

European Respiratory Society Annual Congress 2013

Abstract Number: 1206

Publication Number: P2120

Abstract Group: 1.1. Clinical Problems

Keyword 1: Asthma - management **Keyword 2:** Health policy **Keyword 3:** Asthma - diagnosis

Title: Asthma admissions: Characteristics of patients admitted to a specialized respiratory hospital

Dr. Fabián 9220 Caro fabimat404@hotmail.com MD ¹, Dr. Santiago 9221 Auteri santiagoauteri@yahoo.com.ar MD ¹, Dr. Daniel 9222 Colodenco danielcolodenco@gmail.com MD ¹, Dr. Ricardo 9223 Del Olmo rdelolmo@fibertel.com.ar MD ¹, Ms. Glenda 9224 Ernst glenda.uba@gmail.com ¹, Dr. Martín 9226 Fernández martineduardofernandez@hotmail.com MD ¹, Dr. Guillermo 9228 Menga mengag@ciudad.com.ar MD ¹, Dr. José Luis 9236 Morero jmorero@gmail.com MD ¹, Dr. Eduardo 9237 Schiavi eduardo.schiavi@gmail.com MD ¹, Dr. Hugo 9239 Neffen hugoneffen@arnet.com.ar MD ² and Dr. Santiago 9240 Rossi santirossi@cdrossi.com MD ³. ¹ Pulmonology, Hospital De Rehabilitación Respiratoria María Ferrer, Ciudad de Buenos Aires, Ciudad de Buenos Aires, Argentina, C1272AAA ; ² Allergy and Respiratory Medicine, Hospital Dr. Orlando Alassia, Ciudad de Santa Fe, Santa Fe, Argentina, 4151 and ³ Toracic Radiology, Centro De Diagnóstico "Dr. Enrique M. Rossi", Ciudad de Buenos Aires, Buenos Aires, Argentina, C1425BEE .

Body: Introduction: Admissions for asthma are life threatening events that impair patients' quality of life. The aim of this work is to characterize the population of patients admitted to a specialized respiratory hospital. Methods: Cross sectional prospective observational study of all admissions in ≥ 18 years old subjects along 1 year (Jan/12-Jan13) in a specialized respiratory hospital employing a single especially devised clinical record. Results: 164 consecutive admissions were studied in 147 patients. 157(95.4%) in a general ward and 7(4.2%) in ICU, 6 (85.7%) requiring mechanical ventilation (no deaths) 97(66%) pts were female. Mean age was 43 ± 15.2 yrs. 12(8.2%) pts were admitted twice, 4(2.7%) 3 times and 1(0.7%) 4 times. 119(81%) had night awakenings in the last month; 112(76.2%) had an emergency room visit in the last year; 94(64%) had been admitted once in their life and 30(20.4%) in the last year. 25.8% fulfilled ATS criteria for difficult to control asthma and 22.4% had experienced a near fatal asthma episode (82% were women). 45.5% received only SABA, 12.9% were only on ICS, 34% were on ICS+LABA. Conclusions: A high number of admissions occurred in young patients (average age 43), a clear predominance in women and with markers of uncontrolled and severe asthma in the previous month and year. In spite of these facts treatment was suboptimal in the great majority of patients. This reflects a huge gap between guideline recommendations and daily treatment of asthma even in a specialized setting.