

# Editorial Rigor

Editorial **rigor** refers to the consistent application of high scientific and ethical standards by journal editors and reviewers throughout the publication process. It ensures that published research is methodologically sound, statistically valid, transparent in disclosures, and clinically or scientifically relevant.

## □ Key Components:

Thorough **peer review** that challenges study design, data interpretation, and conclusions.

Strict enforcement of conflict of interest disclosures and funding transparency.

Rejection or major revision of studies with methodological flaws or promotional bias.

Demand for statistical robustness, including controls, power calculations, and appropriate comparisons.

Clarity and integrity in language, avoiding euphemisms or exaggerated claims.

## □ In critique:

A journal that maintains editorial rigor acts as a quality filter, protecting the scientific record from clinical promotion, publication inflation, and editorial complacency. Its absence opens the door to credibility erosion and industry manipulation.

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