

# ANH Blood Harvest Chart

|       | Hct | 44       | 42       | 40       | 38       | 36       | 34       | 32       | 30       | 28      | 26       | 24       |
|-------|-----|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|----------|
| kg wt | 50  | 501.1364 | 358.3333 | 201.25   | 27.63158 | -165.278 | -380.882 | -623.438 | -898.333 | -1212.5 | -1575    | -1997.92 |
|       | 55  | 665      | 513.3333 | 346.5    | 162.1053 | -42.7778 | -271.765 | -529.375 | -821.333 | -1155   | -1540    | -1989.17 |
|       | 60  | 820.9091 | 660      | 483      | 287.3684 | 70       | -172.941 | -446.25  | -756     | -1110   | -1518.46 | -1995    |
|       | 65  | 1057.955 | 875      | 673.75   | 451.3158 | 204.1667 | -72.0588 | -382.813 | -735     | -1137.5 | -1601.92 | -2143.75 |
|       | 70  | 1135.909 | 956.6667 | 759.5    | 541.5789 | 299.4444 | 28.82353 | -275.625 | -620.667 | -1015   | -1470    | -2000.83 |
|       | 75  | 1300.568 | 1112.5   | 905.625  | 676.9737 | 422.9167 | 138.9706 | -180.469 | -542.5   | -956.25 | -1433.65 | -1990.63 |
|       | 80  | 1450.909 | 1253.333 | 1036     | 795.7895 | 528.8889 | 230.5882 | -105     | -485.333 | -920    | -1421.54 | -2006.67 |
|       | 85  | 1703.864 | 1485     | 1244.25  | 978.1579 | 682.5    | 352.0588 | -19.6875 | -441     | -922.5  | -1478.08 | -2126.25 |
|       | 90  | 1775.455 | 1560     | 1323     | 1061.053 | 770      | 444.7059 | 78.75    | -336     | -810    | -1356.92 | -1995    |
|       | 95  | 1934.545 | 1710     | 1463     | 1190     | 886.6667 | 547.6471 | 166.25   | -266     | -760    | -1330    | -1995    |
|       | 100 | 2100     | 1866.667 | 1610     | 1326.316 | 1011.111 | 658.8235 | 262.5    | -186.667 | -700    | -1292.31 | -1983.33 |
|       | 105 | 2255.114 | 2012.5   | 1745.625 | 1450.658 | 1122.917 | 756.6176 | 344.5313 | -122.5   | -656.25 | -1272.12 | -1990.63 |
|       | 110 | 2415     | 2163.333 | 1886.5   | 1580.526 | 1240.556 | 860.5882 | 433.125  | -51.3333 | -605    | -1243.85 | -1989.17 |
|       | 115 | 2561.364 | 2300     | 2012.5   | 1694.737 | 1341.667 | 947.0588 | 503.125  | 0        | -575    | -1238.46 | -2012.5  |
|       | 120 | 2730     | 2460     | 2163     | 1834.737 | 1470     | 1062.353 | 603.75   | 84       | -510    | -1195.38 | -1995    |

This chart is calculated to reach an "On CPB" Hct=24 estimating 2000ml crystalloid volume given (anesthesia and perfusion)

Volumes administered >2000ml will shift the recommended ANH volume to the right

|                 |               |               |              |              |                   |
|-----------------|---------------|---------------|--------------|--------------|-------------------|
| > 2 large units | 2 large units | 2 small units | 1 large unit | 1 small unit | No ANH recommende |
|-----------------|---------------|---------------|--------------|--------------|-------------------|