Impact of Smoking and Drinking on Complications After Revision Total Joint Arthroplasty: A Matched Cohort Analysis

What are the potential impacts of smoking and drinking on complications after revision TJA?

4,302 patients who had revision TJA were evaluated in a matched cohort study

Comparison among users for 90-day post-discharge complications

Smokers and drinkers had comparable rates

Concurrent users showed highest odds

Odds ratio: 1.64 ($p = 0.02$)

In comparison to nonusers, users are at a greater risk for:

- In-hospital complications
- Longer duration of stay
- Major post-discharge complications
- Re-revision for prosthetic joint infection

Early adjustment of lifestyle behaviors involving smoking and drinking can minimize complications and enhance outcomes for revision TJA

Copyright © 2021 by the American Academy of Orthopaedic Surgeons