|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplemental Table 2**. Absolute change in INR (PostINR – PreINR) by transfusion location excluding patients receiving RBCs in 24 hours prior to transfusion\* | | | | | | | | | | | | | | |
|  | Overall | |  | ICU | |  | OR | |  | Floor | |  | ED | |
| Overall | 4168 | -0.5 (-1.0, -0.2) |  | 1588 | -0.5 (-1.3, -0.2) |  | 1461 | -0.4 (-0.6, -0.2) |  | 817 | -0.6 (-1.3, -0.2) |  | 295 | -0.9 (-2.0, -0.3) |
| PreINR |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.2-1.5 | 692 | -0.1 (-0.3, 0.0) |  | 267 | -0.1 (-0.2, -0.1) |  | 346 | -0.2 (-0.3, 0.0) |  | 58 | -0.1 (-0.1, 0.0) |  | 21 | -0.1 (-0.2, 0.0) |
| 1.6-1.9 | 1253 | -0.4 (-0.5, -0.2) |  | 289 | -0.2 (-0.4, -0.1) |  | 735 | -0.4 (-0.5, -0.3) |  | 176 | -0.2 (-0.4, -0.1) |  | 51 | -0.2 (-0.4, 0.0) |
| 2.0-2.9 | 1249 | -0.6 (-0.9, -0.3) |  | 518 | -0.5 (-0.8, -0.3) |  | 303 | -0.7 (-0.9, -0.5) |  | 322 | -0.6 (-0.9, -0.4) |  | 103 | -0.8 (-1.0, -0.4) |
| 3.0-4.9 | 668 | -1.5 (-2.1, -1.0) |  | 345 | -1.4 (-2.0, -1.0) |  | 74 | -1.5 (-2.0, -0.8) |  | 175 | -1.6 (-2.1, -1.1) |  | 72 | -1.8 (-2.4, -1.4) |
| 5.0+ | 306 | -4.0 (-5.5, -2.9) |  | 169 | -3.9 (-5.5, -2.8) |  | 3 | -3.5 (-4.9, -3.3) |  | 86 | -4.2 (-5.6, -3.2) |  | 48 | -4.2 (-5.2, -3.3) |
| FFP Units |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | 952 | -0.4 (-0.8, -0.1) |  | 457 | -0.3 (-0.7, -0.1) |  | 159 | -0.3 (-0.5, -0.1) |  | 272 | -0.4 (-1.0, -0.1) |  | 63 | -1.0 (-1.6, -0.3) |
| 2 | 2228 | -0.5 (-0.9, -0.2) |  | 860 | -0.5 (-1.3, -0.2) |  | 782 | -0.4 (-0.6, -0.3) |  | 421 | -0.6 (-1.5, -0.3) |  | 161 | -0.8 (-2.0, -0.3) |
| 3+ | 988 | -0.6 (-1.2, -0.3) |  | 271 | -1.1 (-2.2, -0.3) |  | 520 | -0.5 (-0.7, -0.2) |  | 124 | -1.0 (-2.0, -0.4) |  | 71 | -1.2 (-2.2, -0.3) |
| FFP volume (mL/kg) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0-4.9 | 1219 | -0.4 (-0.8, -0.2) |  | 569 | -0.4 (-1.0, -0.1) |  | 329 | -0.4 (-0.5, -0.2) |  | 255 | -0.4 (-0.9, -0.1) |  | 65 | -0.9 (-1.6, -0.4) |
| 5.0-9.9 | 1845 | -0.5 (-0.9, -0.3) |  | 693 | -0.6 (-1.3, -0.2) |  | 787 | -0.4 (-0.6, -0.3) |  | 261 | -0.6 (-1.3, -0.3) |  | 102 | -0.8 (-1.9, -0.3) |
| 10.0-14.9 | 404 | -0.6 (-1.3, -0.2) |  | 106 | -1.0 (-2.5, -0.3) |  | 220 | -0.5 (-0.7, -0.2) |  | 51 | -1.1 (-2.4, -0.4) |  | 27 | -1.5 (-3.5, -0.4) |
| 15+ | 158 | -0.4 (-1.0, -0.1) |  | 45 | -0.6 (-1.7, -0.1) |  | 90 | -0.4 (-0.7, -0.1) |  | 16 | -0.3 (-1.2, 0.0) |  | 7 | -0.3 (-4.8, 0.0) |
| Time to PostINR (h) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0-4 | 1430 | -0.4 (-0.7, -0.2) |  | 461 | -0.5 (-1.1, -0.2) |  | 645 | -0.3 (-0.5, -0.2) |  | 215 | -0.5 (-1.0, -0.2) |  | 108 | -0.8 (-1.8, -0.3) |
| 4-8 | 636 | -0.6 (-1.3, -0.3) |  | 284 | -0.6 (-1.4, -0.2) |  | 105 | -0.4 (-0.7, -0.2) |  | 191 | -0.7 (-1.7, -0.3) |  | 56 | -1.0 (-1.8, -0.4) |
| 8-12 | 547 | -0.5 (-0.8, -0.3) |  | 209 | -0.4 (-1.0, -0.2) |  | 224 | -0.5 (-0.7, -0.3) |  | 83 | -0.6 (-1.5, -0.2) |  | 30 | -1.0 (-2.0, -0.5) |
| 12-18 | 879 | -0.5 (-0.9, -0.3) |  | 325 | -0.5 (-1.2, -0.2) |  | 366 | -0.5 (-0.7, -0.3) |  | 132 | -0.8 (-1.7, -0.2) |  | 52 | -1.0 (-2.6, -0.4) |
| 18-24 | 676 | -0.5 (-1.3, -0.2) |  | 309 | -0.6 (-1.4, -0.2) |  | 121 | -0.5 (-0.8, -0.2) |  | 196 | -0.5 (-1.3, -0.2) |  | 49 | -1.2 (-3.0, -0.5) |
| Additional factor supplementation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Plasma only | 2899 | -0.4 (-0.7, -0.2) |  | 914 | -0.3 (-0.8, -0.1) |  | 1335 | -0.4 (-0.6, -0.2) |  | 402 | -0.5 (-0.9, -0.1) |  | 243 | -0.8 (-1.8, -0.3) |
| Plasma + K | 1180 | -0.8 (-1.8, -0.3) |  | 632 | -0.9 (-2.0, -0.4) |  | 95 | -0.4 (-0.8, -0.1) |  | 408 | -0.8 (-1.8, -0.4) |  | 44 | -1.4 (-3.1, -0.6) |
| Plasma + PCC | 37 | -0.7 (-1.1, -0.4) |  | 12 | -0.9 (-1.4, -0.5) |  | 18 | -0.5 (-0.9, -0.2) |  | 2 | -0.6 (-0.7, -0.5) |  | 5 | -1.4 (-2.0, -1.4) |
| Plasma + K + PCC | 52 | -0.8 (-2.1, -0.3) |  | 30 | -1.0 (-3.0, -0.5) |  | 13 | -0.2 (-0.4, -0.1) |  | 5 | -1.0 (-2.1, -0.8) |  | 3 | -0.9 (-2.0, 0.0) |
| \*Data are summarized as n, median (IQR). | | | | | | | | | | | | | | |

PreINR – pre-transfusion INR; PostINR– post-transfusion INR; RBCs – red blood cells; K - Vitamin K; PCC - prothrombin complex or other factor concentrates