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FINDING THE OPTIMAL REGIMEN FOR ORAL TRANEXAMIC ACID ADMINISTRATION IN PRIMARY TOTAL HIP ARTHROPLASTY: A RANDOMIZED CONTROLLED TRIAL

http://dx.doi.org/10.2106/JBJS.18.00128

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## **Appendix**

The total blood loss was calculated applying the Gross formula<sup>21</sup>:

Total blood loss =  $PBV \times (Hct_{pre} - Hct_{post})/Hct_{ave}$ 

PBV = predicted blood volume

Hct<sub>pre</sub> = the initial preoperative hematocrit level

 $Hct_{post}$  = the lowest postoperative hematocrit level during hospitalization or the lowest postoperative hematocrit prior to blood transfusion

Hctave = the average of the Hctpre and Hctpost

The PBV was assessed according to the formula of Nadler et al.<sup>22</sup>:

PBV (mL) =  $k_1 \times$  height (m) +  $k_2 \times$  weight (kg) +  $k_3$ ;  $k_1 = 0.3669$ ,  $k_2 = 0.03219$ , and  $k_3 = 0.6041$  for men;  $k_1 = 0.3561$ ,  $k_2 = 0.03308$ , and  $k_3 = 0.1833$  for women. If a reinfusion or an allogeneic transfusion is performed, the volume transfused should be added when calculating total blood loss.