

## [Effect of inhalation on oropharynx collapse via flow visualisation](#)

**URL:** <https://www.sciencedirect.com/science/article/abs/pii/S0021929020306242>

**Authors:** [Bafkar, Omid](#) / [Rosengarten, Gary](#) / [Patel, Milan.J.](#) / [Lester, Daniel](#) / [Calmet, Hadrien](#) / [Nguyen, Vu](#) / [Gulizia, Stefan](#) / [Cole, Ivan.S.](#)

**Research Lines:** [Respiratory system](#)

**Publication:** Journal of Biomechanics

**Place Published:** Elsevier

**Volume:** 118

**Paraules clau:** [CFD](#), [Flow visualisation](#), [Mandibular advancement splints \(MAS\)](#), [Obstructive sleep apnoea \(OSA\)](#), [Oropharynx region](#), [Particle tracking](#), [velocimetry](#)

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

---

**Source URL (retrieved on 23 des 2024 - 00:47):** <https://www.bsc.es/ca/research-and-development/publications/effect-inhalation-oropharynx-collapse-flow-visualisation>