

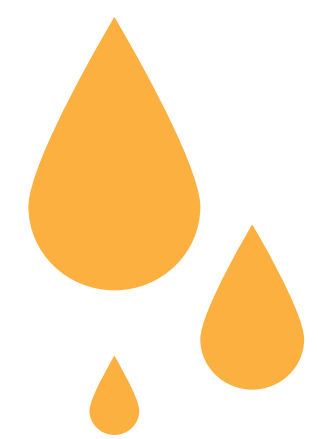
Reducing blood loss in hip & knee replacement surgery



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Hip & knee replacement surgeries are increasingly common in our aging population.



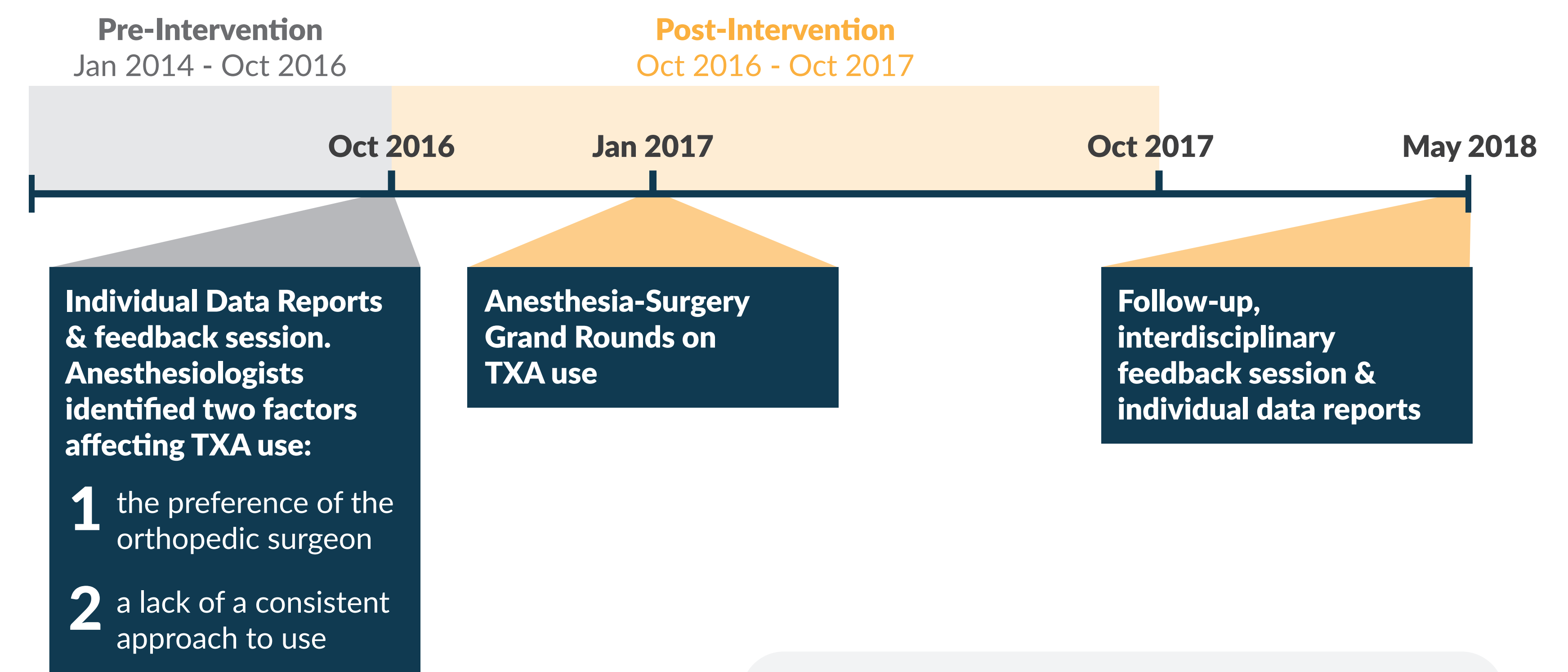
There is a risk of substantial blood loss with these surgeries.

Clinical Evidence shows that IV Tranexamic Acid (TXA) reduces the risk of a blood transfusion in these surgeries.

