# Audit of Anaesthetic Protocol: Adherence to a Day-Case Arthroplasty Pathway



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## Introduction:

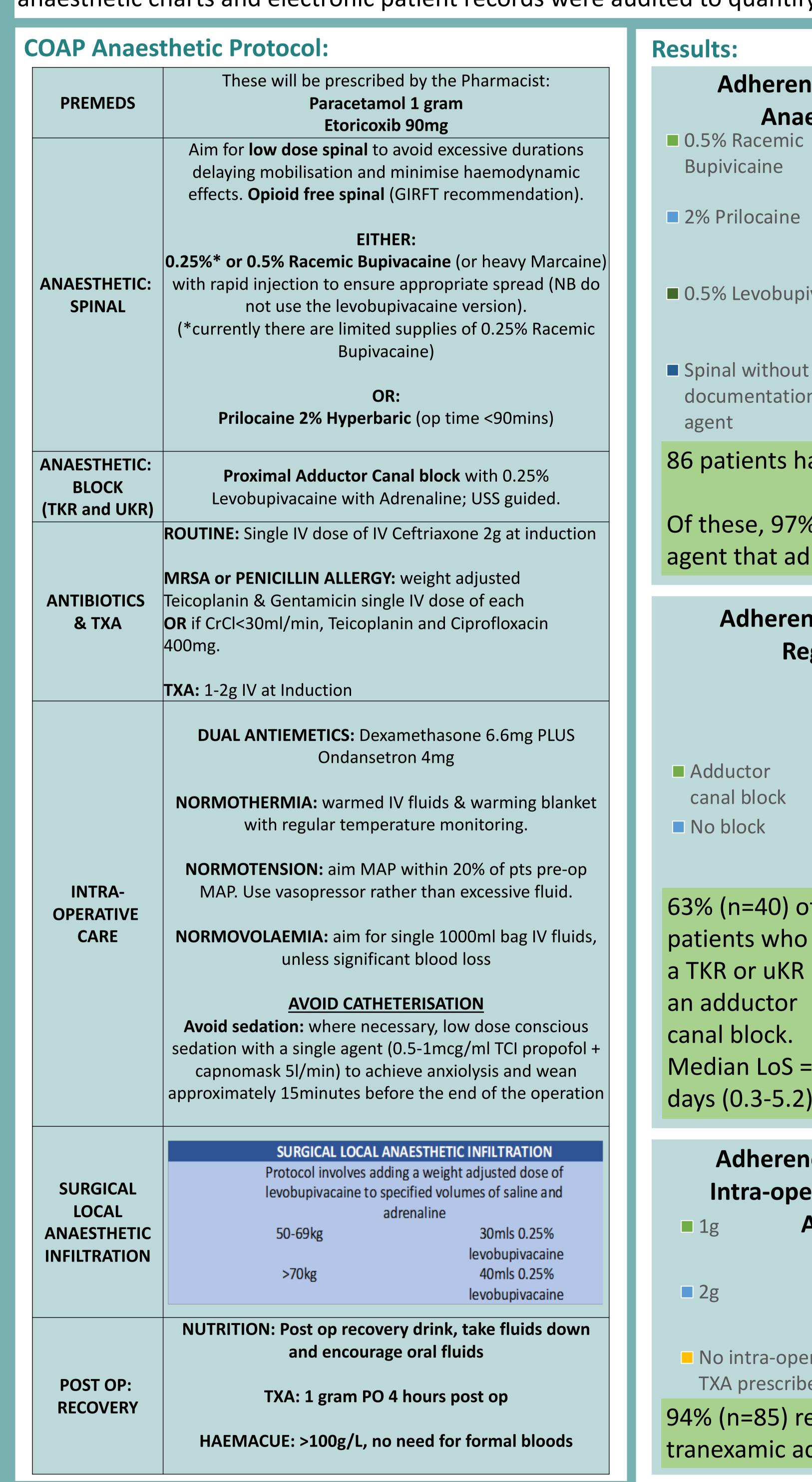
The Cheltenham Orthopaedic Ambulatory Pathway (COAP) is a protocolised peri-operative care pathway. It was designed to deliver day-case arthroplasty to reduce length of stay (LoS) to within Getting It Right First Time (GIRFT) targets, and in response to GIRFT principles that reducing non-evidence-based variation in practice can enhance patient outcomes.

