

## Appendix I: Ideal/Predicted Body Weight Table

### Predicted Body Weight and Tidal Volume (V<sub>T</sub>)

| Male PBW and Tidal Volume |        |                       |  |        |        |        |        |
|---------------------------|--------|-----------------------|--|--------|--------|--------|--------|
| Height                    |        | Predicted Body Weight | ml per kg of PBW (total V <sub>T</sub> ) |        |        |        |        |
| Ft'In"                    | Inches |                       | 4.0 ml                                   | 5.0 ml | 6.0 ml | 7.0 ml | 8.0 ml |
| 4'0"                      | 48     | 22.4                  | 90                                       | 112    | 134    | 157    | 179    |
| 4'1"                      | 49     | 24.7                  | 99                                       | 124    | 148    | 173    | 198    |
| 4'2"                      | 50     | 27                    | 108                                      | 135    | 162    | 189    | 216    |
| 4'3"                      | 51     | 29.3                  | 117                                      | 147    | 176    | 205    | 234    |
| 4'4"                      | 52     | 31.6                  | 126                                      | 158    | 190    | 221    | 253    |
| 4'5"                      | 53     | 33.9                  | 136                                      | 170    | 203    | 237    | 271    |
| 4'6"                      | 54     | 36.2                  | 145                                      | 181    | 217    | 253    | 290    |
| 4'7"                      | 55     | 38.5                  | 154                                      | 193    | 231    | 270    | 308    |
| 4'8"                      | 56     | 40.8                  | 163                                      | 204    | 245    | 286    | 326    |
| 4'9"                      | 57     | 43.1                  | 172                                      | 216    | 259    | 302    | 345    |
| 4'10"                     | 58     | 45.4                  | 182                                      | 227    | 272    | 318    | 363    |
| 4'11"                     | 59     | 47.7                  | 191                                      | 239    | 286    | 334    | 382    |
| 5'0"                      | 60     | 50                    | 200                                      | 250    | 300    | 350    | 400    |
| 5'1"                      | 61     | 52.3                  | 209                                      | 262    | 314    | 366    | 418    |
| 5'2"                      | 62     | 54.6                  | 218                                      | 273    | 328    | 382    | 437    |
| 5'3"                      | 63     | 56.9                  | 228                                      | 285    | 341    | 398    | 455    |
| 5'4"                      | 64     | 59.2                  | 237                                      | 296    | 355    | 414    | 474    |
| 5'5"                      | 65     | 61.5                  | 246                                      | 308    | 369    | 431    | 492    |
| 5'6"                      | 66     | 63.8                  | 255                                      | 319    | 383    | 447    | 510    |
| 5'7"                      | 67     | 66.1                  | 264                                      | 331    | 397    | 463    | 529    |
| 5'8"                      | 68     | 68.4                  | 274                                      | 342    | 410    | 479    | 547    |
| 5'9"                      | 69     | 70.7                  | 283                                      | 354    | 424    | 495    | 566    |
| 5'10"                     | 70     | 73                    | 292                                      | 365    | 438    | 511    | 584    |
| 5'11"                     | 71     | 75.3                  | 301                                      | 377    | 452    | 527    | 602    |
| 6'0"                      | 72     | 77.6                  | 310                                      | 388    | 466    | 543    | 621    |
| 6'1"                      | 73     | 79.9                  | 320                                      | 400    | 479    | 559    | 639    |
| 6'2"                      | 74     | 82.2                  | 329                                      | 411    | 493    | 575    | 658    |
| 6'3"                      | 75     | 84.5                  | 338                                      | 423    | 507    | 592    | 676    |
| 6'4"                      | 76     | 86.8                  | 347                                      | 434    | 521    | 608    | 694    |
| 6'5"                      | 77     | 89.1                  | 356                                      | 446    | 535    | 624    | 713    |
| 6'6"                      | 78     | 91.4                  | 366                                      | 457    | 548    | 640    | 731    |
| 6'7"                      | 79     | 93.7                  | 375                                      | 469    | 562    | 656    | 750    |
| 6'8"                      | 80     | 96                    | 384                                      | 480    | 576    | 672    | 768    |
| 6'9"                      | 81     | 98.3                  | 393                                      | 492    | 590    | 688    | 786    |
| 6'10"                     | 82     | 100.6                 | 402                                      | 503    | 604    | 704    | 805    |
| 6'11"                     | 83     | 102.9                 | 412                                      | 515    | 617    | 720    | 823    |
| 7'0"                      | 84     | 105.2                 | 421                                      | 526    | 631    | 736    | 842    |

