

Reply to the “Joint Editors-in-Chief Request for Determination Regarding Papers
Published by Dr. Yoshitaka Fujii,” dated April 9, 2012

December 26, 2012
Research Integration Committee,
University of Tsukuba

The University of Tsukuba completed the investigation of the papers listed in the attachments 1 and 2. The results of investigation are as follows.

Results of Investigation

1. Sixty-eight papers on clinical research

(Underlined paper numbers indicate the judgment was duplicated.)

(1) Papers in which no misconduct was identified:

None

(2) Papers in which falsification was identified:

Nos. 73 and 90

Dr. Fujii admitted that he manipulated the research period on purpose in these papers. The fact was confirmed by available evidence.

(3) Papers in which Dr. Fujii made false statements that the research was approved by IRB:

Nos. 2, 3, 4, 5, 8, 9, 11, 12, 13, 14, 16, 18, 36, 37, 38, 39, 40, 41, 42, 45, 46, 47, 48, 49, 50, 51, 53, 54, 63, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 80, 81, 83, 84, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, and 100.

Note: “IRB” refers to the Institutional Review Board, Institutional Ethics Committee, Research Ethics Board, or Institutional Ethical Review in these papers.

(4) Papers in which Dr. Fujii made false statements that he conducted RCT/DB by himself:

Nos. 2, 3, 4, 8, 9, 11, 12, 13, 14, 16, 18, 36, 37, 38, 39, 40, 41, 42, 46, 47, 49, 50, 51, 53, 54, 63, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 80, 81, 83, 84, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, and 100.

Note: “RCT/DB” refers to the Randomized Controlled Trial/Double Blind.”

(5) Papers in which no evidence of experimentation and authenticity of data was provided:

Nos. 7, 30, 32, 59, 61, 62, 86, and 87.

2. Thirty-five papers on animal experiments

(1) Papers which were proven to include no misconduct:

Nos. 26, 44, 52, 56, and 60.

It was confirmed that the numbers of animals used in the experiments mentioned in the experiment notes of the authors agreed with the corresponding numbers found in the official records of the University Animal Experiment Center. Therefore, it was determined that the experiments were conducted exactly in the way described in each paper (already mentioned in the Interim Report)

(2) Papers in which any misconduct was identified clearly by evidence:

None.

(3) Papers in which the numbers of animals used in the experiments were not confirmed:

Nos.1, 6, 10, 15, 17, 19, 20, 21, 22, 23, 24, 25, 27, 28, 29, 31, 33, 34, 43, 55, 57, 58, 79, 82, a1, a2, a3, a4, a5, and a6.

It was confirmed that some experiments were actually carried out. However, from a limited set of data made available by Dr. Fujii, it was not possible to confirm that the experiments were conducted exactly in the way described in each paper.

