

Ofirmev Reference Bibliography

This bibliography lists all identified manuscripts from PubMed of Randomized Controlled Clinical Trials using intravenous acetaminophen (also known as paracetamol, especially outside the US).

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1. Abd-El-Maeboud KH, Elbohuty AE, Mohammed WE, Elgamel HM, Ali WA. Intravenous infusion of paracetamol for intrapartum analgesia. *J Obstet Gynaecol Res.* 2014;40(11):2152-2157. [Link](#)
2. Abdollahi MH, Mojibian M, Pishgahi A, et al. Intravenous paracetamol versus intramuscular pethidine in relief of labour pain in primigravid women. *Niger Med J.* 2014;55(1):54-57. [Link](#)
3. Abdulla S, Eckhardt R, Netter U, Abdulla W. Randomized, double-blind, placebo-controlled study to assess the efficacy of nonopioid analgesics on pain following arthroscopic knee surgery. *Pain Res Treat.* 2012;2012:305821. [Link](#)
4. Abdulla S, Eckhardt R, Netter U, Abdulla W. Efficacy of three IV non-opioid-analgesics on opioid consumption for postoperative pain relief after total thyroidectomy: A randomised, double-blind trial. *Middle East J Anaesthesiol.* 2012;21(4):543-52. [Link](#)
5. Abdulla S, Eckhardt R, Netter U, Abdulla W. A randomized, double-blind, controlled trial on non-opioid analgesics and opioid consumption for postoperative pain relief after laparoscopic cholecystectomy. *Acta Anaesthesiol Belg.* 2012;63(1):43-50. [Link](#)
6. Acmaz G, Aksoy H, Ozoglu N, Aksoy U, Albayrak E. Effect of paracetamol, dexketoprofen trometamol, lidocaine spray, and paracervical block application for pain relief during suction termination of first-trimester pregnancy. *Biomed Res Int.* 2013;2013:869275. [Link](#)
7. Ahmadi A, Amri P, Shokri J, Hajian K. Comparison of the analgesic effect of intravenous paracetamol/midazolam and fentanyl in preparation of patients for colonoscopy: A double blind randomized clinical trial. *Caspian J Intern Med.* 2015;6(2):87-92. [Link](#)
8. Akcali GE, Iskender A, Demiraran Y, et al. Randomized comparison of efficacy of paracetamol, lornoxicam, and tramadol representing three different groups of analgesics for pain control in extracorporeal shockwave lithotripsy. *J Endourol.* 2010;24(4):615-20. [Link](#)
9. Akil A, Api O, Bektas Y, Yilmaz AO, Yalti S, Unal O. Paracetamol vs dexketoprofen for perineal pain relief after episiotomy or perineal tear. *J Obstet Gynaecol.* 2014;34(1):25-28. [Link](#)
10. Aksel G, Guler S, Dogan NO, Corbacioglu SK. A randomized trial comparing intravenous paracetamol, topical lidocaine, and ice application for treatment of pain associated with scorpion stings. *Hum Exp Toxicol.* 2015;34(6):662-667. [Link](#)
11. Alhashemi JA, Daghistani MF. Effect of intraoperative intravenous acetaminophen vs. intramuscular meperidine on pain and discharge time after paediatric dental restoration. *Eur J Anaesthesiol.* 2007;24(2):128-33. [Link](#)
12. Alhashemi JA, Daghistani MF. Effects of intraoperative I.V. acetaminophen vs I.M. meperidine on post-tonsillectomy pain in children. *Br J Anaesth.* 2006;96(6):790-5. [Link](#)
13. Alhashemi JA, Alotaibi QA, Mashaat MS, Kaid TM, Mujallid RH, Kaki AM. Intravenous acetaminophen vs oral ibuprofen in combination with morphine PCIA after cesarean delivery. *Can J Anaesth.* 2006;53(12):1200-1206. [Link](#)
14. Ali MA, Shamim F, Chughtai S. Comparison between intravenous paracetamol and fentanyl for intraoperative and postoperative pain relief in dilatation and evacuation: Prospective, randomized interventional trial. *J Anaesthesiol Clin Pharmacol.* 2015;31(1):54-58. [Link](#)
15. Apfel CC, Souza K, Portillo J, Dalal P, Bergese SD. Patient satisfaction with intravenous acetaminophen: A pooled analysis of five randomized, placebo-controlled studies in the acute postoperative setting. *J Healthc Qual.* 2015;37(3):155-62. [Link](#)
16. Apfel CC, Turan A, Souza K, Pergolizzi J, Hornuss C. Intravenous acetaminophen reduces postoperative nausea and vomiting: A systematic review and meta-analysis. *Pain.* 2013;154(5):677-89. [Link](#)
