

Intra-articular Lidocaine versus Bupivacaine for Shoulder Reduction

Ahmad H Bakhribah, MD, AEMUS*, Ahmed Allabban, MD, FAAEM**, Imad M Khojah, MD, FAAEM***

ABSTRACT

In the emergency department, the shoulder joint is the most common large-joint dislocated. The shoulder reduction can perform under Procedural sedation and analgesia or local intra-articular anesthetic injection. Intra-articular anesthesia is affordable, prevents potential side effects from intravenous sedatives, controls the pain and has a quick recovery time. This review article compares bupivacaine versus lidocaine in their safety, muscle relaxant effect, and effectiveness of anesthesia and analgesia during and after shoulder reduction.

Keywords: Lidocaine, Bupivacaine, Intra-Articular injection, Shoulder reduction, Local anesthesia

Bahrain Med Bull 2023; 45 (2): 1498 - 1500

* King Abdulaziz University Faculty of Medicine
Saudi Arabia.

E-mail: ahbakhribah@kau.edu.sa

** King Abdulaziz University Faculty of Medicine
Saudi Arabia.

*** King Abdulaziz University Faculty of Medicine
Saudi Arabia.