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1. Hoshi T, Fujii Y, Toyooka H. Comparative effects of xenon and nitrous oxide on diaphragmatic contractility in dogs. <i>Acta Anaesthesiol Scand</i> 2002;46:699-702*
2. Fujii Y, Tanaka H, Somekawa Y. Granisetron, droperidol, and metoclopramide for the treatment of established postoperative nausea and vomiting in women undergoing gynecologic surgery. <i>Am. J. Obstet. Gynecol.</i> 2000;182:13-6
3. Fujii Y, Tanaka H, Kawasaki T. Benefits and risks of granisetron versus ramosetron for nausea and vomiting after breast surgery: a randomized, double-blinded, placebo-controlled trial. <i>Am J Ther</i> 2004;11:278-82
4. Fujii Y, Toyooka H, Tanaka H. Prophylactic anti-emetic therapy with granisetron, droperidol and metoclopramide in female patients undergoing middle ear surgery. <i>Anaesthesia</i> 1998;53:1165-8
5. Fujii Y, Toyooka H, Ishikawa E, Kato N. Blood flow velocity in the middle cerebral artery response to tourniquet release. <i>Anaesth Intensive Care</i> 1999;27:253-6
6. Fujii Y, Takahashi S, Toyooka H. Protection from diaphragmatic fatigue by nitric oxide synthase inhibitor in dogs. <i>Anaesth Intensive Care</i> 1999;27:45-8*
7. Numazaki M, Fujii Y. Subhypnotic dose of propofol for the prevention of nausea and vomiting during spinal anaesthesia for caesarean section. <i>Anaesth Intensive Care</i> 2000;28:262-5
8. Fujii Y, Uemura A. Effect of metoclopramide on pain on injection of propofol. <i>Anaesth Intensive Care</i> 2004;32:653-6
9. Fujii Y, Toyooka H, Tanaka H. Prevention of postoperative nausea and vomiting with a combination of granisetron and droperidol. <i>Anesth. Analg.</i> 1998;86:613-6
10. Fujii Y, Takahashi S, Toyooka H. The effects of milrinone and its mechanism in the fatigued diaphragm in dogs. <i>Anesth. Analg.</i> 1998;87:1077-82
11. Fujii Y, Saitoh Y, Tanaka H, Toyooka H. Prophylactic oral antiemetics for preventing postoperative nausea and vomiting: granisetron versus domperidone. <i>Anesth. Analg.</i> 1998;87:1404-7
12. Fujii Y, Toyooka H, Tanaka H. A granisetron-droperidol combination prevents postoperative vomiting in children. <i>Anesth. Analg.</i> 1998;87:761-5
13. Fujii Y, Saitoh Y, Tanaka H, Hidenori T. Preoperative oral antiemetics for reducing postoperative vomiting after tonsillectomy in children: granisetron versus perphenazine. <i>Anesth. Analg.</i> 1999;88:1298-301
14. Fujii Y, Saitoh Y, Tanaka H, Toyooka H. Granisetron/dexamethasone combination for reducing nausea and vomiting during and after spinal anesthesia for cesarean section. <i>Anesth. Analg.</i> 1999;88:1346-50
15. Fujii Y, Hoshi T, Takahashi S, Toyooka H. Propofol decreases diaphragmatic contractility in dogs. <i>Anesth. Analg.</i> 1999;89:1557-60
16. Fujii Y, Saitoh Y, Tanaka H, Toyooka H. Comparison of ramosetron and granisetron for preventing postoperative nausea and vomiting after gynecologic surgery. <i>Anesth. Analg.</i> 1999;89:476-9
17. Fujii Y, Takahashi S, Toyooka H. The effect of olprinone compared with milrinone on diaphragmatic muscle function in dogs. <i>Anesth. Analg.</i> 1999;89:781-5
18. Fujii Y, Saitoh Y, Tanaka H, Toyooka H. Ramosetron for preventing postoperative nausea and vomiting in women undergoing gynecological surgery. <i>Anesth. Analg.</i> 2000;90:472-5
19. Fujii Y, Hoshi T, Takahashi S, Toyooka H. The effect of sedative drugs on diaphragmatic contractility in dogs: propofol versus midazolam. <i>Anesth. Analg.</i> 2000;91:1035-7
20. Fujii Y, Hoshi T, Uemura A, Toyooka H. Dose-response characteristics of midazolam for reducing diaphragmatic contractility. <i>Anesth. Analg.</i> 2001;92:1590-3
21. Fujii Y, Hoshi T, Toyooka H. Colforsin daropate improves contractility in fatigued canine diaphragm. <i>Anesth. Analg.</i> 2001;92:762-6
22. Fujii Y, Uemura A, Toyooka H. The dose-range effects of propofol on the contractility of fatigued diaphragm in dogs. <i>Anesth. Analg.</i> 2001;93:1194-8
23. Fujii Y, Uemura A, Toyooka H. The dose-related efficacy of diltiazem for enhancing diaphragmatic fatigability in dogs. <i>Anesth. Analg.</i> 2002;95:129-32
24. Fujii Y, Uemura A, Toyooka H. Flumazenil recovers diaphragm muscle dysfunction caused by midazolam in dogs. <i>Anesth. Analg.</i> 2002;95:944-7
25. Fujii Y, Uemura A, Toyooka H. The effect of inhaled colforsin daropate on contractility of fatigued diaphragm in dogs. <i>Anesth. Analg.</i> 2003;96:1032-4