17. Api O, Unal O, Ugurel V, Emeksiz MB, Turan C. Analgesic efficacy of intravenous paracetamol for outpatient fractional curettage: A randomised, controlled trial. *Int J Clin Pract.* 2009;63(1):105-11. [Link](#)
18. Arici S, Gurbet A, Turker G, Yavascaoglu B, Sahin S. Preemptive analgesic effects of intravenous paracetamol in total abdominal hysterectomy. *Agri.* 2009;21(2):54-61. [Link](#)

19. Arslan M, Celep B, Cicek R, Kalender HU, Yilmaz H. Comparing the efficacy of preemptive intravenous paracetamol on the reducing effect of opioid usage in cholecystectomy. *J Res Med Sci.* 2013;18(3):172-7. [Link](#)
20. Arslan M, Cicek R, Celep B, Yilmaz H, Ustun Kalender H. Comparison of the analgesic effects of intravenous paracetamol and lornoxicam in postoperative pain following thyroidectomies. *Agri.* 2011;23(4):160-166. [Link](#)
21. Atef A, Fawaz AA. Intravenous paracetamol is highly effective in pain treatment after tonsillectomy in adults. *Eur Arch Otorhinolaryngol.* 2008;265(3):351-5. [Link](#)
22. Ayatollahi V, Faghihi S, Behdad S, Heiranizadeh N, Baghianimoghadam B. Effect of preoperative administration of intravenous paracetamol during cesarean surgery on hemodynamic variables relative to intubation, postoperative pain and neonatal apgar. *Acta Clin Croat.* 2014;53(3):272-278. [Link](#)
23. Azizkhani R, Pourafzali SM, Baloochestani E, Masoumi B. Comparing the analgesic effect of intravenous acetaminophen and morphine on patients with renal colic pain referring to the emergency department: A randomized controlled trial. *J Res Med Sci.* 2013;18(9):772-776. [Link](#)
24. Baygin O, Tuzuner T, Isik B, Kusgoz A, Tanriver M. Comparison of pre-emptive ibuprofen, paracetamol, and placebo administration in reducing post-operative pain in primary tooth extraction. *Int J Paediatr Dent.* 2011;21(4):306-13. [Link](#)
25. Bektas F, Eken C, Karadeniz O, Goksu E, Cubuk M, Cete Y. Intravenous paracetamol or morphine for the treatment of renal colic: A randomized, placebo-controlled trial. *Ann Emerg Med.* 2009;54(4):568-74. [Link](#)
26. Billings FT, Petracek MR, Roberts LJ, Pretorius M. Perioperative intravenous acetaminophen attenuates lipid peroxidation in adults undergoing cardiopulmonary bypass: A randomized clinical trial. *PLoS One.* 2015;10(2):e0117625. [Link](#)
27. Borazan H, Erdem TB, Kececioglu M, Otelcioglu S. Prevention of pain on injection of propofol: A comparison of lidocaine with different doses of paracetamol. *Eur J Anaesthesiol.* 2010;27(3):253-7. [Link](#)
28. Borisov DB, Levin AV, Uvarov DN, Kapanadze LG, Nedashkovskii EV. Balanced postoperative analgesia in abdominal surgery: Efficiency of the combined use of epidural block and non-opioid analgesics. *Anesteziol Reanimatol.* 2009;2(2):35-37. [Link](#)
29. Borisov DB, Levin AV, Vyl'iurov IV, Sokolov AV, Nedashkovskii EV. Efficiency of preemptive intravenous paracetamol analgesia in abdominal surgery. *Anesteziol Reanimatol.* 2007;5(5):38-40. [Link](#)
30. Brett CN, Barnett SG, Pearson J. Postoperative plasma paracetamol levels following oral or intravenous paracetamol administration: A double-blind randomised controlled trial. *Anaesth Intensive Care.* 2012;40(1):166-171. [Link](#)
31. Brodner G, Gogarten W, Van Aken H, et al. Efficacy of intravenous paracetamol compared to dipyron and parecoxib for postoperative pain management after minor-to-intermediate surgery: A randomised, double-blind trial. *Eur J Anaesthesiol.* 2011;28(2):125-32. [Link](#)
32. Cakan T, Inan N, Culhaoglu S, Bakkal K, Basar H. Intravenous paracetamol improves the quality of postoperative analgesia but does not decrease narcotic requirements. *J Neurosurg Anesthesiol.* 2008;20(3):169-73. [Link](#)
33. Caliskan E, Sener M, Kocum A, Ozyilkan NB, Ezer SS, Aribogan A. The efficacy of intravenous paracetamol versus dipyron for postoperative analgesia after day-case lower abdominal surgery in children with spinal anesthesia: A prospective randomized double-blind placebo-controlled study. *BMC Anesthesiol.* 2013;13(1):34-34. [Link](#)
34. Canbay O, Celebi N, Arun O, Karagoz AH, Saricaoglu F, Ozgen S. Efficacy of intravenous acetaminophen and lidocaine on propofol injection pain. *Br J Anaesth.* 2008;100(1):95-8. [Link](#)
