Excluded articles and reasons: N = 49.

* Not pediatric patients
* Not tongue-related surgery
* Did not involve DISE
* Surgically naïve patients (without Brodski 1+ tonsils)
* Electrical stimulation
* Review article
* Case study

**Figure 1:** Flow diagram of literature search based on the Preferred Reporting Items for Systematic Reviews and Meta-Analysis checklist and statement recommendations.8

Excluded articles and reasons: N = 33.

* Consensus Statements
* Surgically naïve patients
* No PSG data
* Redundant data
* Data could not be reliably extracted or derived

Articles screened for relevance

(after removal of duplicates)

N = 89

DISE-directed tongue surgery for persistent pediatric OSA

N = 7

Potentially relevant articles retrieved for detailed evaluation

N = 40