Insider's Guide: Getting Medical Research Accepted for Publication



1. STATE A CLEAR HYPOTHESIS

What results are expected BEFORE you start?

2. METHODS ADDRESS STUDY PURPOSE

• Fatal flaws:

ш

- Incorrect outcome measure
- Comparing "apples to oranges"
- Not reproducible
- Get expert advice BEFORE you start!

3. STATISTICAL POWER ANALYSIS DETERMINES ADEQUATE SAMPLE SIZE

 Absent adequate power, conclusion of "no difference" may be wrong

 Get expert advice BEFORE you start!

4. CONCLUSION BASED ONLY ON RESULTS

- Hypothesis is either supported...or NOT
- AVOID overreach

James H. Lubowitz, MD, Editor-in-chief: Arthroscopy, Arthroscopy Techniques, and Arthroscopy, Sportsmedicine, and Rehabilitation https://www.arthroscopyjournal.org/