

Efficacy and Safety of Stroke Volume Variation-Guided Fluid Therapy for Reducing Blood Loss and Transfusion Requirements During Radical Cystectomy: A Randomized Clinical Trial: Erratum

In the article, “Efficacy and Safety of Stroke Volume Variation-Guided Fluid Therapy for Reducing Blood Loss and Transfusion Requirements During Radical Cystectomy: A Randomized Clinical Trial”,^[1] which appeared in Volume 95, Issue 19 of *Medicine*, minus signs were left off of some numbers in Tables 4 and 5. The corrected tables appear below.

Table 4

Intraoperative Hemodynamic Variables.

Variables	Least Square Means (95% CI)		Estimated Difference (95% CI)	P value
	Control Group (n=23)	Trial Group (n=23)		
Stroke volume variation, %				
15 min after skin incision	5.8 (4.9–6.8)	8.3 (7.3–9.2)	2.4 (1.1–3.8)	<0.001
1 h after skin incision	7.0 (6.0–8.0)	12.5 (11.6–13.5)	5.5 (4.2–6.9)	<0.001
Immediately after cystectomy	7.7 (6.8–8.7)	14.5 (13.5–15.4)	6.7 (5.4–8.1)	<0.001
1 h after cystectomy	7.0 (6.0–7.9)	14.2 (13.3–15.2)	7.3 (5.9–8.6)	<0.001
End of surgery	6.0 (5.0–7.0)	12.8 (11.8–13.7)	6.8 (5.4–8.1)	<0.001
Central venous pressure, mm Hg				
15 min after skin incision	7.2 (5.9–8.5)	6.0 (4.6–7.3)	−1.3 (−3.1–0.6)	0.189
1 h after skin incision	6.6 (5.2–7.9)	4.8 (3.5–6.1)	−1.8 (−3.7–0.1)	0.063
Immediately after cystectomy	6.3 (5.0–7.6)	3.8 (2.5–5.2)	−2.5 (−4.4–0.6)	0.010
1 h after cystectomy	7.4 (6.1–8.7)	4.3 (3.0–5.7)	−3.0 (−4.9–1.2)	0.002
End of surgery	7.2 (5.8–8.5)	4.4 (3.1–5.8)	−2.7 (−4.6–0.9)	0.004
Stroke volume, mL/beat				
15 min after skin incision	68.2 (61.2–75.2)	70.2 (63.3–77.2)	2.1 (−7.8–11.9)	0.684
1 h after skin incision	70.4 (63.5–77.4)	64.4 (57.4–71.3)	−6.1 (−15.9–3.8)	0.228
Immediately after cystectomy	66.3 (59.3–73.3)	60.0 (53.0–66.9)	−6.3 (−16.2–3.5)	0.208
1 h after cystectomy	72.6 (65.6–79.6)	61.5 (54.5–68.5)	−11.1 (−21.0–1.2)	0.027
End of surgery	73.2 (66.2–80.1)	65.3 (58.3–72.3)	−7.8 (−17.7–2.0)	0.119
Systemic vascular resistance, dyne × s/cm ⁵				
15 min after skin incision	1340 (1194–1485)	1238 (1092–1383)	−102 (−308–104)	0.331
1 h after skin incision	1314 (1168–1459)	1301 (1156–1447)	−13 (−218–193)	0.904
Immediately after cystectomy	1198 (1053–1344)	1308 (1163–1454)	110 (−96–316)	0.296
1 h after cystectomy	1058 (913–1204)	1194 (1049–1340)	136 (−70–342)	0.196
End of surgery	971 (825–1116)	1027 (881–1172)	56 (−150–261)	0.596
Mean blood pressure, mm Hg				
15 min after skin incision	91.4 (86.0–96.9)	90.0 (84.6–95.5)	−1.4 (−9.1–6.3)	0.723
1 h after skin incision	88.8 (83.3–94.2)	86.3 (80.8–91.7)	−2.5 (−10.2–5.2)	0.521
Immediately after cystectomy	81.2 (75.8–86.7)	81.3 (75.8–86.7)	0.0 (−7.7–7.7)	0.991
1 h after cystectomy	78.9 (73.5–84.4)	77.9 (72.5–83.4)	−1.0 (−8.7–6.7)	0.799
End of surgery	82.0 (76.6–87.4)	79.2 (73.7–84.6)	−2.8 (−10.5–4.9)	0.472
Heart rate, beats/min				
15 min after skin incision	72.9 (68.7–77.1)	75.7 (71.5–79.9)	2.8 (−3.2–8.7)	0.360
1 h after skin incision	70.5 (66.3–74.7)	76.9 (72.7–81.1)	6.4 (0.4–12.3)	0.035
Immediately after cystectomy	73.4 (69.2–77.6)	79.1 (74.9–83.3)	5.7 (−0.3–11.6)	0.061
1 h after cystectomy	75.4 (71.2–79.6)	82.1 (77.9–86.3)	6.7 (0.7–12.6)	0.028
End of surgery	82.8 (78.6–87.0)	88.5 (84.3–92.7)	5.7 (−0.3–11.6)	0.061

CI = confidence interval.

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Table 5**Postoperative Lactate and Base Excess Values.**

Variables	Least Square Means (95% CI)		Estimated Difference (95% CI)	P value
	Control Group (n=23)	Trial Group (n=23)		
Serum lactate, mmol/L				
Postoperative day 0	2.0 (1.7–2.3)	2.1 (1.8–2.3)	0.0 (–0.3–0.4)	0.814
Postoperative day 1	1.8 (1.5–2.1)	1.9 (1.6–2.2)	0.1 (–0.3–0.5)	0.637
Postoperative day 2	1.5 (1.2–1.8)	1.6 (1.3–1.9)	0.1 (–0.3–0.5)	0.668
Serum base excess, mmEq/L				
Postoperative day 0	–5.6 (–6.6––4.6)	–6.6 (–7.7––5.6)	–1.0 (–2.5–0.5)	0.183
Postoperative day 1	–4.7 (–5.8––3.7)	–5.2 (–6.3––4.2)	–0.5 (–2.0–0.9)	0.478
Postoperative day 2	–4.0 (–5.1––3.0)	–3.9 (–5.0––2.9)	0.1 (–1.4–1.6)	0.908

CI=confidence interval.

Reference

- [1] Kong Y-G, K J-Y, Yu J. Efficacy and Safety of Stroke Volume Variation-Guided Fluid Therapy for Reducing Blood Loss and Transfusion Requirements During Radical Cystectomy: A Randomized Clinical Trial. *Medicine*. 95;19:e3685.