35. Candiotti KA, Bergese SD, Viscusi ER, Singla SK, Royal MA, Singla NK. Safety of multiple-dose intravenous acetaminophen in adult inpatients. *Pain Med.* 2010;11(12):1841-8. [Link](#)
36. Capici F, Ingelmo PM, Davidson A, et al. Randomized controlled trial of duration of analgesia following intravenous or rectal acetaminophen after adenotonsillectomy in children. *Br J Anaesth.* 2008;100(2):251-5. [Link](#)
37. Cattabriga I, Pacini D, Lamazza G, et al. Intravenous paracetamol as adjunctive treatment for postoperative pain after cardiac surgery: A double blind randomized controlled trial. *Eur J Cardiothorac Surg.* 2007;32(3):527-31. [Link](#)

38. Ceelie I, de Wildt SN, van Dijk M, et al. Effect of intravenous paracetamol on postoperative morphine requirements in neonates and infants undergoing major noncardiac surgery: A randomized controlled trial. *JAMA*. 2013;309(2):149-154. [Link](#)
39. Choudhuri AH, Uppal R. A comparison between intravenous paracetamol plus fentanyl and intravenous fentanyl alone for postoperative analgesia during laparoscopic cholecystectomy. *Anesth Essays Res*. 2011;5(2):196-200. [Link](#)
40. Cok OY, Eker HE, Pelit A, et al. The effect of paracetamol on postoperative nausea and vomiting during the first 24 h after strabismus surgery: A prospective, randomised, double-blind study. *Eur J Anaesthesiol*. 2011;28(12):836-41. [Link](#)
41. Cornesse D, Senard M, Hans GA, et al. Comparison between two intraoperative intravenous loading doses of paracetamol on pain after minor hand surgery: Two grams versus one gram. *Acta Chir Belg*. 2010;110(5):529-32. [Link](#)
42. Craig M, Jeavons R, Probert J, Bengler J. Randomised comparison of intravenous paracetamol and intravenous morphine for acute traumatic limb pain in the emergency department. *Emerg Med J*. 2012;29(1):37-9. [Link](#)
43. Danelli G, Bonarelli S, Tognu A, et al. Prospective randomized comparison of ultrasound-guided and neurostimulation techniques for continuous interscalene brachial plexus block in patients undergoing coracoacromial ligament repair. *Br J Anaesth*. 2012;108(6):1006-10. [Link](#)
44. De Oliveira GS Jr, Castro-Alves LJ, McCarthy RJ. Single-dose systemic acetaminophen to prevent postoperative pain: A meta-analysis of randomized controlled trials. *Clin J Pain*. 2015;31(1):86-93. [Link](#)
45. Divella M, Cecconi M, Fasano N, et al. Pain relief after total hip replacement: Oral CR oxycodone plus IV paracetamol versus epidural levobupivacaine and sufentanil. A randomized controlled trial. *Minerva Anesthesiol*. 2012;78(5):534-541. [Link](#)
46. Duhamel JF, Le Gall E, Dalphin ML, Payen-Champenois C. Antipyretic efficacy and safety of a single intravenous administration of 15 mg/kg paracetamol versus 30 mg/kg propacetamol in children with acute fever due to infection. *Int J Clin Pharmacol Ther*. 2007;45(4):221-229. [Link](#)
47. Durak P, Yagar S, Uzuner A, Kilic M, Dilber E, Ozgok A. Postoperative pain therapy after laparoscopic cholecystectomy: Paracetamol versus diclofenac. *Agri*. 2010;22(3):117-120. [Link](#)
48. Eftekharian H, Tabrizi R, Kazemi H, Nili M. Evaluation of a single dose intravenous paracetamol for pain relief after maxillofacial surgery: A randomized clinical trial study. *J Maxillofac Oral Surg*. 2014;13(4):478-82. [Link](#)
49. Eken C, Serinken M, Elicabuk H, Uyanik E, Erdal M. Intravenous paracetamol versus dexketoprofen versus morphine in acute mechanical low back pain in the emergency department: A randomised double-blind controlled trial. *Emerg Med J*. 2014;31(3):177-81. [Link](#)
50. Eker HE, Cok OY, Ergenoglu P, Aribogan A, Arslan G. IV paracetamol effect on propofol-ketamine consumption in paediatric patients undergoing ESWL. *J Anesth*. 2012;26(3):351-6. [Link](#)
51. Elbohoty AE, Abd-Elrazek H, Abd-El-Gawad M, Salama F, El-Shorbagy M, Abd-El-Maeboud KH. Intravenous infusion of paracetamol versus intravenous pethidine as an intrapartum analgesic in the first stage of labor. *Int J Gynaecol Obstet*. 2012;118(1):7-10. [Link](#)
52. El-Fattah AM, Ramzy E. Pre-emptive triple analgesia protocol for tonsillectomy pain control in children: Double-blind, randomised, controlled, clinical trial. *J Laryngol Otol*. 2013;127(4):383-91. [Link](#)
