Documents

Delaey, P.[a g] , Plawny, L.[b] , Nchimi, A.[c] , Hirschi, S.[d] , Weingertner, N.[e] , Santelmo, N.[f] , Wirtz, G.[g]

Effect of surgery of pulmonary cysts related to immunoglobulin light chain deposits [Intérêt de la chirurgie de kystes pulmonaires liés à des dépôts de chaînes légères]

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[a] Département de médecine interne, cliniques universitaires Saint-Luc, université catholique de Louvain, Bruxelles, Belgium
[b] Service d'hématologie, centre hospitalier de Luxembourg, Strassen, Luxembourg
[c] Service de radiologie, centre hospitalier de Luxembourg, Strassen, Luxembourg
[d] Service de pneumologie, hôpitaux universitaires de Strasbourg, Strasbourg, France
[e] Service d'anatomopathologie, hôpitaux universitaires de Strasbourg, Strasbourg, France
[f] Chirurgie thoracique des Deux-Rives, clinique Rhéna, Strasbourg, France
[g] Service de pneumologie, centre hospitalier de Luxembourg, Strassen, Luxembourg

Abstract
Introduction: Light chain deposition disease is a rare anatomo-clinical disorder, which rarely leads to cystic lung destruction. Case report: We report the case of a 62 years old female patient with a history of a monoclonal gammopathy of unknown significance who developed progressive dyspnea. Thoracic CT-scan demonstrated a diffuse pulmonary cystic disorder with predominance in the right lower lobe. Thoracoscopic surgical resection of that lobe led to a diagnosis of non-amyloid kappa light chain deposits. Surgery also resulted in a lung volume reduction effect with clinical and functional benefits related to improved ventilation of adjacent segments. Conclusion: This report of pulmonary cystic disorder related to a light chain deposition disease highlights the potential clinical and functional benefits observed after lung volume reduction surgery. © 2020 SPLF

Author Keywords
Cysts; Immunoglobulin light chains; Light chain deposition disease; Lungs; Thoracic surgery

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Correspondence Address
Delaey P.; Centre hospitalier de Luxembourg, 4, rue Nicolas-Barblé, Luxembourg; email: philippe.delaey@student.uclouvain.be

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