



Fig. S1. Bronchoscopic photographs taken before the exacerbation. Scars in (a) the trachea, (b) the tracheal bifurcation, and (c) the left main bronchus. Bronchoscopic photographs after the exacerbation. (d) Prominent oedema and ulcers in the trachea, (e) tracheal bifurcation, and (f) left main bronchus.