53. Elseify ZA, El-Khattab SO, Khattab AM, Atta EM, Ajjoub LF. Combined parecoxib and I.V. paracetamol provides additional analgesic effect with better postoperative satisfaction in patients undergoing anterior cruciate ligament reconstruction. *Saudi J Anaesth*. 2011;5(1):45-9. [Link](#)
54. Emir E, Serin S, Erbay RH, Sungurtekin H, Tomatir E. Tramadol versus low dose tramadol-paracetamol for patient controlled analgesia during spinal vertebral surgery. *Kaohsiung J Med Sci*. 2010;26(6):308-15. [Link](#)
55. Eremenko AA, Kuslieva EV. Analgesic and opioid-sparing effects of intravenous paracetamol in the early period after aortocoronary bypass surgery. *Anesteziol Reanimatol*. 2008;-5(5):11-14. [Link](#)
56. Ergenoglu P, Akin S, Yalcin Cok O, et al. Effect of intraoperative paracetamol on catheter-related bladder discomfort: A prospective, randomized, double-blind study. *Curr Ther Res Clin Exp*. 2012;73(6):186-94. [Link](#)

57. Esmailian M, Moshiri R, Zamani M. Comparison of the analgesic effect of intravenous acetaminophen and morphine sulfate in rib fracture; a randomized double-blind clinical trial. *Emergency*. 2015;3(3):99-102. [Link](#)
58. Evron S, Ezri T, Protianov M, et al. The effects of remifentanyl or acetaminophen with epidural ropivacaine on body temperature during labor. *J Anesth*. 2008;22(2):105-11. [Link](#)
59. Faiz HR, Rahimzadeh P, Visnjevac O, Behzadi B, Ghodratty MR, Nader ND. Intravenous acetaminophen is superior to ketamine for postoperative pain after abdominal hysterectomy: Results of a prospective, randomized, double-blind, multicenter clinical trial. *J Pain Res*. 2014;7:65-70. [Link](#)
60. Faiz SH, Rahimzadeh P, Alebouyeh MR, Sedaghat M. A randomized controlled trial on analgesic effects of intravenous acetaminophen versus dexamethasone after pediatric tonsillectomy. *Iran Red Crescent Med J*. 2013;15(11):e9267-e9267. [Link](#)
61. Faridaalae G, Rahmani SH, Mehryar H, et al. Comparison of intravenous metoclopramide and acetaminophen in primary headaches: A randomized controlled trial. *Emerg (Tehran)*. 2015;3(2):70-74. [Link](#)
62. Fearon JA, Dimas V, Dittthakasem K, Herbert MA. A randomized controlled trial of oral versus intravenous administration of a nonnarcotic analgesia protocol following pediatric craniosynostosis corrections on nausea and vomiting rates. *J Craniofac Surg*. 2015;26(6):1951-3. [Link](#)
63. Fenlon S, Collyer J, Giles J, et al. Oral vs intravenous paracetamol for lower third molar extractions under general anaesthesia: Is oral administration inferior? *Br J Anaesth*. 2013;110(3):432-7. [Link](#)
64. Filitz J, Ihmsen H, Gunther W, et al. Supra-additive effects of tramadol and acetaminophen in a human pain model. *Pain*. 2008;136(3):262-270. [Link](#)
65. Gehling M, Arndt C, Eberhart LH, Koch T, Kruger T, Wulf H. Postoperative analgesia with parecoxib, acetaminophen, and the combination of both: A randomized, double-blind, placebo-controlled trial in patients undergoing thyroid surgery. *Br J Anaesth*. 2010;104(6):761-7. [Link](#)
66. Gokten OE, Kilicarslan H, Dogan HS, Turker G, Kordan Y. Efficacy of levobupivacaine infiltration to nephrostomy tract in combination with intravenous paracetamol on postoperative analgesia in percutaneous nephrolithotomy patients. *J Endourol*. 2011;25(1):35-9. [Link](#)
67. Gousheh SM, Nesioonpour S, Javaher Foroosh F, Akhondzadeh R, Sahafi SA, Alizadeh Z. Intravenous paracetamol for postoperative analgesia in laparoscopic cholecystectomy. *Anesth Pain Med*. 2013;3(1):214-8. [Link](#)
68. Grissa MH, Claessens YE, Bouida W, et al. Paracetamol vs piroxicam to relieve pain in renal colic. results of a randomized controlled trial. *Am J Emerg Med*. 2011;29(2):203-6. [Link](#)
69. Grundmann U, Wornle C, Biedler A, Kreuer S, Wrobel M, Wilhelm W. The efficacy of the non-opioid analgesics parecoxib, paracetamol and metamizol for postoperative pain relief after lumbar microdiscectomy. *Anesth Analg*. 2006;103(1):217-22. [Link](#)
