Pneumothorax and Bullae in Marfan Syndrome

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Pneumothorax and Bullae in Marfan

Conclusions: The frequency of blebs is relatively low in patients with Marfan syndrome but the risk of pneumothorax is significantly higher in those with radiologically detectable blebs or bullae. Chest CT scanning to identify blebs and bullae may allow risk stratification for pneumothorax in patients with Marfan syndrome.

Pneumothorax and bullae in Marfan syndrome — Mayo Clinic

Background. Spontaneous pneumothorax (SP) is a relatively rare condition in the paediatric population with a bimodal peak age of occurrence, with most cases occurring either in the neonatal period or in late adolescence. In children, SP is often caused by a tear in the visceral pleura due to the rupture of a subpleural bulla,...

Spontaneous pneumothorax as manifestation of Marfan syndrome

Pneumothorax and Bullae in Marfan Syndrome. The frequency of blebs is relatively low in patients with Marfan syndrome but the risk of pneumothorax is significantly higher in those with radiologically detectable blebs or bullae. Chest CT scanning to identify blebs and bullae may allow risk stratification for pneumothorax in patients with Marfan syndrome.

Pneumothorax and Bullae in Marfan Syndrome

501 Hall et al: Pneumothorax in the Marfan Syndrome Fig I. Posteroanterior chest radiograph from a 15-year-old boy with the Marfan syndrome on the occasion of his first pneumothorax. absence of breath sounds on the left and a marked in-crease in the intensity of the heart sounds. Chest radiog-

Pneumothorax in the Marfan Syndrome: Prevalence and Therapy

Although pulmonary symptoms are not generally considered a main feature of Marfan syndrome, many patients have a degree of underlying pulmonary pathology, such as cystic changes, emphysema, spontaneous pneumothorax (SP), focal pneumonia, bronchiectasis, bullae, congenital pulmonary malformations, and apical fibrosis [2, 3].

Thoracoscopic Treatment of Pneumothorax in Marfan Syndrome ...

A Chinese girl with Marfan's syndrome had spontaneous pneumothorax and bronchiectasis. Spontaneous pneumothorax is not an infrequent pulmonary manifestation of Marfan's syndrome, but bronchiectasis is...
rarely reported to occur. So far, it has not been reported that both bronchiectasis and spontaneous pneumothorax can occur in the same patient with Marfan's syndrome.

**Bronchiectasis and Spontaneous Pneumothorax in Marfan's**

Bullae can arise in adolescents and young adults for a variety of reasons: abnormal destruction of lung tissue, as in deficiency of antitrypsin or in association with chronic pulmonary infection; abnormal stresses exerted on lung segments, as 503 Hall et al: Pneumothorax in the Marfan Syndrome suggested in patients with long [33] or deformed [39] chest cavities; congenital defects; and abnormal integrity of the connective tissue framework of the lung.

**Pneumothorax in the Marfan Syndrome: Prevalence and**

An 18-year-old man had a history of Marfan syndrome, aortic root dissection with repair in 2007, and left spontaneous pneumothorax in July 2010. He has a smoking history of unspecified intensity and duration.

**Pulmonary Histologic Changes in Marfan Syndrome | American**

In the Marfan lung, pneumothorax can be recurrent, present in both lungs, and associated with emphysema. A person with pneumothorax may experience shortness of breath, dry cough, an acute onset of pleuritic chest pain (chest pain that gets worse when you take a deep breath), or chest pain that gets worse when coughing.

**Lungs | The Marfan Foundation**

Catamenial pneumothorax – this a pneumothorax that occurs in menstruating women. It usually occurs on the right-side and is associated with endometriosis, and defects in the diaphragm. It usually occurs on the right-side and is associated with endometriosis, and defects in the diaphragm.

**Blebs, Bullae and Spontaneous Pneumothorax – Thoracic Surgery**

Pneumothorax usually occurred after the diagnosis in most of the cases of Marfan syndrome. Cases with pneumothorax as initial diagnosis of Marfan syndrome are uncommon, and even less common in adults.

**Marfan syndrome with pneumothorax: case report and review**

Gas in the pleural space is termed a pneumothorax. A spontaneous pneumothorax is that which occurs in the absence of an external event. Determining the etiology of pneumothorax dictates immediate and definitive management.

**UpToDate**

Patients with Marfan syndrome are predisposed to the formation of subpleural bullae due to the shape of their thoraces and weakening of the connective tissue in their lungs. Radiologically detectable bullae should be surgically addressed to prevent primary spontaneous pneumothorax.

**Primary spontaneous pneumothorax in conjunction with**

Abstract. A case of bilateral spontaneous pneumothorax in a 14-year-old girl with previously undiagnosed Marfan's syndrome is described. The pulmonary abnormalities of Marfan's syndrome are not commonly encountered and bilateral pneumothorax is itself a rare event which, in most instances, has been reported following invasive procedures.

**Marfan's syndrome presenting as bilateral spontaneous**
Pneumothorax is the presence of air between the parietal and visceral pleura in the pleural cavity. It is caused most frequently by trauma or blunt or penetrating injury, which may be accidental or iatrogenic. If it is not caused by trauma, it is referred to as spontaneous; this may be primary (not associated with an...