PBW Males = 50 + 2.3 [height (inches) – 60]

| Female PBW and Tidal Volume |        |                       |  |        |        |        |        |
|-----------------------------|--------|-----------------------|--|--------|--------|--------|--------|
| Height                      |        | Predicted Body Weight | ml per kg of PBW (total V <sub>T</sub> ) |        |        |        |        |
| Ft'In"                      | Inches |                       | 4.0 ml                                   | 5.0 ml | 6.0 ml | 7.0 ml | 8.0 ml |
| 4'0"                        | 48     | 17.9                  | 72                                       | 90     | 107    | 125    | 143    |
| 4'1"                        | 49     | 20.2                  | 81                                       | 101    | 121    | 141    | 162    |
| 4'2"                        | 50     | 22.5                  | 90                                       | 113    | 135    | 158    | 180    |
| 4'3"                        | 51     | 24.8                  | 99                                       | 124    | 149    | 174    | 198    |
| 4'4"                        | 52     | 27.1                  | 108                                      | 136    | 163    | 190    | 217    |
| 4'5"                        | 53     | 29.4                  | 118                                      | 147    | 176    | 206    | 235    |
| 4'6"                        | 54     | 31.7                  | 127                                      | 159    | 190    | 222    | 254    |
| 4'7"                        | 55     | 34                    | 136                                      | 170    | 204    | 238    | 272    |
| 4'8"                        | 56     | 36.3                  | 145                                      | 182    | 218    | 254    | 290    |
| 4'9"                        | 57     | 38.6                  | 154                                      | 193    | 232    | 270    | 309    |
| 4'10"                       | 58     | 40.9                  | 164                                      | 205    | 245    | 286    | 327    |
| 4'11"                       | 59     | 43.2                  | 173                                      | 216    | 259    | 302    | 346    |
| 5'0"                        | 60     | 45.5                  | 182                                      | 228    | 273    | 319    | 364    |
| 5'1"                        | 61     | 47.8                  | 191                                      | 239    | 287    | 335    | 382    |
| 5'2"                        | 62     | 50.1                  | 200                                      | 251    | 301    | 351    | 401    |
| 5'3"                        | 63     | 52.4                  | 210                                      | 262    | 314    | 367    | 419    |
| 5'4"                        | 64     | 54.7                  | 219                                      | 274    | 328    | 383    | 438    |
| 5'5"                        | 65     | 57                    | 228                                      | 285    | 342    | 399    | 456    |
| 5'6"                        | 66     | 59.3                  | 237                                      | 297    | 356    | 415    | 474    |
| 5'7"                        | 67     | 61.6                  | 246                                      | 308    | 370    | 431    | 493    |
| 5'8"                        | 68     | 63.9                  | 256                                      | 320    | 383    | 447    | 511    |
| 5'9"                        | 69     | 66.2                  | 265                                      | 331    | 397    | 463    | 530    |
| 5'10"                       | 70     | 68.5                  | 274                                      | 343    | 411    | 480    | 548    |
| 5'11"                       | 71     | 70.8                  | 283                                      | 354    | 425    | 496    | 566    |
| 6'0"                        | 72     | 73.1                  | 292                                      | 366    | 439    | 512    | 585    |
| 6'1"                        | 73     | 75.4                  | 302                                      | 377    | 452    | 528    | 603    |
| 6'2"                        | 74     | 77.7                  | 311                                      | 389    | 466    | 544    | 622    |
| 6'3"                        | 75     | 80                    | 320                                      | 400    | 480    | 560    | 640    |
| 6'4"                        | 76     | 82.3                  | 329                                      | 412    | 494    | 576    | 658    |
| 6'5"                        | 77     | 84.6                  | 338                                      | 423    | 508    | 592    | 677    |
| 6'6"                        | 78     | 86.9                  | 348                                      | 435    | 521    | 608    | 695    |
| 6'7"                        | 79     | 89.2                  | 357                                      | 446    | 535    | 624    | 714    |
| 6'8"                        | 80     | 91.5                  | 366                                      | 458    | 549    | 641    | 732    |
| 6'9"                        | 81     | 93.8                  | 375                                      | 469    | 563    | 657    | 750    |
| 6'10"                       | 82     | 96.1                  | 384                                      | 481    | 577    | 673    | 769    |
| 6'11"                       | 83     | 98.4                  | 394                                      | 492    | 590    | 689    | 787    |
| 7'0"                        | 84     | 100.7                 | 403                                      | 504    | 604    | 705    | 806    |

PBW Females = 45.5 + 2.3 [height (inches) – 60]

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