70. Gunusen I, Karaman S, Acar A, Sargin A, Firat V. The efficacy of paracetamol versus tenoxicam on postoperative pain and morphine consumption after abdominal hysterectomy: A placebo-controlled, randomized study. *Clin Exp Obstet Gynecol*. 2012;39(1):49-52. [Link](#)
71. Haddadi S, Marzban S, Karami MS, Heidarzadeh A, Parvizi A, Naderi Nabi B. Comparing the duration of the analgesic effects of intravenous and rectal acetaminophen following tonsillectomy in children. *Anesth Pain Med*. 2014;4(1):e13175. [Link](#)
72. Haliloglu AH, Gokce MI, Tangal S, Boga MS, Tapar H, Aladag E. Comparison of postoperative analgesic efficacy of penile block, caudal block and intravenous paracetamol for circumcision: A prospective randomized study. *Int Braz J Urol*. 2013;39(4):551-7. [Link](#)
73. Hiller A, Helenius I, Nurmi E, et al. Acetaminophen improves analgesia but does not reduce opioid requirement after major spine surgery in children and adolescents. *Spine (Phila Pa 1976)*. 2012;37(20):E1225-31. [Link](#)
74. Honarmand H, Abdollahi M, Ahmadi A, et al. Randomized trial of the effect of intravenous paracetamol on inflammatory biomarkers and outcome in febrile critically ill adults. *Daru*. 2012;20(1):12 1-7. [Link](#)
75. Hong JY, Kim WO, Chung WY, Yun JS, Kil HK. Paracetamol reduces postoperative pain and rescue analgesic demand after robot-assisted endoscopic thyroidectomy by the transaxillary approach. *World J Surg*. 2010;34(3):521-6. [Link](#)

76. Hong JY, Kim WO, Koo BN, Cho JS, Suk EH, Kil HK. Fentanyl-sparing effect of acetaminophen as a mixture of fentanyl in intravenous parent-/nurse-controlled analgesia after pediatric ureteroneocystostomy. *Anesthesiology*. 2010;113(3):672-7. [Link](#)
77. Hong JY, Won Han S, Kim WO, Kil HK. Fentanyl sparing effects of combined ketorolac and acetaminophen for outpatient inguinal hernia repair in children. *J Urol*. 2010;183(4):1551-5. [Link](#)
78. Idehen HO, Edowmonyi NP, Imarengiaye CA, Kute MO. A comparative study of a combination of paracetamol infusion (Perfalgan) and intramuscular diclofenac versus intravenous pethidine, in the management of post caesarean pain. *Niger Postgrad Med J*. 2015;22(1):50-55. [Link](#)
79. Ing Lorenzini K, Besson M, Daali Y, Salomon D, Dayer P, Desmeules J. A randomized, controlled trial validates a peripheral supra-additive antihyperalgesic effect of a paracetamol-ketorolac combination. *Basic Clin Pharmacol Toxicol*. 2011;109(5):357-64. [Link](#)
80. Jahangiri Fard A, Babaee T, Alavi SM, et al. Intravenous patient-controlled remifentanyl versus paracetamol in post-operative pain management in patients undergoing coronary artery bypass graft surgery. *Anesth Pain Med*. 2014;4(5):e19862-e19862. [Link](#)
81. Jeon Y, Baek SU, Park SS, Kim SO, Baek WY, Yeo JS. Effect of pretreatment with acetaminophen on withdrawal movements associated with injection of rocuronium: A prospective, randomized, double-blind, placebo controlled study. *Korean J Anesthesiol*. 2010;59(1):13-6. [Link](#)
82. Jokela R, Ahonen J, Seitsonen E, Marjakangas P, Korttila K. The influence of ondansetron on the analgesic effect of acetaminophen after laparoscopic hysterectomy. *Clin Pharmacol Ther*. 2010;87(6):672-678. [Link](#)
83. Juhl GI, Norholt SE, Tonnesen E, Hiesse-Provost O, Jensen TS. Analgesic efficacy and safety of intravenous paracetamol (acetaminophen) administered as a 2 g starting dose following third molar surgery. *Eur J Pain*. 2006;10(4):371-7. [Link](#)
84. Kampe S, Warm M, Landwehr S, et al. Clinical equivalence of IV paracetamol compared to IV dipyrone for postoperative analgesia after surgery for breast cancer. *Curr Med Res Opin*. 2006;22(10):1949-54. [Link](#)
85. Kaur Makkar J, Jain K, Bhatia N, Jain V, Mal Mithrawal S. Comparison of analgesic efficacy of paracetamol and tramadol for pain relief in active labor. *J Clin Anesth*. 2015;27(2):159-163. [Link](#)
86. Kaynar M, Koyuncu F, Buldu I, et al. Comparison of the efficacy of diclofenac, acupuncture, and acetaminophen in the treatment of renal colic. *Am J Emerg Med*. 2015;33(6):749-753. [Link](#)
87. Kempainen T, Kokki H, Tuomilehto H, Seppa J, Nuutinen J. Acetaminophen is highly effective in pain treatment after endoscopic sinus surgery. *Laryngoscope*. 2006;116(12):2125-2128. [Link](#)
