



# Iatrogenic Tracheal Laceration Secondary to Orotracheal Intubation

Rubén Andújar-Espinosa<sup>1,2\*</sup>, Elena Solana-Martínez<sup>1</sup> and María José Roca-Calvo<sup>2,3</sup>

<sup>1</sup>Department of Pulmonology, Hospital Clínico Universitario Virgen de la Arrixaca, Spain

<sup>2</sup>Department of Medicine Department, Universidad de Murcia, Spain

<sup>3</sup>Department of Thoracic Surgery, Hospital Clínico Universitario Virgen de la Arrixaca, Spain

## Clinical Image

A 41-year-old woman admitted for massive hemoptysis after cervical arthrodesis surgery. A chest CT scan is performed, displaying multiple diffuse ground-glass opacities throughout the lung parenchyma and a break in continuity in the right posterior wall of the trachea at the level of the D1 vertebra with a small adherent hematoma in the area (Figure 1A, 1B). Bronchoscopy was performed, visualizing an excrescent lesion at the level of the middle right posterior tracheal third of apparent consistency of soft tissues, mobile and without observing pulsation (Figure 1C). Four biopsies were taken from the lesion whose pathological anatomy indicated mucosa with squamous metaplasia with mild dysplasia, without evidence of neoplastic infiltration. A high suspicion of iatrogenic tracheal laceration due to oro-tracheal intubation was diagnosed. A control bronchoscopy was performed after 45 days, visualizing a small granulomatous lesion at the right posterior tracheal level (Figure 1D), confirming diagnosis.

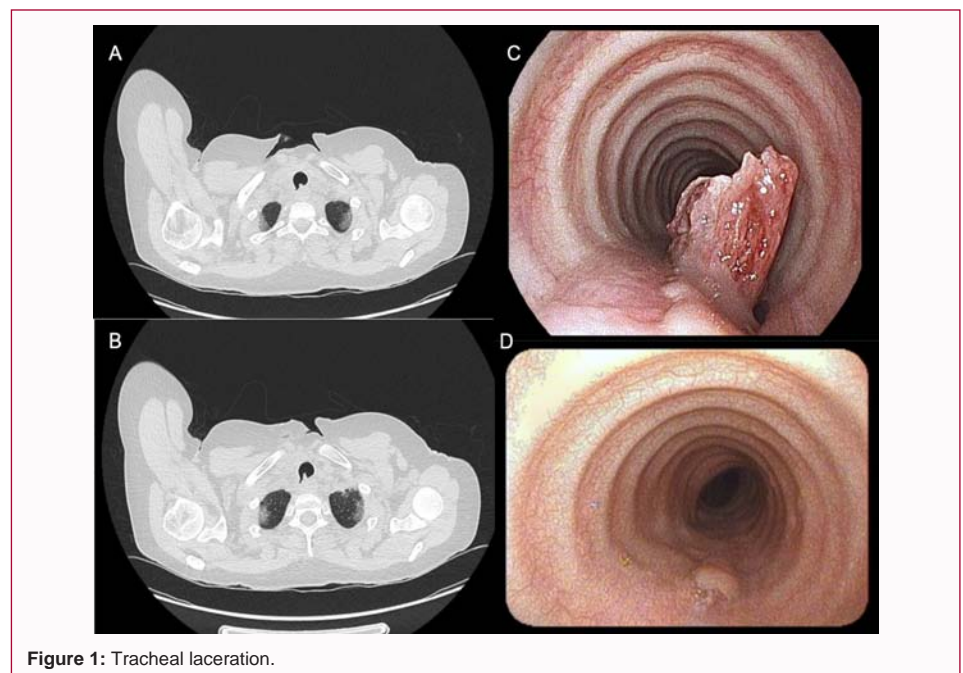


Figure 1: Tracheal laceration.

## OPEN ACCESS

### \*Correspondence:

Rubén Andújar-Espinosa, Department of Pulmonology, Hospital Clínico Universitario Virgen de la Arrixaca, Spain,

E-mail: rubemed@hotmail.com

Received Date: 09 Feb 2022

Accepted Date: 24 Feb 2022

Published Date: 07 Mar 2022

### Citation:

Andújar-Espinosa R, Solana-Martínez E, Roca-Calvo MJ. Iatrogenic Tracheal Laceration Secondary to Orotracheal Intubation. *Am J Otolaryngol Head Neck Surg.* 2022; 5(4): 1185.

**Copyright** © 2022 Rubén Andújar-Espinosa. This is an open access article distributed under the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.