

Gender differences in polysomnography of OSA patients: A Case Series

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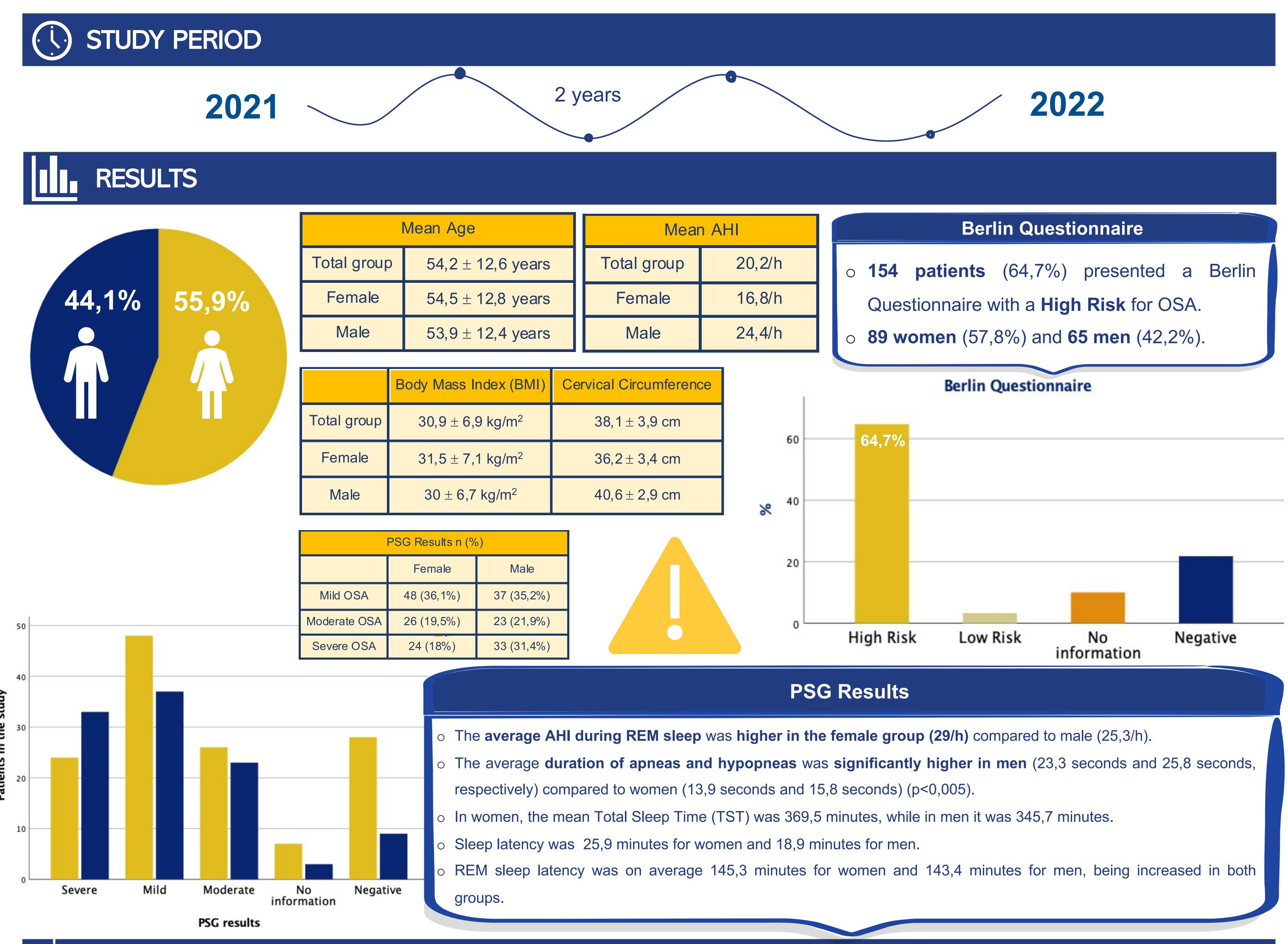
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INTRODUCTION

Obstructive Sleep Apnea (OSA) is a prevalent sleep disorder with gender-specific differences in presentation and outcomes. Investigating these nuances is crucial to a tailored diagnosis. Our study explores OSA in women, providing valuable insights into Polysomnography (PSG) results. The study compares PSG differences between men and women.

METHODS

An observational study was performed. Demographic, sleep symptoms using Berlin Questionaire and PSG data were analysed from 238 individuals followed as outpatient in our hospital, between 2021 and 2022. A statistical analysis was performed using SPSS IBM®.



- CONCLUSION

In our sample, gender disparities as BMI, cervical circumference, TST and sleep latency and apnea/hypopnea duration were similarly to that reported in the literature, with apnea/hypopnea duration being significantly higher in men. These findings contribute to understanding the distinct characteristics between men and women with OSA, emphasizing the need for tailored management strategies based on gender-specific manifestations.

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