

Patient N	#1	#2	#3	#4	#5
Age	77	72	82	81	64
Years from TL	1	2	7	9	1
OD (<90%)	Yes	Yes	Yes	Yes	Yes
Other symptoms	Fever	None	Fever	Thoracic pain	Fever, active bleeding from trachea
Hospital Ward	Infectious disease	Infectious disease	Infectious disease, ICU	Infectious disease	Pneumology
Pulmonary	Yes	No	Yes	Yes	Yes
Hemorrhagic tracheitis	Yes	Yes	No	Yes	Yes
LMWH	Yes	No	Yes	Yes	Yes
Oxygen therapy	Yes	Yes	Yes	Yes	Yes
Microbiology	MSSA + E. Coli	MSSA	-	Negative	Negative
Viral co-infection	Negative	Negative	-	Negative	Negative
Need for invasive procedure in OR	No	Yes (Bronchoscopy)	No	Yes (Bronchoscopy)	Yes (Bronchoscopy)
Tissue Sampling	No	Yes	No	Yes	No
Hospital Stay	5 weeks	5 weeks	6 days	7 weeks	12 days
Outcome	Recovered	Recovered	Dead	Recovered	Recovered

Table 1. Description of the clinical features of patients affected by SARS-CoV-2 tracheobronchitis after total laryngectomy.

N: patient number; TL: total laryngectomy; OD: oxygen desaturation; Other symptoms: other symptoms or signs on admission; Hosp. ward: hospital ward. Pulmonary: SARS-CoV-2 Pneumonia on admission; LMWH: treatment with low molecular-weight Heparin. Microbiology: bacterial cultural test from trachea and bronchi. Viral co-infection: serology and antigenic tests (see text) for associated respiratory viruses. OR: operating room; MSSA: methicillin-susceptible *Staphylococcus Aureus*, E. Coli: *Escherichia Coli*.