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Title: Etiologic and prognostic profile of the hemoptysis (About 290 cases)

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Body: The hemoptysis, warning sign, is a frequent cause of consultation in the domain of the pneumology. The purpose of this study is to present the etiologic and prognostic profile of the hemoptysis through a retrospective study of 290 patients hospitalized at the department of Respiratory Diseases UHC Ibn Rochd between January 2008 and January 2010 because they suffer from a hemoptysis, let 15% of all the hospitalizations during the same period. Most patients are male (89%). The average age was 46.4 years old (age brackets: 18 to 84 years). Smoking was noticed in 68% of cases and the case history of tuberculosis in 28%. The hemoptysis is of low abundance in 69%, of middling abundance in 21% and great abundance in 10%. The main causes of hemoptysis in our study are: the bronchogenic carcinoma in 152 cases (52%), the bacterial infections in 40 cases (14%), the pulmonary tuberculosis in 27 cases (9%), the sequelae of tuberculosis in 21 cases (7%), the cyst in 16 cases (6%), the dilatation of the bronchi in 14 cases (5%), the pulmonary aspergilloma in 11 cases (4%), the cardiac disease in 3 cases (1%), the pulmonary embolism in 2 cases (0.6%), Behçet's disease and pulmonary hemosiderosis in 1 case each (0.3%). No etiology has been determined in two patients (0.6%). We deplore 3 deaths (1%) because of withering hemoptysis. It appears from this study that the main causes of hemoptysis are bronchogenic carcinoma and tuberculosis, hence the importance of prevention by fighting against tobacco and tuberculosis.