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27. Fujii Y, Uemura A, Toyooka H. Midazolam-induced muscle dysfunction and its recovery in fatigued diaphragm in dogs. <i>Anesth. Analg.</i> 2003;97:755-8
28. Fujii Y, Uemura A, Toyooka H. The recovery profile of reduced diaphragmatic contractility induced by propofol in dogs. <i>Anesth. Analg.</i> 2004;99:113-6
29. Fujii Y, Uemura A. The effects of different dobutamine infusion rates on hypercapnic depression of diaphragmatic contractility in pentobarbital-anesthetized dogs. <i>Anesth. Analg.</i> 2007;105:1379-84*
30. Fujii Y. Diltiazem or verapamil attenuates cardiovascular responses to tracheal intubation in hypertensive patients. <i>Anesthesia and Resuscitation</i> 2001;37:21-3
31. Fujii Y. Jiachiruzemu does not affect the force of contraction of the diaphragm and EMG fatigue. <i>Anesthesia and Resuscitation</i> 2006;42:1-3*
32. Fujii Y. Effective dose of propofol at small dose for preventing postoperative nausea and vomiting in patients undergoing laparoscopic cholecystectomy. <i>Anesthesia and Resuscitation</i> 2006;42:17-9
33. Fujii Y, Uemura A. No Beneficial Effect of Neostigmine Pretreatment on Diaphragmatic Fatigue in Pentobarbital-Anesthetized Dogs. <i>Anesthesia and Resuscitation</i> 2006;42:49-51*
34. Fujii Y, Uemura A. Low-Dose of Diazepam, but not Midazolam, Delays Recovery from Diaphragm Muscle Dysfunction in Dogs. <i>Anesthesia and Resuscitation</i> 2007;43:47-50*
※ 35. Fujii Y, Tanaka H, Kawasaki T. Prophylaxis with oral granisetron for the prevention of nausea and vomiting after laparoscopic cholecystectomy: a prospective randomised study. <i>Archives of Surgery</i> 2001;136:101-4
36. Fujii Y, Toyooka H, Tanaka H. Granisetron reduces the incidence of nausea and vomiting after middle ear surgery. <i>Br J Anaesth</i> 1997;79:539-40
37. Fujii Y, Toyooka H, Tanaka H. Prevention of postoperative nausea and vomiting in female patients during menstruation: comparison of droperidol, metoclopramide and granisetron. <i>Br J Anaesth</i> 1998;80:248-9
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40. Fujii Y, Toyooka H, Tanaka H. Oral granisetron prevents postoperative vomiting in children. <i>Br J Anaesth</i> 1998;81:390-2
41. Fujii Y, Saitoh Y, Tanaka H, Toyooka H. Prophylactic antiemetic therapy with granisetron in women undergoing thyroidectomy. <i>Br J Anaesth</i> 1998;81:526-8
42. Fujii Y, Toyooka H, Tanaka H. Prophylactic antiemetic therapy with a combination of granisetron and dexamethasone in patients undergoing middle ear surgery. <i>Br J Anaesth</i> 1998;81:754-6
43. Fujii Y, Toyooka H. Midazolam versus propofol for reducing contractility of fatigued canine diaphragm. <i>Br J Anaesth</i> 2001;86:879-81
44. Uemura A, Fujii Y, Toyooka H. Inhaled olprinone improves contractility of fatigued canine diaphragm. <i>Br J Anaesth</i> 2002;88:408-11
45. Fujii Y, Toyooka H, Tanaka H. Cardiovascular responses to tracheal extubation or LMA removal in normotensive and hypertensive patients. <i>Can J Anaesth</i> 1997;44:1082-6
46. Fujii Y, Toyooka H, Tanaka H. Prevention of PONV with granisetron, droperidol and metoclopramide in female patients with history of motion sickness. <i>Can J Anaesth</i> 1997;44:820-4
47. Fujii Y, Saitoh Y, Tanaka H, Toyooka H. Prevention of PONV with granisetron, droperidol or metoclopramide in patients with postoperative emesis. <i>Can J Anaesth</i> 1998;45:153-6
48. Fujii Y, Saitoh Y, Tanaka H, Toyooka H. Cardiovascular responses to tracheal extubation or LMA removal in children. <i>Can J Anaesth</i> 1998;45:178-81
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52. Takahashi S, Fujii Y, Inomata S, Miyabe M, Toyooka H. Landiolol decreases a dysrhythmogenic dose of epinephrine in dogs during halothane anesthesia. <i>Can J Anaesth</i> 1999;46:599-604
53. Fujii Y, Saitoh Y, Takahashi S, Toyooka H. Combined diltiazem and lidocaine reduces cardiovascular responses to tracheal extubation and anesthesia emergence in hypertensive patients. <i>Can J Anaesth</i> 1999;46:952-6
54. Fujii Y, Saitoh Y, Tanaka H, Toyooka H. Ramosetron vs granisetron for the prevention of postoperative nausea and vomiting after laparoscopic cholecystectomy. <i>Can J Anaesth</i> 1999;46:991-3
55. Fujii Y, Toyooka H. Different effects of olprinone on contractility in nonfatigued and fatigued diaphragm in dogs. <i>Can J Anaesth</i> 2000;47:1243-8
56. Takahashi S, Fujii Y, Hoshi T, Inomata S, Miyabe M, Toyooka H. Modifications of the hemodynamic consequences of theophylline intoxication with landiolol in halothane-anesthetized dogs. <i>Can J Anaesth</i> 2000;47:265-72
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59. Nakano M, Fujii Y. Prevention of nausea and vomiting after dental surgery:a comparison of small doses of propofol, droperidol, and metoclopramide. <i>Can J Anaesth</i> 2003;50:1085
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61. Fujii Y. Pretreatment with flurbiprofen axetil and venous occlusion to reduce pain during injection of propofol. <i>Can J Anaesth</i> 2004;51:1047-8
62. Numazaki M, Fujii Y. Antiemetic efficacy of propofol at small doses for reducing nausea and vomiting following thyroidectomy. <i>Can J Anaesth</i> 2005;52:333-4
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※ 64. Fujii Y. Combination Antiemetic Regimens for Prevention of Postoperative Nausea and Vomiting Focus on High Risk Patients. <i>Clin Drug Investig</i> 2002;22:561-574*
65. Fujii Y, Nakayama M. Reduction of Propofol-Induced Pain through Pretreatment with Lidocaine and/or Flurbiprofen. <i>Clin Drug Investig</i> 2004;24:749-53
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67. Fujii Y, Shiga Y. Age-related differences in metoclopramide requirement for pain on injection of propofol. <i>Clin Drug Investig</i> 2006;26:639-44
68. Fujii Y, Tanaka H, Kawasaki T. Effects of granisetron in the treatment of nausea and vomiting after laparoscopic cholecystectomy:a dose-ranging study. <i>Clin Ther</i> 2004;26:1055-60
69. Fujii Y, Numazaki M. Randomized, double-blind comparison of subhypnotic-dose propofol alone and combined with dexamethasone for emesis in parturients undergoing cesarean delivery. <i>Clin Ther</i> 2004;26:1286-91
70. Fujii Y, Shiga Y. Flurbiprofen axetil preceded by venous occlusion in the prevention of pain on propofol injection in the hand:a prospective, randomized, double-blind, vehicle-controlled, dose-finding study in Japanese adult surgical patients. <i>Clin Ther</i> 2005;27:588-93
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Review article

