

WORLD CONGRESS OF GASTROENTEROLOGY AND DIGESTIVE DISEASES



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Bilateral vocal fold paresis and glottal bridge synechia in COVID-19

Abstract: Although COVID-19 is known to affect peripheral as well as cranial nerves, there is a paucity of reports on vocal fold paresis in COVID-19, bilateral vocal fold paresis (BVFP) in particular.

We describe a case of bilateral vocal fold paresis and glottal bridge synechia following mechanical ventilation in COVID-19-pneumonia. Potential pathomechanisms and treatment options are discussed.

This case demonstrates the complexity of laryngeal complications in COVID-19.

An early interdisciplinary team approach combining high-dose intravenous corticosteroids, surgical treatments as well as functional therapies is recommended.

Keywords: bilateral vocal fold paresis, bridge synechia, COVID-19, laryngeal edema

Biography: Antonia Tardue-Breiter is an ENT-specialist, phoniatician and classical singer. She received her degrees in medicine and classical singing in her home town Vienna, Austria. After her residency in ENT in Switzerland (University Hospital Basel) and Germany (Städtisches Klinikum Dresden), she finished her training as a phoniatician at the University Hospital in Innsbruck. Since 2019, she has been working as the teamleader of the phoniatic team at the ENT-Department of the University Hospital St. Pölten in Lower Austria. Her specialty and main research interests focus on the treatment of voice disorders and the care of professional voice-users, singers in particular.