



## Clinical Image

### Bronchoscopy in a Case of Mounier-Kühn Syndrome<sup>☆</sup>

### Broncoscopia en un caso de síndrome de Mounier-Kühn

Esteban Javier Wainstein,<sup>\*</sup> Marcos José Las Heras, Horacio Matías Castro

Sección de Neumonología, Servicio de Clínica Médica, Hospital Italiano de Buenos Aires, Buenos Aires, Argentina



A 41-year-old woman was referred to our center for evaluation as a potential candidate for lung transplantation due to Mounier-Kühn syndrome with severe lung function decline. She developed cough and bronchorrhea at the age of 20 years along with dyspnea that progressed to functional class III.

Chest computed tomography showed bronchiectasis and significant airway dilation. The anteroposterior diameter of the trachea and the main bronchi were 53 mm and 35 mm, respectively.

We performed flexible bronchoscopy under local anesthesia in order to visualize the airway and obtain a sample for microbiological study. During the procedure, we observed severe distortion of the tracheobronchial anatomy with the formation of deep folds, tracheobronchomalacia, and abundant purulent secretions (see video in [Annex]). As far as we know, no dynamic images of cases of Mounier-Kühn of this magnitude have been published previously.

Given the technical difficulties, the isolation of resistant *Pseudomonas*, and reports of poor progress after lung transplantation in these cases,<sup>1</sup> we decided that the patient was not a suitable candidate to undergo the procedure.

#### Appendix A. Supplementary data

Supplementary data associated with this article can be found, in the online version, at [doi:10.1016/j.arbr.2019.02.023](https://doi.org/10.1016/j.arbr.2019.02.023).

#### Reference

1. Minai OA, Mehta AC, Pettersson G, Demet KJ. Lung transplantation in a patient with Mounier-Kühn syndrome. *Thorac Cardiovasc Surg*. 2006;132:737–8.

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<sup>\*</sup> Corresponding author.

E-mail address: [esteban.wainstein@hospitalitaliano.org.ar](mailto:esteban.wainstein@hospitalitaliano.org.ar) (E.J. Wainstein).