

# European Respiratory Society Annual Congress 2013

**Abstract Number:** 1735

**Publication Number:** P2581

**Abstract Group:** 4.2. Sleep and Control of Breathing

**Keyword 1:** Apnoea / Hypopnea **Keyword 2:** Sleep disorders **Keyword 3:** No keyword

**Title:** CPAP compliance according to gender and age

Mr. Victor 15768 Castelló vcastello@esteveteijin.com<sup>1</sup>, Dr. Nicolás 15769 Roldán nroldan@esteveteijin.com MD<sup>1</sup>, Mr. Iñaki 15770 Gras igras@esteveteijin.com<sup>2</sup>, Ms. Paulina 15771 Cerdá pcerda@esteveteijin.com<sup>1</sup>, Ms. Adriana 15772 Pascuas apascuas@esteveteijin.com<sup>1</sup>, Ms. Laura 15773 Humke lauhumke@hotmail.com<sup>1</sup>, Mr. Guillem 15775 Constansa gconstansa@esteveteijin.com<sup>2</sup> and Dr. Carlos 15781 Fina cfina@esteveteijin.com MD<sup>1</sup>. <sup>1</sup> Medical Departament, Esteve Teijin Health Care, Barcelona, Spain, 08029 and <sup>2</sup> Operations, Esteve Teijin Health Care, Barcelona, Spain, 08029 .

**Body:** The apnea hypopnea syndrome (OSAS) is a very common disease that affects 4-6% of men and 2-4% of women in Spain. The treatment chose for OSAS is continuous positive pressure airway (CPAP). Most studies agree that a minimum adequate compliance is between 3 and 4 hours per night. It is not clear that compliance varies accordingly to gender and age. We studied patients with current CPAP treatment belonging to the health region of Barcelona and, as administrative division, corresponding to the OX/08 tender of home respiratory therapy in Catalonia. Compliance was studied in 5.012 patients, accordingly to the inclusion and exclusion criteria, 3.773 were men (75.3%) and 1.239 women (24.7%). Men with more than 4 hours of treatment per night accounted for 66.8% of total and women 60.5% ( $p < 0.003$ ) (Fig. 1). In both compliance data were better in older subjects. From 55 years old in women ( $p < 0.002$ ) and from 65 years old in men ( $p < 1.455 \times 10^{-12}$ ) (Fig. 2) In conclusion, by gender, men do better than women and according to age, the older, better compliance in both sexes.