830	843
# Hct > 30.0	725	725	746	745	750	753	718	754	765	762	793	794
Pop. Mean =	35.6	35.5	35.7	35.8	35.8	35.8	33.9	34.5	35.6	35.9	36.3	36.3
Std. Deviation =	3.74	3.73	4.05	3.72	3.72	3.78	3.85	3.78	3.87	3.84	3.9	4.08
Network 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	94%	94%	94%	95%	94%	95%	86%	90%	93%	94%	96%	94%
*% 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	772	772	796	785	794	795	834	837	821	812	830	843
# Hct > 33.0	595	576	614	616	627	617	491	584	651	648	696	709
Pop. Mean =	35.6	35.5	35.7	35.8	35.8	35.8	33.9	34.5	35.6	35.9	36.3	36.3
Std. Deviation =	3.74	3.73	4.05	3.72	3.72	3.78	3.85	3.78	3.87	3.84	3.9	4.08
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	77%	75%	77%	78%	79%	78%	59%	70%	79%	80%	84%	84%
*% Network > 33.0	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%
*% Natl. > 33.0	73%	73%	73%	73%	73%	73%	73%	73%	73%	73%	73%	73%

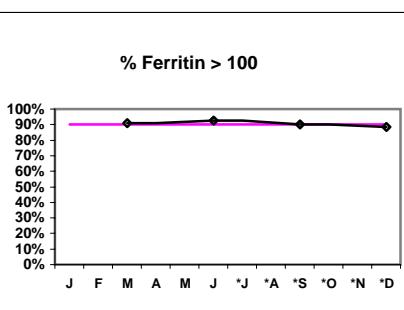
*Figures for 2000



Iron Profile

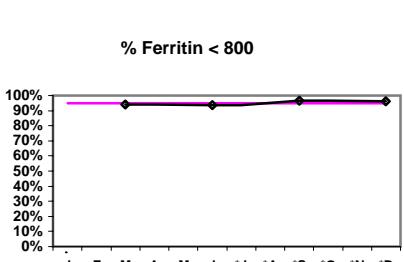
# Ferritin	773	815	827	844
# Ferritin > 100	702	754	744	748
Pop. Mean =	366	409	348	334
Std. Deviation =	256	356	385	248
*Network Mean =	428	428	428	428
Natl. Mean =				
% Ferritin > 100	91%	93%	90%	89%
*% Network > 100	86%	86%	86%	86%

*Figures for 2000



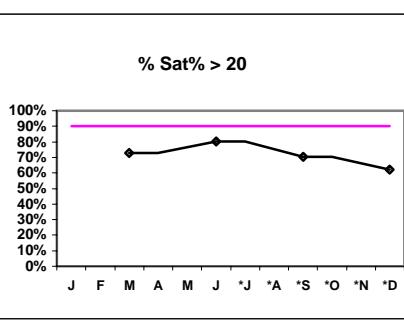
# Ferritin	773	815	827	844
# Ferritin < 800	726	762	798	811
Pop. Mean =	366	409	348	334
Std. Deviation =	256	356	385	248
*Network Mean =	428	428	428	428
Natl. Mean =				
% Ferritin < 800	94%	93%	96%	96%

*Figures for 2000



# % Sat	772	817	829	845
# % Sat > 20	563	656	584	524
Pop. Mean =	27.1	29.9	26.3	24.6
Std. Deviation =	11.4	12.6	10.1	9.76
*Network Mean =	27	27	27	27
Natl. Mean =				
% Sat% > 20	73%	80%	70%	62%
*% 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.

Northwest Kidney Centers - Consolidated Center Hemodialysis

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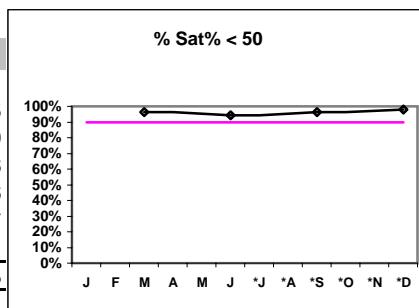
Quality Assurance Reports (Excludes patients in first 6 months of treatment)

Through period ending Dec. 31, 2001

V. ANEMIA - CONT.

	J	F	M	A	M	J	*J	*A	*S	*O	*N	*D
# % Sat		772			817		829			845		
# % Sat < 50		744			769		800			829		
Pop. Mean =		27.1			29.9		26.3			24.6		
Std. Deviation =		11.4			12.6		10.1			9.76		
*Network Mean =		27			27		27			27		
Natl. Mean =												
% Sat% < 50		96%			94%		97%			98%		

*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 Hemodialysis

I.J - I.S. Dept.

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

Through period ending Dec. 31, 2001

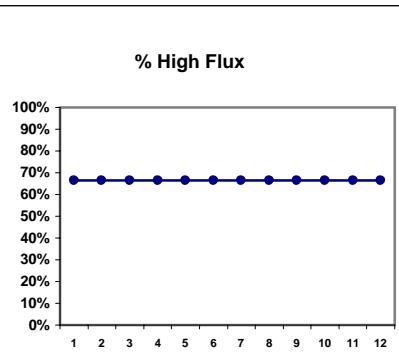
DO NOT USE THIS PAGE!!!

VI. OTHERS

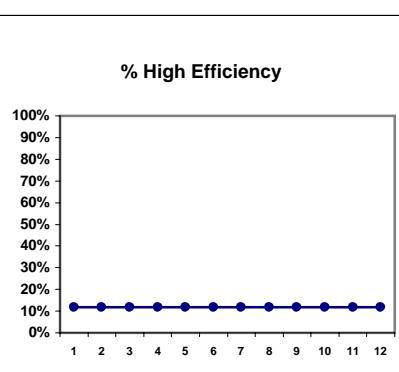
D	D	D	D	D	D	D	D	D	D	D	D
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Dialyzer ratios

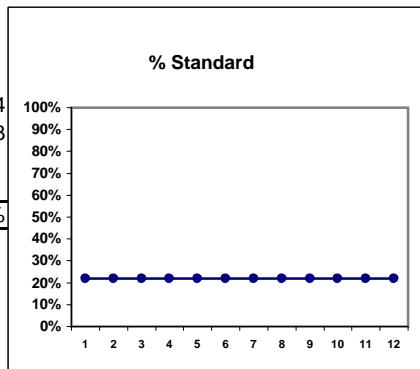
# Dialyzers	744	744	744	744	744	744	744	744	744	744	744	744
# High Flux	494	494	494	494	494	494	494	494	494	494	494	494
Network %												
Natl. %												
% High Flux	66%	66%	66%	66%	66%	66%	66%	66%	66%	66%	66%	66%



# Dialyzers	744	744	744	744	744	744	744	744	744	744	744	744
# High Efficiency	87	87	87	87	87	87	87	87	87	87	87	87
Network %												
Natl. %												
% High Efficiency	12%	12%	12%	12%	12%	12%	12%	12%	12%	12%	12%	12%



# Dialyzers	744	744	744	744	744	744	744	744	744	744	744	744
# Standard	163	163	163	163	163	163	163	163	163	163	163	163
Network %												
Natl. %												
% Standard	22%	22%	22%	22%	22%	22%	22%	22%	22%	22%	22%	22%



*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.