

Supplementary Table 1. Paired comparisons, pre- and post-switching, in the two groups. The laboratory values refer to the 3-day interdialytic interval and are expressed as mean \pm standard deviation or as median (min. – max.). *P*-value denotes in group comparison (Wilcoxon signed rank test)

	SFOH group, n= 9			Control group, n= 6		
	Baseline	6 weeks	<i>P</i>	Baseline	6 weeks	<i>P</i>
HCO₃⁻ (mmol/L)	21.88 \pm 1.43	22.29 \pm 2.54	0.400	20.18 \pm 2.8	19.87 \pm 2.72	0.917
pH	7.38 \pm 0.03	7.38 \pm 0.03	0.441	7.36 \pm 0.033	7.35 \pm 0.019	0.917
pCO₂ (mmHg)	38.01 \pm 3.07	38.24 \pm 3.99	0.722	35.99 \pm 3.78	36.32 \pm 4.4	0.833
pO₂ (mmHg)	93.7 \pm 12.11	93.5 \pm 10.08	0.260	82.6 \pm 15.47	81.2 \pm 14.35	0.600
BE (mmol/L)	-2.9 (-3.9 to -1.10)	-2.2 (-5.70 to -0.3)	0.407	-4.45 (-6.6 to -2.5)	-5.35 (-7.4 to -2.1)	0.752
K⁺ (mmol/L)	4.62 \pm 0.48	4.51 \pm 0.53	0.678	4.79 \pm 0.44	4.73 \pm 0.31	0.753
Phosphate (mg/dL)	4.7 \pm 1.05	4.18 \pm 1.37	0.406	3.92 \pm 1.44	5.11 \pm 1.62	0.116

SFOH: Sucroferric Oxyhydroxide, HCO₃⁻: blood bicarbonate, BE: Base Excess,
K⁺: blood potassium

Supplementary Table 2. Paired comparisons, pre- and post-switching, in the two groups. The laboratory values refer to the 2-day interdialytic interval and are expressed as mean \pm standard deviation or as median (min. – max.). *P*-value denotes in group comparison (Wilcoxon signed rank test)

	SFOH group, n= 9			Control group, n= 6		
	Baseline	6 weeks	<i>P</i>	Baseline	6 weeks	<i>P</i>
HCO₃⁻ (mmol/L)	22.93 \pm 2.07	22.95 \pm 2.23	0.635	21.92 \pm 3.54	22.38 \pm 2.26	0.600
pH	7.39 \pm 0.03	7.39 \pm 0.03	0.812	7.39 \pm 0.035	7.38 \pm 0.028	0.753
pCO₂ (mmHg)	38.81 \pm 4.03	38.5 \pm 3.69	0.326	37.25 \pm 5.42	39.32 \pm 5.93	0.225
pO₂ (mmHg)	92.5 \pm 15.54	101 \pm 16.3	0.407	83 \pm 14.47	78.5 \pm 16.11	0.345
BE (mmol/L)	-2.2 (-3.7 to -0.7)	-2.4 (-3.1 to 0.10)	0.767	-2.55 (-5.1 to 0.3)	-2 (-4.4 to - 0.4)	0.753
K⁺ (mmol/L)	4.32 \pm 0.45	4.25 \pm 0.83	0.678	4.25 \pm 0.41	4.47 \pm 0.3	0.249
Phosphate (mg/dL)	4.6 \pm 0.86	4.25 \pm 1.28	0.191	4.4 \pm 0.75	4.63 \pm 1.39	0.893

SFOH: Sucroferric Oxyhydroxide, HCO₃⁻: blood bicarbonate, BE: Base Excess,
K⁺: blood potassium