88. Kett DH, Breitmeyer JB, Ang R, Royal MA. A randomized study of the efficacy and safety of intravenous acetaminophen vs. intravenous placebo for the treatment of fever. *Clin Pharmacol Ther*. 2011;90(1):32-9. [Link](#)
89. Khalili G, Janghorbani M, Saryazdi H, Emaminejad A. Effect of preemptive and preventive acetaminophen on postoperative pain score: A randomized, double-blind trial of patients undergoing lower extremity surgery. *J Clin Anesth*. 2013;25(3):188-92. [Link](#)
90. Kilicaslan A, Tuncer S, Yucaektas A, Uyar M, Reisli R. [The effects of intravenous paracetamol on postoperative analgesia and tramadol consumption in cesarean operations]. *Agri*. 2010;22(1):7-12. [Link](#)
91. Ko MJ, Lee JH, Cheong SH, et al. Comparison of the effects of acetaminophen to ketorolac when added to lidocaine for intravenous regional anesthesia. *Korean J Anesthesiol*. 2010;58(4):357-61. [Link](#)
92. Kocum A, Sener M, Izmirli H, Haydardedeoglu B, Aribogan A. [Efficacy of intravenous dexketoprofen trometamol compared to intravenous paracetamol for postoperative pain management after day-case operative hysteroscopy: Randomized, double-blind, placebo-controlled study]. *Agri Derg*. 2014;26(1):15-22. [Link](#)
93. Kocum AI, Sener M, Caliskan E, et al. Intravenous paracetamol and dipyrone for postoperative analgesia after day-case tonsillectomy in children: A prospective, randomized, double blind, placebo controlled study. *Braz J Otorhinolaryngol*. 2013;79(1):89-94. [Link](#)
94. Kokki M, Broms S, Eskelinen M, Neuvonen PJ, Halonen T, Kokki H. The analgesic concentration of oxycodone with co-administration of paracetamol -- a dose-finding study in adult patients undergoing laparoscopic cholecystectomy. *Basic Clin Pharmacol Toxicol*. 2012;111(6):391-395. [Link](#)

95. Kolahdouzan K, Eydi M, Mohammadipour Anvari H, et al. Comparing the efficacy of intravenous acetaminophen and intravenous meperidine in pain relief after outpatient urological surgery. *Anesth Pain Med.* 2014;4(5):e20337-e20337. [Link](#)
96. Koppert W, Frotsch K, Huzurudin N, et al. The effects of paracetamol and parecoxib on kidney function in elderly patients undergoing orthopedic surgery. *Anesth Analg.* 2006;103(5):1170-6. [Link](#)
97. Korkmaz Dilmen O, Tunali Y, Cakmakkaya OS, et al. Efficacy of intravenous paracetamol, metamizol and lornoxicam on postoperative pain and morphine consumption after lumbar disc surgery. *Eur J Anaesthesiol.* 2010;27(5):428-32. [Link](#)
98. Koteswara CM, D S. A study on pre-emptive analgesic effect of intravenous paracetamol in functional endoscopic sinus surgeries (FESSs): A randomized, double-blinded clinical study. *J Clin Diagn Res.* 2014;8(1):108-11. [Link](#)
99. Kouchek M, Mansouri B, Mokhtari M, Goharani R, Miri MM, Sistanizad M. A comparative study of intravenous paracetamol and fentanyl for pain management in ICU. *Iran J Pharm Res.* 2013;12(1):193-198. [Link](#)
100. Lallar M, Anam HU, Nandal R, Singh SP, Katyal S. Intravenous paracetamol infusion versus intramuscular tramadol as an intrapartum labor analgesic. *J Obstet Gynaecol India.* 2015;65(1):17-22. [Link](#)
101. Landwehr S, Kiencke P, Giesecke T, Eggert D, Thumann G, Kampe S. A comparison between IV paracetamol and IV metamizol for postoperative analgesia after retinal surgery. *Curr Med Res Opin.* 2005;21(10):1569-75. [Link](#)
102. Lee SY, Lee WH, Lee EH, Han KC, Ko YK. The effects of paracetamol, ketorolac, and paracetamol plus morphine on pain control after thyroidectomy. *Korean J Pain.* 2010;23(2):124-30. [Link](#)
103. Leinisch E, Evers S, Kaempfe N, et al. Evaluation of the efficacy of intravenous acetaminophen in the treatment of acute migraine attacks: A double-blind, placebo-controlled parallel group multicenter study. *Pain.* 2005;117(3):396-400. [Link](#)
104. Machoki MS, Millar AJ, Albetyn H, Cox SG, Thomas J, Numanoglu A. Local anesthetic wound infusion versus standard analgesia in paediatric post-operative pain control. *Pediatr Surg Int.* 2015;31(11):1087-1097. [Link](#)
