Tilmelding af Foredrag

Foredragets titel

Instrumental evaluation of oropharyngeal dysphagia after transoral robotic surgery: A scoping review

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Uddannelsesniveau

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Introduktion

Transoral robotic surgery (TORS) has been introduced as treatment modality of diseases in the oropharynx. Studies have found that patients only experience mild dysphagia after TORS. Most studies, though, only include self-reported swallowing assessments or proxy measures, such as presence of a feeding tube. The purpose of this study is to systematically identify all studies that include instrumental evaluation of swallowing function after TORS and summarize findings.

Materiale/metode

In this scoping review (in progress) PubMed, EMBASE, and Web of Science has been systematically searched for relevant publications. The search string was appropriately adapted for each of the selected databases. Reviews were excluded. Titles and abstracts were screened independently by two reviewers. Duplicates were removed. Full text versions of the chosen studies were accessed for further assessment of eligibility for inclusion. Disagreement was resolved by consensus.

Resultater

A total of 668 studies were identified. Inclusion criteria were met in 16, of which 13 were prospective and most were cohort studies. A total of 496 patients were included (range 4-125). Modified barium swallowing, fiberoptic endoscopic evaluation of swallowing, and high resolution pharyngeal manometry, was performed in 9, 8 and 1 study, respectively, alone or in combination. Results tended to show moderate/severe short-term dysphagia after TORS, but good long-term swallowing function and in general outcomes comparable to radiotherapy.

Diskussion

Only few studies included instrumental swallowing evaluations, and the swallowing evaluation protocols varied significantly. In the future, more studies on outcomes after TORS should include globally accepted instrumental measures of swallowing function and follow recognized reporting procedures, in order to facilitate comparison between studies.

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