

Retraction

Comparison of complete resection rate and endocrine function improvement between neuronavigation-assisted neuroendoscopic transnasal transsphenoidal approach and microscopic transcranial approach for giant pituitary adenoma [Retraction]

Liu SL, Huang YF, Wu XC, Zhao XD. *American Journal of Cancer Research*. 2026;16:1056-1069.

After rechecking original clinical data, we found serious statistical grouping errors that make the core research conclusions unreliable, so all authors unanimously agree to retract this

paper to avoid misleading other researchers. All authors fully approve this retraction application. We sincerely apologize to the editors, reviewers, readers, and the broader scientific community for any inconvenience or confusion this may have caused.