

11<sup>th</sup> Annual Conference on ORTHOPEDICS AND REHABILITATION

March 14-15, 2024 | Webinar

**Surgical management of recurrent instability following failed Latarjet procedure - A systematic review of salvage procedures****Alexander Baur BS***Liberty University College of Osteopathic Medicine, USA*

**Background:** Failed Latarjet procedures pose a surgical challenge due to complex anatomical issues. This systematic review investigates salvage techniques for recurrent instability following a Latarjet procedure.

**Methods:** A search was conducted on MEDLINE and PubMed Central following the methodology registered to International Prospective Register of Systematic Reviews. Inclusion criteria focused on identifying revision procedures following a Latarjet procedure. Exclusion criteria filtered out irrelevant studies, such as those focusing on Bankart procedures. After a multi-stage selection process, 10 eligible studies were included for data extraction.

**Results:** The most frequently utilized technique for salvage was the Eden-Hybinette procedure. Complications associated with these salvage procedures include graft-related problems and donor site morbidity. Patients reported significant improvements in multiple patient reported outcome scores, and multiple studies indicated high rates of return to sports activities. However, it is noteworthy that there remains an average recurrence rate of 7%.

**Discussion:** The review emphasizes the limited therapeutic options available largely due to shoulder anatomy alterations. Despite promising trends in patient-reported outcomes, recurrence remains possible post-salvage surgeries. Further research in this unique population would be beneficial and help the overall management of shoulder instability.

**Conclusion:** Addressing recurrent instability after a Latarjet procedure continues to be a unique surgical challenge. However, this systematic review highlights encouraging indications, with positive trends evident in patient-reported outcomes.

**Biography**

Alexander Baur, He is an upcoming fourth-year medical student, He committed to merging my enthusiasm for orthopedics with a well-rounded approach to life. Juggling academic pursuits, personal life, and diverse interests, his find fulfillment in perpetual learning, whether it be in the field of medicine, culinary arts, or sports. My research focus centers on the shoulder, hand, and hip. Looking ahead, he aspire to pursue a fellowship in either sports medicine or hand surgery. Notably, he have invested substantial time delving into the management of shoulder instability and investigating the correlation between iliopsoas tendon pathology and hip pain.