**Head Down Bed Rest Experiment**

ID:\_\_\_\_\_HDBR-F01\_\_\_\_\_\_ Date Baseline:\_\_\_\_10/31/2022\_\_\_\_ Sex:\_\_\_\_F\_\_\_\_

Height:\_\_\_162.5\_\_\_cm Weight:\_57.15\_\_\_\_kg Age:\_\_22\_\_\_\_years DOB:\_\_03/16/2000\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Date** | **Angle**  *[*°*]* | **Time Start** | **BraCal**  *Done* | **RB** | | **FloCal**  *Done* | **CCA/IJV** | | **VeinPress**  *Value [mbar]* | | | | **IOP**  *Value [mmHg]* |
|  |  | **Time End** | *SV [ml]* | *CO [l/min]* | *Time* | *#* | **1** | **2** | **1** | **2** |
| **Seated Baseline** | | St:12:30 |  |  | 4.7 |  | D: |  | D:4 | 13 | 10 | 22 | OD:17.2 |
| E: | S: |  | S:13 | 24 | 14 | 24 | OS:18.9 |

**EX 1** Date: \_11/04/2022\_\_

Equipment Setup: Innocor □ Finapres □ VScan □ VeinPress □ ICare □ Chamber □ Butterfly □

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| Temp (C): | 23.5 | RH: | 50 | P (inHg): | 29.45 x25.4 | P (mmHg): | 748.03 |

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| **Angle**  *[*°*]* | **Time since tilt**  *[min]]* | **Time Start** | **BraCal**  *Done* | **RB** | | **FloCal**  *Done* | **CCA/IJV/Flow** | | **VeinPress**  *Value [mbar]* | | | | **IOP**  *Value [mmHg]* |
| **Time End** | *time* | *CO*  *[l/min]* | *Time* | *#* | **1** | **2** | **1** | **2** |
| **80°** | -5 | St:14:42 |  | 14:48 | 2.8 |  | D: |  | D:12 | 20 | 14 | 25 | OD:18.6 |
| E: | S: |  | S:13 | 24 | 16 | 27 | OS:15.9 |
| **-6° HDT** | 5 | St:14:55 |  | 15:00 | 3.2 |  | D: |  | D:16 | 25 | 16 | 25 | OD:16.8 |
| E: | S: |  | S:14 | 25 | 16 | 33 | OS:20.1 |
| **80°** | 20 | St:15:16 |  | 15:17 | 2.9 |  | D: |  | D:13 | 29 | 19 | 29 | OD:18.4 |
| E: | S: |  | S:17 | 30 | 15 | 26 | OS:19.9 |
| 30 | St:15:26 |  | 15:27 | 3.4 |  | D: |  | D:14 | 22 | 16 | 26 | OD:21.2 |
| E: | S: |  | S:16 | 25 | 20 | 26 | OS:20.2 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Date** | **Angle**  *[*°*]* | **Time Start** | **BraCal**  *Done* | **RB** | | **FloCal**  *Done* | **CCA/IJV** | | **VeinPress**  *Value [mbar]* | | | | **IOP**  *Value [mmHg]* |
|  |  | **Time End** | *time* | *CO [l/min]* | *Time* | *#* | **1** | **2** | **1** | **2** |
| **Seated Baseline** | | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |

**EX 2** Date: \_\_\_\_\_\_\_\_\_\_\_

Equipment Setup: Innocor □ Finapres □ VScan □ VeinPress □ ICare □ Chamber □ Butterfly □

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Temp (C): |  | RH: |  | P (inHg): | x25.4 | P (mmHg): |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Angle**  *[*°*]* | **Time since tilt**  *[min]]* | **Time Start** | **BraCal**  *Done* | **RB** | | **FloCal**  *Done* | **CCA/IJV/Flow** | | **VeinPress**  *Value [mbar]* | | | | **IOP**  *Value [mmHg]* |
| **Time End** | *time* | *CO*  *[l/min]* | *Time* | *#* | **1** | **2** | **1** | **2** |
| **0°** | -5 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |
| **-6° HDT** | 5 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |
| 15 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |
| 25 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |
| 35 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |
| 45 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |
| 55 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |
| **0°** | 65 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |
| 75 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Date** | **Angle**  *[*°*]* | **Time Start** | **BraCal**  *Done* | **RB** | | **FloCal**  *Done* | **CCA/IJV** | | **VeinPress**  *Value [mbar]* | | | | **IOP**  *Value [mmHg]* |
|  |  | **Time End** | *time* | *CO [l/min]* | *Time* | *#* | **1** | **2** | **1** | **2** |
| **Seated Baseline** | | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |

**EX 3** Date: \_\_\_\_\_\_\_\_\_\_\_

Equipment Setup: Innocor □ Finapres □ VScan □ VeinPress □ ICare □ Chamber □ Butterfly □

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Temp (C): |  | RH: |  | P (inHg): | x25.4 | P (mmHg): |  |

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| **Angle**  *[*°*]* | **Time since tilt**  *[min]]* | **Time Start** | **BraCal**  *Done* | **RB** | | **FloCal**  *Done* | **CCA/IJV/Flow** | | **VeinPress**  *Value [mbar]* | | | | **IOP**  *Value [mmHg]* |
| **Time End** | *time* | *CO*  *[l/min]* | *Time* | *#* | **1** | **2** | **1** | **2** |
| **80°** | -5 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |
| **-6° HDT** | 5 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |
| 15 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |
| 25 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |
| 35 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |
| 45 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |
| 55 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |
| **80°** | 65 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |
| 75 | St: |  |  |  |  | D: |  | D: |  |  |  | OD: |
| E: | S: |  | S: |  |  |  | OS: |