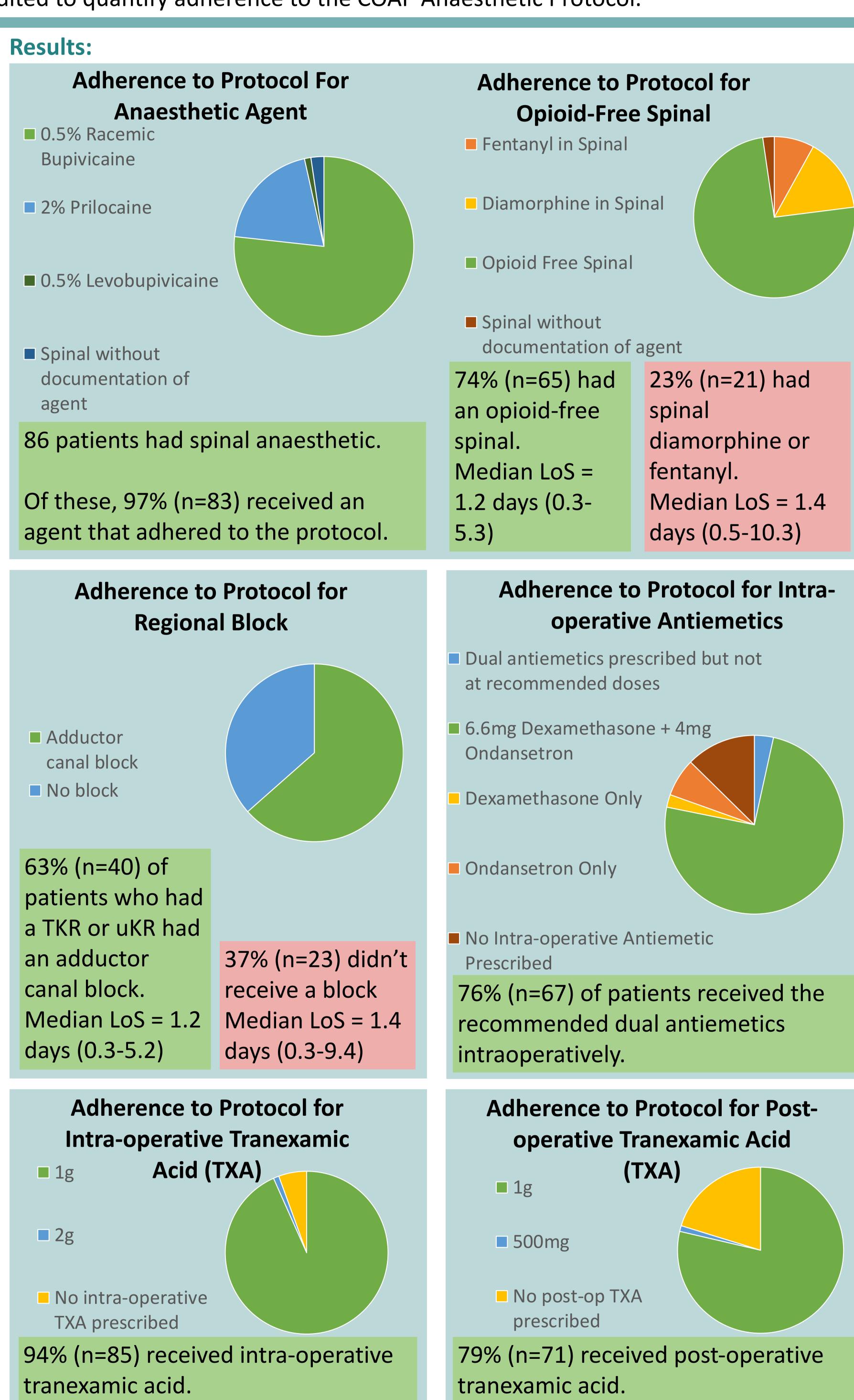
## Aims:

To assess adherence to the COAP Anaesthetic Protocol.

#### Methods:

98 patients who underwent an elective total hip replacement (THR), total knee replacement (TKR), or unicompartmental knee replacement (uKR) and were identified as suitable for the COAP were selected. 90 patients' notes were available, including 63 TKR or uKR, and 27 THR. The anaesthetic charts and electronic patient records were audited to quantify adherence to the COAP Anaesthetic Protocol.





## **Conclusions:**

Adherence to the protocol for spinal anaesthetic agent was 97%, however there was poorer compliance for regional block in knee replacements at 63%.

## **Next Steps:**

To improve concordance, the Anaesthetic Protocol was presented at the monthly MDT meeting and the importance of non-opioid spinal anaesthetic and regional blocks was emphasised. In addition, an Anaesthetic Consultant engaged in the project as a champion. We aim to reaudit in 2 months following this intervention.