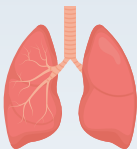


Is There an Association of OSA and Sleep-Related Hypoxemia With Increased Mortality in Non-Small Cell Lung Cancer?

STUDY DESIGN

- **Prospective multicenter study** of patients with **newly diagnosed lung cancer**
- Assessed for OSA with the use of home sleep-study screening device

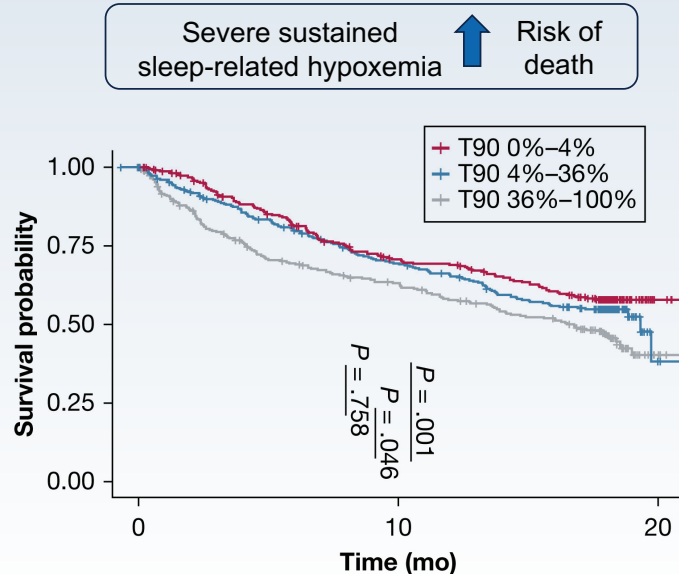


1,201 patients from 27 centers
Age 63.6 years, 71% male
11% stage I or II lung cancer
38% had OSA

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Compared with non-OSA, those with OSA had **no difference** in:

- Sleep quality
 - Quality of life
 - Eastern Cooperative Oncology Group performance status
 - Cancer stage at diagnosis
 - Survival
-

RESULTS



These study findings show that in patients with newly diagnosed non-small cell lung cancer, severe nocturnal hypoxemia during sleep is associated with lower overall survival. The impact of oxygen therapy on survival needs further study.