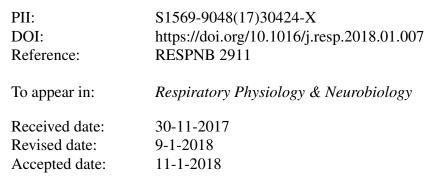
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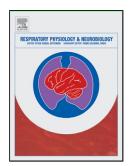
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ACCEPTED MANUSCRIPT

A Pilot Study on the Biomechanical Assessment of Obstructive Sleep Apnea Pre and Post Bariatric Surgery

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Highlights

- Obesity is a major risk factor for obstructive sleep apnea patients
- Perioperative effects of bariatric surgery on the upper airway characteristics are investigated
- Polysomnography & computer tomography for 10 patients were conducted before and after surgery
- Mean values for the AI and BMI significantly reduced after surgery
- BS may be effective for middle age and less effective for 50-60 years OSA patients

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