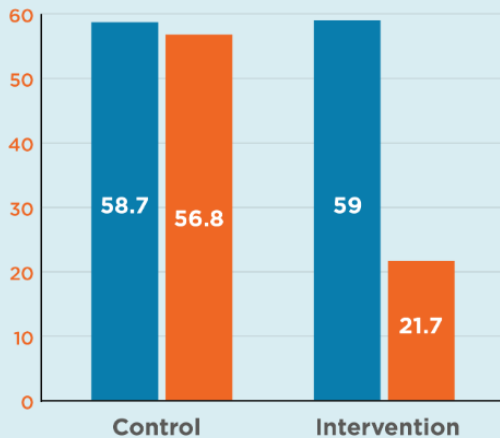


# Research Statistics on Using Breather for Voice and Speech

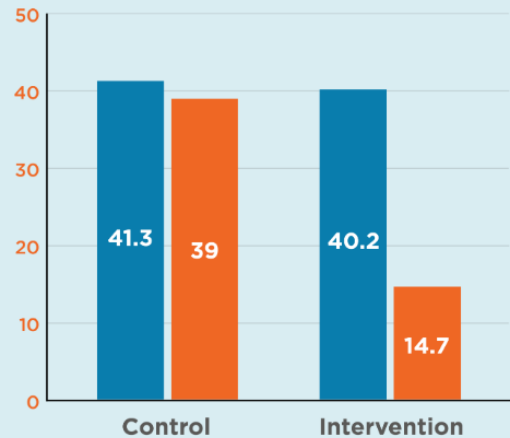
## PHONATION OUTCOMES

### Overall Severity



63% improvement in overall severity of Dysphonia in Stroke Patients

### Strain



63% improvement in overall severity of strain (LSVT scale) in Stroke Patients

Breather Studies Published In 2021

<https://pubmed.ncbi.nlm.nih.gov/33992476>

## SPEECH & PULMONARY OUTCOMES

Clinical improvements seen in COPD patients using The Breather in a home health setting following the standard protocol with weekly clinical supervision.

### Peak Expiratory Flow



Avg Increase After 4 wks of RMT: 110%

### Maximum Phonation Time (sec)



Avg Increase After 4 wks of RMT: 132%

Breather Studies Published In 2019

<https://www.pnmedical.com/category/clinical-trials/breather/>