Appendix

Table E1 - Mean tidal volume generated by the physiotherapists, under the American Society of Testing Materials (ASTM) condition,[a] with the one-handed and two-handed techniques.[b]

Physiotherapist	Hand size, mm	Manual resuscitator							
		Ambu	Ambu S	Hudson/RCI	Moriya	Oxigel	Protec	RWR	Unitec
Tidal volume generated with the one-handed technique under the ASTM condition									
Female 1	177	527 ± 43	499 ± 9	488 ± 29	460 ± 13	463 ± 14	419 ± 13	457 ± 23	328 ± 18
Female 2	160	446 ± 4	428 ± 8	432 ± 1	409 ± 2	389 ± 4	353 ± 7	399 ± 7	246 ± 14
Male 1	200	637 ± 39	673 ± 25	673 ± 3	589 ± 22	535 ± 11	530 ± 25	617 ± 7	360 ± 21
Male 2	188	538 ± 76	498 ± 61	481 ± 35	511 ± 22	484 ± 6	416 ± 43	475 ± 16	334 ± 40
Tidal volume generated with the two-handed technique under the ASTM condition									
Female 1	177	693 ± 15	715 ± 3	679 ± 29	642 ± 16	430 ± 2	506 ± 7	567 ± 21	441 ± 14
Female 2	160	693 ± 2	681 ± 34	666 ± 18	586 ± 37	488 ± 14	520 ± 22	562 ± 12	388 ± 8
Male 1	200	797 ± 19	752 ± 12	785 ± 11	741 ± 9	588 ± 26	584 ± 22	691 ± 5	474 ± 2
Male 2	188	591 ± 38	627 ± 17	500 ± 19	573 ± 11	530 ± 16	436 ± 32	488 ± 27	373 ± 15

[a]Compliance = 0.02 L/cmH_2O; and resistance = 20 cmH_2O . L^{-1} . s^{-1}.
[b]Values expressed as mean ± SD, on the basis of 3 measurements, in mL.