

SUPPLEMENTARY MATERIAL

Table S1. Levels of total antioxidant capacity, creatinine, and malondialdehyde in urine

		0-12 h	12-24 h	24-36 h	36-48 h	48-60 h	60-72 h	>72 h
FRAP (mM Fe(II)E)	N	53	96	40	101	60	29	14
	Mean	25.08	30.16	37.35	35.89	30.56	30.99	21.76
	SD	14.62	17.15	21.30	18.97	18.67	25.47	19.57
	Median	20.8	24.75	38.17	35.28	29.38	25.72	13.57
	IQR	14.48-32.69	15.77-41.22	16.64-52.23	21.27-46.55	13.42-45.15	12.01-39.82	5.96-37.4
Creatinine (mg/dl)	N	40	87	34	91	50	26	12
	Mean	70.49	79.82	95.24	113.05	98.66	84.85	55.04
	SD	52.09	43.57	38.06	55.72	61.23	56.91	53.38
	Median	56.90	72.40	98.00	111.3	95.45	68.50	47.80
	IQR	32.9-90.03	49.5-112.2	61.95-126.53	67.8-148.4	42.28-139.5	39.35-134.45	14.0-62.9
MDA (μM)	N	45	91	39	94	55	27	14
	Mean	1.88	1.82	1.84	1.84	2.04	2.06	1.5
	SD	1.52	1.17	1.09	1.16	1.16	1.28	0.93
	Median	1.12	1.57	2	1.43	2.04	1.51	1.42
	IQR	0.78-2.9	0.94-2.7	0.84-2.74	0.97-2.66	1.08-2.79	0.96-2.78	0.6-2.3

FRAP, Ferric reducing ability of plasma; GSH, MDA, malondialdehyde; SD, standard deviation

Table S2. Correlation between oxidative stress parameters in plasma and urine samples from the study population.

			Urine (<10 h after delivery)		Urine (44 to 52 h after delivery)	
TAC	Blood		TAC	MDA	TAC	MDA
	UV	r	-0.234	-0.001	0.052	0.162
		p-value	0.306	0.997	0.644	0.169
		N	21	16	82	74
	UA	r	-0.547	-0.403	0.107	-0.007
		p-value	0.013 ^a	0.136	0.334	0.954
		N	20	15	83	75
	48h	r	-0.185	0.058	-0.037	0.163
		p-value	0.463	0.850	0.730	0.136
		N	18	13	92	85
GSH	UV	r	0.020	-0.058	0.072	0.064
		p-value	0.938	0.844	0.593	0.661
		N	18	14	57	50
	UA	r	0.192	-0.077	-0.012	0.092

		p-value	0.446	0.794	0.934	0.544
		N	18	14	53	46
	48h	r	-0.066	-0.157	0.109	-0.062
		p-value	0.831	0.645	0.392	0.634
		N	13	11	64	61
GSH/GSSG	UV	r	0.180	0.700	-0.006	-0.029
		p-value	0.461	0.004 ^a	0.959	0.829
		N	19	15	66	59
	UA	r	0.039	0.373	-0.103	0.041
		p-value	0.877	0.188	0.427	0.769
		N	18	14	62	55
	48h	r	-0.008	0.145	-0.193	-0.032
		p-value	0.975	0.592	0.093	0.790
		N	20	16	77	71
MDA	UV	r	-0.443	0.343	-0.146	-0.168
		p-value	0.066	0.211	0.276	0.238
		N	18	15	58	51
	UA	r	-0.155	0.140	-0.144	0.007
		p-value	0.567	0.648	0.289	0.964
		N	16	13	56	50
	48h	r	-0.585	-0.874	0.069	-0.336
		p-value	0.222	0.126	0.703	0.064
		N	6	4	33	31
Carbonyl groups	UV	r	-0.395	-0.259	0.119	0.015
		p-value	0.105	0.351	0.332	0.909
		N	18	15	68	63
	UA	r	-0.408	-0.180	-0.024	0.219
		p-value	0.104	0.539	0.842	0.080
		N	17	14	73	65
	48h	r	-0.151	-0.402	-0.141	0.110
		p-value	0.657	0.324	0.243	0.388
		N	11	8	70	64

Legend (Table 4). FRAP, Ferric reducing ability of plasma; GSH, total glutathione; GSH/GSSG, relation of reduced/oxidized glutathione; MDA, malondialdehyde; N, number of observations; r, Pearson coefficient; UA, umbilical artery; UV, umbilical vein.

^a p-value (two-tail) <0.05 is considered statistically significant.