Validating prediction equations for mid-arm circumference measurements in adults: National Health and Nutrition Examination Survey, 2001-2012

**SUPPLEMENTAL**

# Table 1. Blood Pressure Cuff Size Assigned by regression equation, by Correct Actual Cuff (Bauman) for Men

|  |  |  |
| --- | --- | --- |
|  | **Cuff Size by Bauman Cuff** |  |
|  | **Small Adult**(N=157) | **Adul**t (N=7697) | **Large Adult** (N=6464) | **Extra-Large Adult** (N=112) |
| **Cuff size assigned by regression equation**  |  |  |  |  |
| N(%) assigned **Small Adult** | 6 (2.06%) | 0 (0%) | 0 (0%) | 0 (0%) |
| N(%) assigned **Adult**  | 151 (97.94%) | 6568 (83.04%) | 778 (10.79%) | 0 (0%) |
| N(%) assigned **Large Adult**  | 0 (0%) | 1129 (16.96%) | 5577 (87.59%) | 23 (21.09%) |
| N (%) assigned **Thigh**  | 0 (0%) | 0 (0%) | 109 (1.62%) | 89 (78.91%) |
| Total | 100% | 100% | 100% | 100% |

# Table 2. Blood Pressure Cuff Size Assigned by regression equation, by Correct Actual Cuff (Bauman) for Women

|  |  |  |
| --- | --- | --- |
|  | **Cuff Size by Bauman Cuff** |  |
|  | **Small Adult**(N=834) | **Adul**t (N=9405) | **Large Adult** (N=4855) | **Extra-Large Adult** (N=221) |
| **Cuff size assigned by regression equation**  |  |  |  |  |
| N(%) assigned **Small Adult** | 183 (22.28%) | 17 (0.17%) | 0 (0%) | 0 (0%) |
| N(%) assigned **Adult**  | 651 (77.72%) | 8278 (89.45%) | 516 (10.20%) | 1 (1.26%) |
| N(%) assigned **Large Adult**  | 0 (0%) | 1110 (10.38%) | 4164 (86.39%) | 64 (26.84%) |
| N (%) assigned **Thigh**  | 0 (0%) | 0 (0%) | 175 (3.41%) | 156 (71.90%) |
| Total | 100% | 100% | 100% | 100% |