105. Maghsoudi R, Tabatabai M, Radfar MH, et al. Opioid-sparing effect of intravenous paracetamol after percutaneous nephrolithotomy: A double-blind randomized controlled trial. *J Endourol.* 2014;28(1):23-27. [Link](#)
106. Majumdar S, Das A, Kundu R, Mukherjee D, Hazra B, Mitra T. Intravenous paracetamol infusion: Superior pain management and earlier discharge from hospital in patients undergoing palliative head-neck cancer surgery. *Perspect Clin Res.* 2014;5(4):172-7. [Link](#)
107. Marty J, Benhamou D, Chassard D, et al. Effects of single-dose injectable paracetamol versus propacetamol in pain management after minor gynecologic surgery: A multicenter, randomized, double-blind, active-controlled, two-parallel-group study. *Curr Ther Res Clin Exp.* 2005;66(4):294-306. [Link](#)
108. Masoumi K, Forouzan A, Asgari Darian A, Feli M, Barzegari H, Khavanin A. Comparison of clinical efficacy of intravenous acetaminophen with intravenous morphine in acute renal colic: A randomized, double-blind, controlled trial. *Emerg Med Int.* 2014;2014:571326. [Link](#)
109. Maund E, McDaid C, Rice S, Wright K, Jenkins B, Woolacott N. Paracetamol and selective and non-selective non-steroidal anti-inflammatory drugs for the reduction in morphine-related side-effects after major surgery: A systematic review. *Br J Anaesth.* 2011;106(3):292-7. [Link](#)
110. Memis D, Inal MT, Kavalci G, Sezer A, Sut N. Intravenous paracetamol reduced the use of opioids, extubation time, and opioid-related adverse effects after major surgery in intensive care unit. *J Crit Care.* 2010;25(3):458-62. [Link](#)
111. Mitra S, Khandelwal P, Sehgal A. Diclofenac-tramadol vs. diclofenac-acetaminophen combinations for pain relief after caesarean section. *Acta Anaesthesiol Scand.* 2012;56(6):706-711. [Link](#)
112. Moller PL, Juhl GI, Payen-Champenois C, Skoglund LA. Intravenous acetaminophen (paracetamol): Comparable analgesic efficacy, but better local safety than its prodrug, propacetamol, for postoperative pain after third molar surgery. *Anesth Analg.* 2005;101(1):90-6. [Link](#)

113. Moon YE, Lee YK, Lee J, Moon DE. The effects of preoperative intravenous acetaminophen in patients undergoing abdominal hysterectomy. *Arch Gynecol Obstet.* 2011;284(6):1455-60. [Link](#)
114. Mowafi HA, Elmakarim EA, Ismail S, Al-Mahdy M, El-Saflan AE, Elsaid AS. Intravenous lornoxicam is more effective than paracetamol as a supplemental analgesic after lower abdominal surgery: A randomized controlled trial. *World J Surg.* 2012;36(9):2039-2044. [Link](#)
115. Munsterhjelm E, Niemi TT, Ylikorkala O, Neuvonen PJ, Rosenberg PH. Influence on platelet aggregation of I.V. parecoxib and acetaminophen in healthy volunteers. *Br J Anaesth.* 2006;97(2):226-231. [Link](#)
116. Murat I, Baujard C, Foussat C, et al. Tolerance and analgesic efficacy of a new I.V. paracetamol solution in children after inguinal hernia repair. *Paediatr Anaesth.* 2005;15(8):663-670. [Link](#)
117. Ohlsson A, Shah PS. Paracetamol (acetaminophen) for patent ductus arteriosus in preterm or low-birth-weight infants. *Cochrane Database Syst Rev.* 2015;3:CD010061. [Link](#)
118. Ohnesorge H, Bein B, Hanss R, et al. Paracetamol versus metamizol in the treatment of postoperative pain after breast surgery: A randomized, controlled trial. *Eur J Anaesthesiol.* 2009;26(8):648-653. [Link](#)
119. Olonisakin RP, Amanor-Boadu SD, Akinyemi AO. Morphine-sparing effect of intravenous paracetamol for post operative pain management following gynaecological surgery. *Afr J Med Med Sci.* 2012;41(4):429-436. [Link](#)
120. Oncul AM, Cimen E, Kucukyavuz Z, Cambazoglu M. Postoperative analgesia in orthognathic surgery patients: Diclofenac sodium or paracetamol? *Br J Oral Maxillofac Surg.* 2011;49(2):138-41. [Link](#)
121. Oreskovic Z, Bicanic G, Hrabac P, Tripkovic B, Delimar D. Treatment of postoperative pain after total hip arthroplasty: Comparison between metamizol and paracetamol as adjunctive to opioid analgesics-prospective, double-blind, randomised study. *Arch Orthop Trauma Surg.* 2014;134(5):631-636. [Link](#)