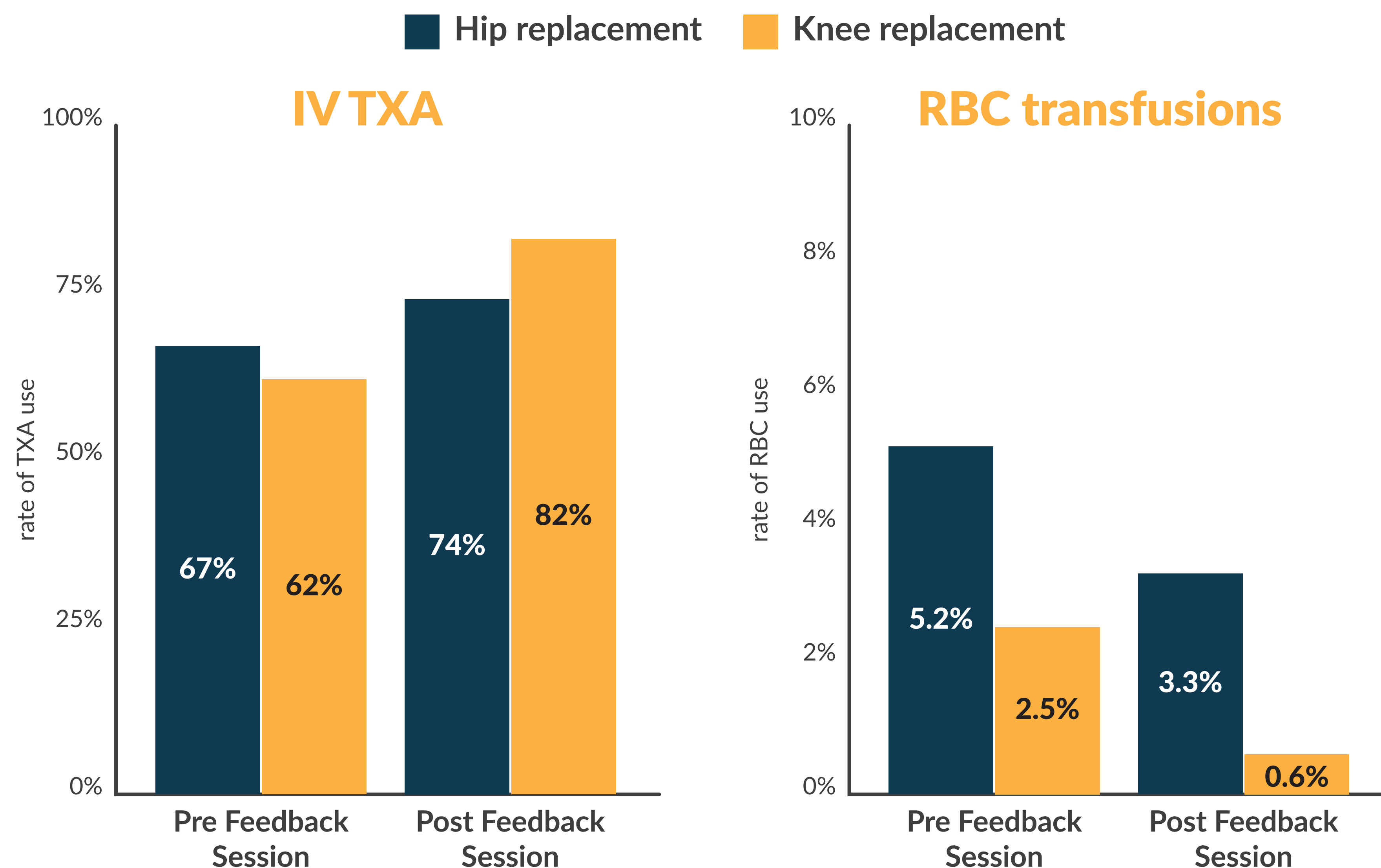
South Health Campus Hospital Anesthesiologists believed TXA was being used inconsistently. We set out to..

- A** provide anesthesiologists with data reports on their use of TXA and blood transfusions
- B** host a facilitated feedback session
- C** evaluate changes in TXA use and blood transfusions

How we did it:



Our data showed an increase in TXA use and a decrease in blood transfusions in hip and knee replacements



We also found that:

Patients who did not receive TXA were **2.3x** more likely to receive a blood transfusion

Our research found that...



individual data reports & group feedback sessions are an effective way to improve practice



the process can be used as a model for similar projects aiming to improve health care outcomes