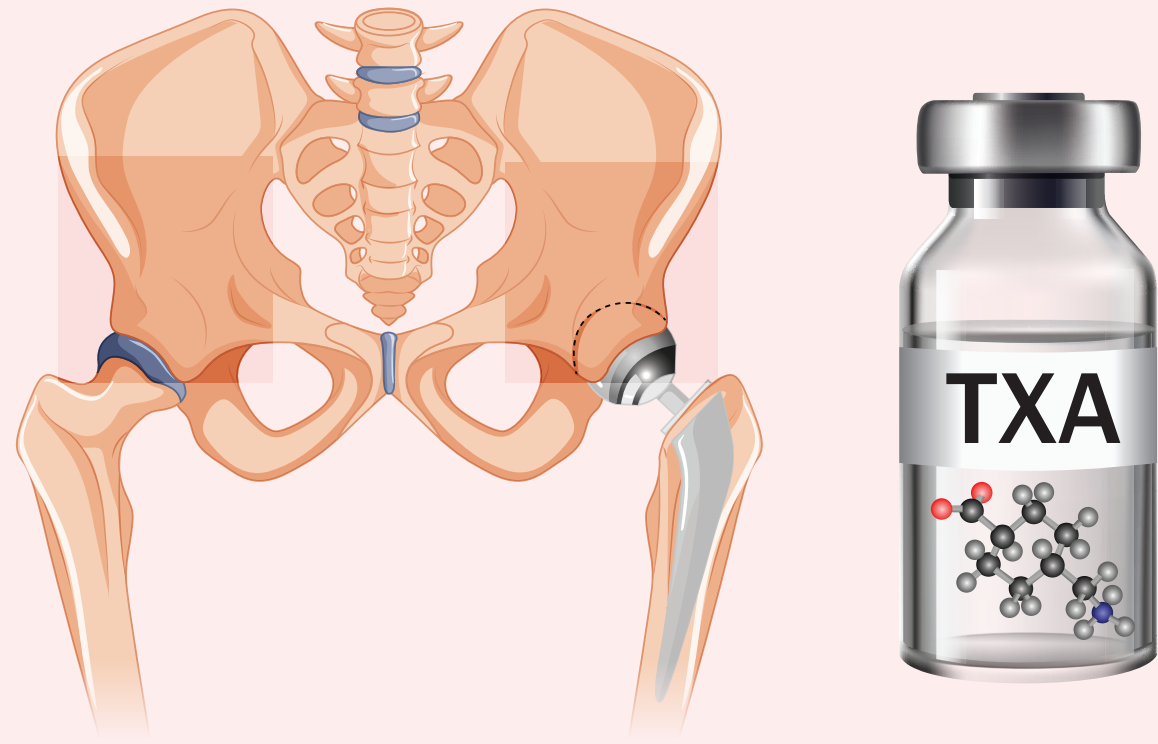
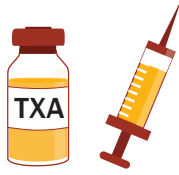



# Optimal Dosing Regimen for Tranexamic Acid in Revision Total Hip Arthroplasty

Tranexamic acid (TXA) is a drug that reduces perioperative blood loss during revision total hip arthroplasty

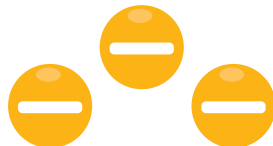




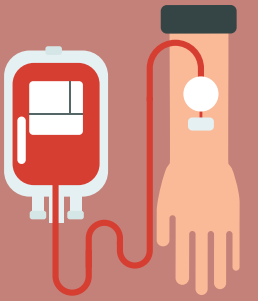



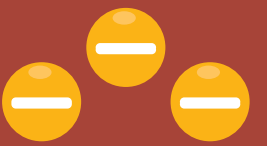
175 patients undergoing revision surgery randomized to

 Single-dose intravenous (IV) TXA group

 Double-dose IV TXA group

 Combined IV TXA and topical TXA group

 Multidose oral TXA group

	 Postoperative hemoglobin decrease (g/dL)	 Calculated blood loss (mL)	 Transfusion rate (%)
 Single-dose IV TXA	3.4	1600	14
 Double-dose IV TXA	3.6	1500	18
 IV TXA + Topical TXA	3.5	1600	17
 Multidose oral TXA	3.4	1400	17

No significant differences were observed in outcome measures among different groups

Although single-dose IV TXA administration would be the most cost-effective protocol and can be easily followed, surgeons should utilize the regimen best suited to their practice or hospital setting

The Optimal Dosing Regimen for Tranexamic Acid in Revision Total Hip Arthroplasty: A Multicenter Randomized Clinical Trial

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