

Multimedia Appendix 7: Detailed hydration metric completion results

Participant	1	2	3	4	5	6	7 ^d	8	9	10
Phase 1^a										
BW^e N	14	11	14	14	12	-	-	-	-	-
BW done	12	8	14	7	12					
BW%	85.7	72.7	100	50	100	-	-	-	-	-
BP^f N	14	11	14	14	12	-	-	-	-	-
BP done	14	10	14	14	12					
BP %	100	90.9	100	100	100	-	-	-	-	-
UF^g N	56	44	14	56	24	-	-	-	-	-
UF done	54	21	14	52	24					
UF%	96.4	47.7	100	92.9	100	-	-	-	-	-
All HM^h N	84	66	42	84	48	-	-	-	-	-
All HM done	80	39	42	73	48					
All HM %	95.2	59.1	100	86.9	100	-	-	-	-	-
Phase 2^b										
BW N	-	-	-	-	-	14	13	14	7	10
BW done						13	12	14	0	9
BW%	-	-	-	-	-	92.9	92.3	100	0	90
BP N	-	-	-	-	-	14	13	14	7	10
BP done						14	11	14	0	10
BP %	-	-	-	-	-	100	84.6	100	0	100
UF N	-	-	-	-	-	14	13	14	28	10
UF done						11	12	9	24	8
UF%	-	-	-	-	-	85.7	90	76	69.6	76.5
All HM N	-	-	-	-	-	42	39	42	30	80
All HM done						38	35	37	24	27
All HM %	-	-	-	-	-	90.5	89.7	88.1	57.1	90
Phase 3^c										
BW N	7	14	14	14	14	14	ND	14	14	14
BW done	0	0	3	12	10	14	ND	14	1	11
BW%	0	0	21.4	85.7	71.4	100	ND	100	7.1	78.6
BP N	7	14	14	14	14	14	ND	14	14	14
BP done	7	10	11	11	12	14	ND	14	0	11
BP %	100	71.4	78.6	78.6	85.7	100	ND	100	0	78.6
UF N	28	56	14	56	28	14	ND	14	56	14
UF done	12	32	12	56	18	14	ND	11	14	
UF%	42.9	57.1	85.7	100	64.3	100	ND	78.6	25	78.6
All HM N	42	84	42	84	56	42	ND	42	84	42
All HM done	19	42	26	79	40	42	ND	39	15	33
All HM %	45.2	50	61.9	94.0	71.4	100	ND	92.9	17.9	68
Difference	-50	-9.1	-38.1	7.1	-28.6	9.5	ND	4.8	-39.2	-11.4

^a Phase 1: participants 1-5

^b Phase 2: participants 6-10

^c Phase 3: participants 1-10

^d Participant 7 expired before completion of study

^e BW: body weight

^f BP: blood pressure

^g UF: ultrafiltration – volume of fluid removed in 24 hours

^h HM: Total # of hydration metrics (BW, BP, UF) required for observation period

^o % of required hydration metrics (BW, BP UF) for observation period completed