



Table S1. Recorded values of V_T measured by the ventilator, and V_T , PIP, PEEP and C_D measured by the spirometer in case No 1.

Time Point	V_T (mL) Ventilator Setting	$V_{T\text{ INS}}/V_{T\text{ EXP}}$ (mL) on Spirometer	PIP/PEEP (cmH ₂ O) on Spirometer	C_D (mL/cmH ₂ O) on Spirometer	ETCO ₂ (mmHg)
T ₁	20	No recording	No recording		37–40
T ₂	50	22/14	13/0	1.2	37–40
T ₃	50			1.3	
T ₄	50			1.9	116
T ₅	Off	38/34	14–20/0		58

T₁ = start of VCV, after atracurium was given; T₂ = after increase in V_T setting on the ventilator; T₃ = after first recruitment manoeuvre (stepwise increase of PEEP up to 10 cmH₂O); T₄ = after second recruitment manoeuvre (PIP of 20 cmH₂O for 20 s); T₅ = manual ventilation.

Table S2. Recorded values of V_T measured by the ventilator, and V_T , PIP, PEEP and C_D measured by the spirometer in case No 2.

Time Point	V_T (mL) Ventilator Setting	$V_{T\text{ INS}}/V_{T\text{ EXP}}$ (mL) on Spirometer	PIP/PEEP (cmH ₂ O) on Spirometer	C_D (mL/cmH ₂ O) on Spirometer	ETCO ₂ (mmHg)
T ₁	45	25/20	8/0	2.2	71
T ₂	50	25/20	9/0	2	95
T ₃					197
T ₄			12–25/0		
T ₅					65

T₁ = start of VCV, after atracurium was given; T₂ = 25 min after atracurium; T₃ = after recruitment manoeuvre (PIP of 20 cmH₂O for 20 s with a PEEP of 5 cm cmH₂O after); T₄ = manual ventilation; T₅ = end of anaesthesia.