

Eumorfia Kondili
 Christina Alexopoulou
 George Prinianakis
 Nectaria Xirouchaki
 Dimitris Georgopoulos

Pattern of lung emptying and expiratory resistance in mechanically ventilated patients with chronic obstructive pulmonary disease

Published online: 17 August 2004
 © Springer-Verlag 2004

The online version of the original article can be found at <http://dx.doi.org/10.1007/s00134-004-2255-z>

E. Kondili · C. Alexopoulou · G. Prinianakis · N. Xirouchaki · D. Georgopoulos (✉)
 Department of Intensive Care Medicine,
 University Hospital of Heraklion,
 University of Crete,
 711 10 Heraklion, Crete, Greece
 e-mail: georgop@med.uoc.gr
 Fax: +30-2810-392636

Intensive Care Med (2004) 30:1311–1318

In Tables 4 and 5, symbols and values were incorrectly rendered in the online PDF version and in print. Only in the online HTML version were the tables reproduced correctly. The tables should appear as follows:

Table 4 Time constant of the consecutive volume slices at different PEEP [τ time constant of the total system (respiratory system, endotracheal tube, expiratory ventilator circuit), τ_{rs} time constant of the respiratory system]

Volume slice	PEEP (cmH ₂ O)					
	τ (s)			τ_{rs} (s)		
	0	5	10	0	5	10
1	1.19±0.6*	1.20±0.6*	0.87±0.3*	1.10±0.7* ^{&}	1.06±0.6* ^{&}	0.70±0.4 ^{&}
2	1.90±0.9*	1.54±0.6	1.16±0.4 ⁺	1.80±1.0* ^{&}	1.41±0.7 ^{&}	0.95±0.5* ^{&}
3	2.58±1.2*	1.95±0.9	1.32±0.4 ⁺	2.53±1.3*	1.82±0.9* ^{&}	1.11±0.4* ^{&}
4	3.03±1.6*	2.18±1.3 ⁺	1.50±0.7 ⁺	3.00±1.7*	2.04±1.3* ^{&}	1.28±0.7* ^{&}
5	3.75±2.3	2.15±1.0 ⁺	1.58±0.7 ⁺	3.75±2.3	1.97±1.0* ^{&}	1.33±0.7* ^{&}

* Significantly different from the corresponding value (for a given PEEP) at the fifth volume slice (end of expiration)

⁺ Significantly different from the corresponding value (for a given volume slice) at zero PEEP

[&] Significantly different from the corresponding value (for a given PEEP and volume slice) of the total system

Table 5 Total and respiratory system expiratory resistance of the consecutive volume slices at different PEEP [R_{tot} expiratory resistance of the total system (respiratory system, endotracheal tube, expiratory ventilator circuit), R_{rs} expiratory resistance of the respiratory system]

Volume slice	PEEP (cmH ₂ O)					
	R_{tot} (cmH ₂ O/l/s)			R_{rs} (cmH ₂ O/l/s)		
	0	5	10	0	5	10
1	23.83±8.1*	24.92±7.4	21.13±6.3	20.94±11.0* ^{&}	21.29±9.3 ^{&}	16.68±7.4 ^{&}
2	31.36±12.3*	26.55±7.1	20.50±4.3 ⁺	29.02±15.6* ^{&}	23.69±9.1 ^{&}	16.50±5.7* ^{&}
3	36.94±15.9*	28.98±10.7	19.22±3.7 ⁺	35.82±17.2*	26.71±12.3 ^{&}	15.85±4.4* ^{&}
4	40.22±22.3	28.42±14.3 ⁺	18.12±4.6 ⁺	39.56±23.1	26.28±15.6* ^{&}	15.20±4.7* ^{&}
5	46.61±28.9	26.34±12.0 ⁺	17.82±7.4 ⁺	46.61±28.9	23.93±12.2* ^{&}	15.00±7.5* ^{&}

* Significantly different from the corresponding value (for a given PEEP) at the fifth volume slice (end of expiration)

⁺ Significantly different from the corresponding value (for a given volume slice) at zero PEEP

[&] Significantly different from the corresponding value (for a given PEEP and volume slice) of the total system