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| Book Name: | [**Medical Science: Trends and Innovations**](https://www.bookpi.org/bookstore/product/medical-science-trends-and-innovations-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4681** |
| Title of the Manuscript: | **Obstructive sleep apnea syndrome: The case of residual sleepiness** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Health, 5(11): 1872-1874, 2013.**

**DOI:** [**http://dx.doi.org/10.4236/health.2013.511252**](http://dx.doi.org/10.4236/health.2013.511252)

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This is detailed case review accentuated neurological consequences of untreated sleep apnea. Assessment of the patient cognitive status with several tests is great. There is great percentage of adherence to CPAP in a first months of treatment. Addition of behavioral management to CPAP treatment is very valuable. The effect of interrupted sleep on grey matter is important piece of SA puzzle.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **I would suggest Cogninitive consequence of untreated sleep apnea** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Abstract should focus more on untreated SA consequences**  **This case highlights the severe impact of untreated Obstructive Sleep Apnea (OSA) on neurocognitive function and brain structure. The patient experienced excessive daytime sleepiness, memory impairment, and cognitive decline due to chronic hypoxia and sleep fragmentation. Polysomnography confirmed severe OSA.**  **Treatment with CPAP, lifestyle modifications, and nutrition therapy led to significant improvements in alertness, memory, and executive function over three months. This case underscores the urgent need for early intervention to prevent long-term neurological damage from untreated OSA.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Correct** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **References are too old, there are a lot of recent research on this topic in national health library and pubmed** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments | Author should outline other treatment options for this patient. OAT, Hypoglossal nerve stimulation and combination therapy to increase the control of apnea and for reader to have an idea about other options |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**Maria Sokolina, USA**