European Respiratory Society
Annual Congress 2013

Abstract Number: 4630
Publication Number: P4478

Abstract Group: 10.2. Tuberculosis

Keyword 1: Tuberculosis - management Keyword 2: Pleura Keyword 3: Public health

Title: Tuberculosis pyopneumothorax: Retrospective study of 16 cases in Tunisia

Besma 30344 Ourari ourari_besma@yahoo.fr MD , Sameh 30345 Dhaoui ourari_besma@yahoo.fr MD , Leila 30346 El Gharbi ourari_besma@yahoo.fr MD , Jihen 30347 Ben Amar ourari_besma@yahoo.fr MD , Saloua 30348 Azzabi ourari_besma@yahoo.fr MD , Med Ali 30349 Baccar ourari_besma@yahoo.fr MD , Hichem 30355 Aouina ourari_besma@yahoo.fr MD and Hend 30853 Bouacha ourari_besma@yahoo.fr MD . ¹ Pulmonary, Charles Nicolle Hospital, Tunis, Tunisia.

Body: Despite of the well conducted program, severe cases of tuberculosis have been recently recorded in Tunisia. Tuberculosis pyopneumothorax is a clinical event, which leads to severe complications and a set of treatment challenges. The objective of this case study is to analyze and present the clinical features, the treatment and the prognostic factors of tuberculosis pyopneumothorax. The case study relies on sixteen (16)patients, fourteen (14) men and two (2)women with a mean age of thirty four (34) and suffering from pyopneumothorax. They have been consulted after an average of four (4)weeks. Their major manifested symptoms were dyspnea, chest pain and fever. At thorax x-ray, the pyopneumothorax was prevailing on the right lung(60% of the cases), it was associated with pulmonary tuberculosis lesions in 75% of the cases. Seven (7) patients had bilateral pulmonary lesions. The treatment consisted of anti tubercular chemotherapy during six (6)months associated with a chest drain and a pleural kinesitherapy. After the treatment, twelve (12) patients had a successful evolution; four (4) patients had radiologic persisted lesions. Tuberculous pneumothorax is a severe pathology which requires other anti tuberculor drugs eventually surgical treatment for drainage and lung decortications to improve their prognosis.