



Sixth International  
Joint Meeting on  
**THORACIC  
SURGERY**  
Barcelona - 20<sup>th</sup>, 21<sup>st</sup> and 22<sup>nd</sup> November 2024  
Auditorio Foment del Treball Nacional, Barcelona (Spain)

11<sup>th</sup> International Meeting on General Thoracic Surgery



Hospital  
Universitari  
Sagrat Cor

10<sup>th</sup> International Workshop on Surgical Exploration of the  
Mediastinum and Systematic Nodal Dissection



5<sup>th</sup> Meeting of the Thoracic Oncology, Thoracic  
Surgery, Techniques & Transplant, Respiratory Nursing  
and Respiratory Physiotherapy Areas of the Spanish  
Society of Pneumology and Thoracic Surgery (SEPAR)



3<sup>rd</sup> Joint Meeting of the Spanish Society of  
Thoracic Surgery (SECT)



30<sup>th</sup> Congress of the "Asociación Iberoamericana  
de Cirugía Torácica" AIACT



10<sup>th</sup> International Workshop on Surgical Exploration of the  
Mediastinum and Systematic Nodal Dissection



## PULMONARY ASPERGILLOMA AND BRONCHIAL DILATION LESIONS

Souissi Ferial MD 1,a; Abdelkebir Amina. MD 1,a; Zribi Hazem. MD 1,a; Ben Amara Kaouther MD 1,a; Bouacida Imen MD 1,a; Abdennadher Mahdi. MD 1,a; Maazaoui Sarra MD 2,a; Marghli Adel. MD 1,a

1. Thoracic Surgery Department. Abderrahman Mami Hospital. Ariana. Tunisia; 2. Pneumology Department (PAV 2). Abderrahman Mami Hospital. Ariana. Tunisia; a. Faculty of Medicine of Tunis. University-Tunis-El Manar

\*Present the different clinico-biological and radiological features of aspergilloma on Bronchial Dilation (BD) and describe their surgical management. \*Retrospective study over 14 cases of patients operated for pulmonary aspergilloma occurring on BD lesions over a 25-year period. \*The average age was 41 years old with a sex ratio of 1,8. A past history of pulmonary tuberculosis was found in 3 patients. All patients were symptomatic of hemoptysis, which was scant or mild in 9 cases and massive in one case. Ten patients had a dry cough and seven patients had chest pain. Bronchial fibroscopy was normal in all patients. Aspergilloserology was performed in 6 patients and it was positive in 5 of them. The most frequent radiological sign was the graft image present in 10 patients. Aspergilloserology was bilateral in only one patient. The location was right upper lobar in 7 cases, left upper lobar in 4 cases, right lower lobar in one case, and straddling between two lobes in two cases. The aspergilloma was simpler in 12 cases and complex in 2 cases. The approach was a posterolateral thoracotomy in all cases. The procedures performed were lobectomy in 11 cases, upper and middle bilobectomy in 1 case, segmentectomy in one case and left pneumonectomy in one case. The postoperative course was simple for all patients. The average duration of drainage was 10 days and the duration of hospitalization was 12 days. \*Pulmonary aspergilloserology can be grafted on lesions of BD. Diagnosis must be made at an early stage in order to prevent possible complications, in particular hemoptysis which can be fatal.