Outcome reporting in functional nasal airway surgery

A scoping review to inform the development of a core outcome set

Outcome reporting following functional nasal airway surgery is heterogeneous

Variation in patient-reported and objective measures, measurement protocols and follow-up timing limits cross-study comparison and evidence synthesis

Review scope

Mapping outcome measures reported following:

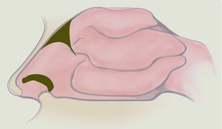
Septoplasty



Turbinate surgery



Nasal valve surgery



Functional septorhinoplasty



Key finding

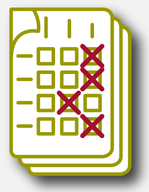
Patient-reported and objective measures capture complementary aspects of nasal function

Commonly reported measures

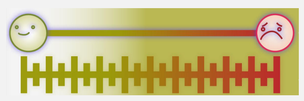
Patient-reported



NOSE



SNOT-22



VAS

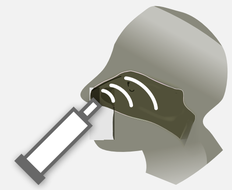
Objective



PNIF



Rhinomanometry



Acoustic rhinometry

Implication

Candidate measures to inform a future Delphi consensus process and core outcome-set development

Candidate core PROM



NOSE

Candidate core objective measure



PNIF

Other instruments may have supplementary or context-specific roles

→ A future standardised core outcome set should combine **patient-reported benefit** with appropriate **objective assessment** to improve consistency, comparability and evidence synthesis in functional nasal airway surgery research

Jama GM, Cainelli F, Pendolino AL, et al. Rhinology 2026. https://doi.org/10.4193/Rhin26.298

ISSN: 0300-0729

RHINOLOGY
Official Journal of the European and International Societies