Multimedia Appendix 7: Detailed hydration metric completion results

| Participant | 1 | 2 | 3 | 4 | 5 | 6 | 7<sup>a</sup> | 8 | 9 | 10 |
|-------------|---|---|---|---|---|---|--------|---|---|----|
| **Phase 1<sup>a</sup>** |   |   |   |   |   |   |        |   |   |    |
| BW N        | 14| 11| 14| 12| - | - | -      | 7 | 10|    |
| BW done     | 12| 8 | 14| 14| - | - | -      | 7 | 12|    |
| BW%         | 85.7| 72.7| 100| 50| 100| - | -      | - | -|    |
| BP N        | 14| 11| 14| 12| - | - | -      | 7 | 12|    |
| BP done     | 14| 10| 14| 14| - | - | -      | 7 | 12|    |
| BP %        | 100| 90.9| 100| 100| 100| - | -      | - | -|    |
| UF N        | 56| 44| 14| 14| 24| - | -      | 7 | 12|    |
| UF done     | 54| 21| 14| 14| 24| - | -      | 7 | 12|    |
| UF%         | 96.4| 47.7| 100| 92.9| 100| - | -      | - | -|    |
| All HM<sup>b</sup> N | 84| 66| 42| 84| 48| - | -      | 7 | 12|    |
| All HM done | 80| 39| 42| 73| 48| - | -      | 7 | 12|    |
| All HM %    | 95.2| 59.1| 100| 86.9| 100| - | -      | 7 | 12|    |

| **Phase 2<sup>b</sup>** |   |   |   |   |   |   |        |   |   |    |
| BW N        | - | - | - | - | - | 14| 13     | 7 | 10|    |
| BW done     | - | - | - | - | - | 13| 12     | 7 | 10|    |
| BW%         | - | - | - | - | - | 14| 13     | 7 | 10|    |
| BP N        | - | - | - | - | - | 14| 13     | 7 | 10|    |
| BP done     | - | - | - | - | - | 14| 13     | 7 | 10|    |
| BP %        | - | - | - | - | - | 14| 13     | 7 | 10|    |
| UF N        | - | - | - | - | - | 14| 13     | 7 | 10|    |
| UF done     | - | - | - | - | - | 14| 13     | 7 | 10|    |
| UF%         | - | - | - | - | - | 14| 13     | 7 | 10|    |
| All HM<sup>b</sup> N | - | - | - | - | - | 14| 13     | 7 | 10|    |
| All HM done | - | - | - | - | - | 14| 13     | 7 | 10|    |
| All HM %    | - | - | - | - | - | 14| 13     | 7 | 10|    |

| **Phase 3<sup>c</sup>** |   |   |   |   |   |   |        |   |   |    |
| BW N        | 7 | 14| 14| 14| 14| ND| 14     | 7 | 10|    |
| BW done     | 0 | 0 | 3 | 12| 10| ND| 14     | 7 | 10|    |
| BW%         | 0 | 0 | 21.4| 85.7| 71.4| 100| ND     | 7 | 10|    |
| BP N        | 7 | 14| 14| 14| 14| ND| 14     | 7 | 10|    |
| BP done     | 7 | 10| 11| 11| 12| ND| 14     | 7 | 10|    |
| BP %        | 100| 71.4| 78.6| 78.6| 85.7| 100| ND     | 7 | 10|    |
| UF N        | 28| 56| 14| 14| 28| ND| 14     | 7 | 10|    |
| UF done     | 12| 32| 12| 56| 18| ND| 14     | 7 | 10|    |
| UF%         | 42.9| 57.1| 85.7| 100| 64.3| 100| ND     | 7 | 10|    |
| All HM N    | 42| 84| 42| 84| 56| 42| ND     | 7 | 10|    |
| All HM done | 19| 42| 26| 79| 40| 42| ND     | 7 | 10|    |
| All HM %    | 45.2| 50| 61.9| 94.0| 71.4| 100| ND     | 7 | 10|    |

| **Difference** | -50| -9.1| -38.1| 7.1| -28.6| 9.5| ND     | 4.8| -39.2| -11.4|

<sup>a</sup>Phase 1: participants 1-5
<sup>b</sup>Phase 2: participants 6-10
<sup>c</sup>Phase 3: participants 1-10
<sup>d</sup>Participant 7 expired before completion of study
<sup>e</sup>BW: body weight
<sup>f</sup>BP: blood pressure
<sup>g</sup>UF: ultrafiltration – volume of fluid removed in 24 hours
<sup>h</sup>HM: Total # of hydration metrics (BW, BP, UF) required for observation period
<sup>i</sup>% of required hydration metrics (BW, BP UF) for observation period completed