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77. Fujii Y, Saitoh Y, Tanaka H, Toyooka H. Anti-emetic efficacy of prophylactic granisetron compared with perphenazine for the prevention of post-operative vomiting in children. <i>Eur J Anaesthesiol</i> 1999;16:304-7
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82. Fujii Y. Effects of diltiazem compared with nicardipine on diaphragmatic fatigability in vivo. <i>Eur J Anaesthesiol</i> 2003;20:575-6
83. Fujii Y, Nakayama M. Dexamethasone for reduction of nausea, vomiting and analgesic use after gynecological laparoscopic surgery. <i>Int J Gynaecol Obstet</i> 2008;100:27-30
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88. Fujii Y, Shiga Y. Influence of aging on lidocaine requirements for pain on injection of propofol. <i>J Clin Anesth</i> 2006;18:526-9
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Review article

※ №35、64、85 exclude

* manuscript not in the Carlisle analysis

論文

- No追 1. 藤井善隆: ジルチアゼムの横隔膜収縮力及び横隔膜筋電図に及ぼす影響. 麻酔 52:1327-1331, 2003
- No追 2. Fujii Y. Treatment of diaphragmatic fatigue with inhaled aminophylline therapy in an experimental canine model: an open-label, dose-ranging, pharmacologic study. Current Therapeutic Research 2003;64:725-732
- No追 3. Fujii Y. Comparative effects of dopamine and dobutamine on hypercapnic depression of diaphragmatic contractility in dogs. Pulmonary Pharmacology and Therapeutics 2004;17:289-292
- No追 4. Fujii Y. Inhaled milrinone for improvement of contractility of fatigued diaphragm in dogs: a dose-ranging study Pulmonary Pharmacology and Therapeutics 2004;17:57-60
- No追 5. Fujii Y. Effects of diaphragmatic function and recovery in pentobarbital-anesthetized dogs: an open-label, dose-finding, pharmacologic study. Current Therapeutic Research 2005;66:401-408
- No追 6. Fujii Y. Olprinone/dopamine combination for improving diaphragmatic fatigue in pentobarbital-anesthetized dogs. Current Therapeutic Research 2006;67:204-213