

Additional Table 3: Wash-out time of isoflurane (2.5% to 0%), sevoflurane (2.5% to 0 %) and desflurane (6 % to 0 %) in the Aisys CS™ fresh gas flow, and the MIRUS™ system.

System	Wash-out time	95% bias-corrected and accelerated-confidence interval	Statistics
Isoflurane (2.5% to 0%)			
0.5 L/min FGF	1:36:36±0:01:3	1:33:40-1:39:27	
	0		
1.0 L/min FGF	0:48:43±0:00:4	0:47:17-0:49:38	<i>P</i> < 0.001*
	1		
2.5 L/min FGF	0:21:17±0:00:1	0:20:38-0:21:43	<i>P</i> < 0.001*
	8		
5.0 L/min FGF	0:10:44±0:00:0	0:10:33-0:10:51	<i>P</i> < 0.001*
	5		
MIRUS™ MV 5 L	0:36:18±0:02:4	0:33:18-0:42:12	
	7		
MIRUS™ MV 20 L	0:09:38±0:00:0	0:09:26-0:09:48	
	5		
Sevoflurane (2.5% to 0%)			
0.5 L/min FGF	1:23:21±0:01:5	1:20:00-1:27:00	
	3		
1.0 L/min FGF	0:50:21±0:03:3	0:46:01-0:58:02	<i>P</i> < 0.001**
	9		
2.5 L/min FGF	0:20:22±0:00:1	0:20:02-0:21:02	<i>P</i> < 0.001**
	7		
5.0 L/min FGF	0:11:19±0:00:2	0:10:05-0:12:03	<i>P</i> = 0.003**
	8		
MIRUS™ MV 5 L	0:55:16±0:00:0	0:54:58-0:55:29	
	9		
MIRUS™ MV 20 L	0:12:39±0:00:1	0:12:18-0:12:58	
	0		
Desflurane (6% to 0%)			

0.5 L/min FGF	1:39:29±0:03:1	1:33:47-1:45:47		
	4			
1.0 L/min FGF	0:59:00±0:02:2	0:54:31-1:04:07	<i>P</i>	<
	0		0.001***	
2.5 L/min FGF	0:23:33±0:00:1	0:23:07-0:23:49	<i>P</i>	<
	2		0.001***	
5.0 L/min FGF	0:12:34±0:00:2	0:12:01-0:13:27	<i>P</i>	=
	4		0.016***	
MIRUS™ MV 5 L	0:59:46±0:01:3	0:56:18-1:01:42		
	5			
MIRUS™ MV 20 L	0:14:15±0:00:1	0:13:56-0:14:34		
	0			

Wash-out times were presented in the format hour:minute:second. Bootstrapped data are presented as mean±SEM and 95% bias-corrected and accelerated-confidence interval. *Sidak correction was performed for post-hoc analysis as follow-up to univariate analysis of variance ($F_{(5,18)} = 959.04$, $P < 0.001$, $R_c^2 = 0.996$). **Sidak correction was performed for post-hoc analysis as follow-up to univariate ANOVA ($F_{(5,18)} = 474.30$, $P < 0.001$, $R_c^2 = 0.992$). ***Sidak correction was performed for post-hoc analysis as follow-up to univariate ANOVA ($F(5,17) = 351.02$, $p < 0.001$, $R_c^2 = 0.990$). All Sidak correction was with adjacent FGFs tested against each other (0.5 vs. 1 L/min FGF; 1 vs. 2.5 L/min FGF; 2.5 vs. 5 L/min FGF). FGF: Fresh gas flow of the Aisys CS™; MV: minute volume; R_c^2 : corrected R^2 .