

# Are OSA and CPAP Treatment Independently Associated With a Poor Prognosis for Cutaneous Melanoma?

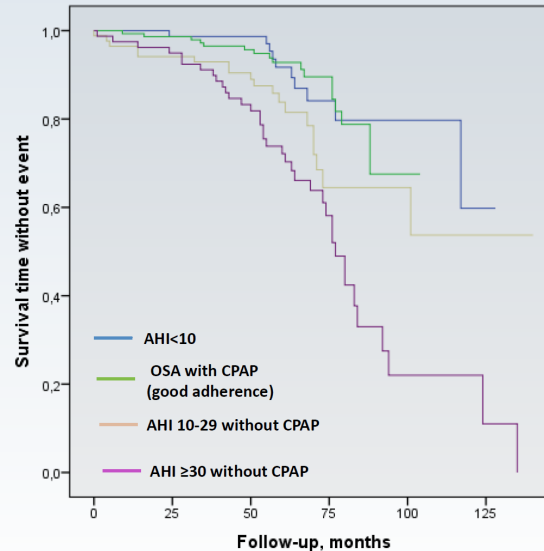
## STUDY DESIGN

**Prospective, longitudinal multicenter** study of patients with cutaneous melanoma who underwent a sleep study (within 6 months of diagnosis)

**1° endpoint** included composite outcome of first to appear from:

- Melanoma recurrence
- Presence of systemic metastasis
- All-cause death

## RESULTS



**Moderate OSA**  
(HR 2.45; 95% CI, 1.09 – 5.49)

&

**Severe OSA**  
(HR 2.96; 95% CI, 1.36 – 6.42)

associated with **poorer prognosis**



**Good adherence to CPAP avoided excess risk**

(HR 1.66; 95% CI, 0.71 – 3.90)

**Untreated moderate to severe OSA is an independent risk factor for poor prognosis of melanoma. Treatment with CPAP is associated with improved melanoma outcomes compared with untreated moderate to severe OSA.**