122. Ozkan F, Erdemir F, Erkorkmaz U, Kaya Z, Senayli Y, Parlaktas BS. Comparison of three different analgesic protocols during shockwave lithotripsy. *J Endourol.* 2012;26(6):691-6. [Link](#)
123. Paech MJ, McDonnell NJ, Sinha A, Baber C, Nathan EA. A randomised controlled trial of parecoxib, celecoxib and paracetamol as adjuncts to patient-controlled epidural analgesia after caesarean delivery. *Anaesth Intensive Care.* 2014;42(1):15-22. [Link](#)
124. Paramba FC, Naushad VA, Purayil N, Mohammed OH, Chandra P. Randomized controlled study of the antipyretic efficacy of oral paracetamol, intravenous paracetamol, and intramuscular diclofenac in patients presenting with fever to the emergency department. *Ther Clin Risk Manag.* 2013;9:371-6. [Link](#)
125. Peacock WF, Breitmeyer JB, Pan C, Smith WB, Royal MA. A randomized study of the efficacy and safety of intravenous acetaminophen compared to oral acetaminophen for the treatment of fever. *Acad Emerg Med.* 2011;18(4):360-6. [Link](#)
126. Pettersson PH, Jakobsson J, Owall A. Intravenous acetaminophen reduced the use of opioids compared with oral administration after coronary artery bypass grafting. *J Cardiothorac Vasc Anesth.* 2005;19(3):306-9. [Link](#)
127. Pickering G, Moustafa F, Macian N, Schmidt J, Pereira B, Dubray C. A new transmucous-buccal formulation of acetaminophen for acute traumatic pain: A non-inferiority, randomized, double-blind, clinical trial. *Pain Physician.* 2015;18(3):249-57. [Link](#)
128. Pickering G, Moustafa F, Desbrandes S, Cardot JM, Roux D, Dubray C. Paracetamol and opioid pathways: A pilot randomized clinical trial. *Fundam Clin Pharmacol.* 2013;27(3):339-45. [Link](#)
129. Pickering G, Faure M, Commun F, et al. Tropisetron and paracetamol association in post-operative patients. *Fundam Clin Pharmacol.* 2012;26(3):432-7. [Link](#)
130. Salihoglu Z, Yildirim M, Demiroglu S, et al. Evaluation of intravenous paracetamol administration on postoperative pain and recovery characteristics in patients undergoing laparoscopic cholecystectomy. *Surg Laparosc Endosc Percutan Tech.* 2009;19(4):321-323. [Link](#)
131. Salonen A, Silvola J, Kokki H. Does 1 or 2 g paracetamol added to ketoprofen enhance analgesia in adult tonsillectomy patients? *Acta Anaesthesiol Scand.* 2009;53(9):1200-6. [Link](#)
132. Samulak D, Michalska M, Gaca M, Wilczak M, Mojs E, Chuchracki M. Efficiency of postoperative pain management after gynecologic oncological surgeries with the use of morphine + acetaminophen + ketoprofen versus morphine + metamizol + ketoprofen. *Eur J Gynaecol Oncol.* 2011;32(2):168-70. [Link](#)

133. Scharbert G, Gebhardt K, Sow Z, Duris M, Deusch E, Kozek-Langenecker S. Point-of-care platelet function tests: Detection of platelet inhibition induced by nonopioid analgesic drugs. *Blood Coagul Fibrinolysis*. 2007;18(8):775-780. [Link](#)
134. Sen H, Kulahci Y, Bicerer E, Ozkan S, Dagli G, Turan A. The analgesic effect of paracetamol when added to lidocaine for intravenous regional anesthesia. *Anesth Analg*. 2009;109(4):1327-30. [Link](#)
135. Serclova Z, Dytrych P, Marvan J, et al. Fast-track in open intestinal surgery: Prospective randomized study (clinical trials gov identifier no. NCT00123456). *Clin Nutr*. 2009;28(6):618-24. [Link](#)
136. Serinken M, Eken C, Turkcuer I, Elicabuk H, Uyanik E, Schultz CH. Intravenous paracetamol versus morphine for renal colic in the emergency department: A randomised double-blind controlled trial. *Emerg Med J*. 2012;29(11):902-5. [Link](#)
137. Shams Vahdati S, Morteza Baghi HR, Ghobadi J, Rajaei Ghafouri R, Habibollahi P. Comparison of paracetamol (Apotel®) and morphine in reducing post pure head trauma headache. *Anesth Pain Med*. 2014;4(3):e14903. [Link](#)
138. Shimia M, Parish M, Abedini N. The effect of intravenous paracetamol on postoperative pain after lumbar discectomy. *Asian Spine J*. 2014;8(4):400-404. [Link](#)
139. Silvanto M, Munsterhjelm E, Savolainen S, et al. Effect of 3 g of intravenous paracetamol on post-operative analgesia, platelet function and liver enzymes in patients undergoing tonsillectomy under local anaesthesia. *Acta Anaesthesiol Scand*. 2007;51(9):1147-1154. [Link](#)
140. Simpson SA, Zaccagni H, Bichell DP, et al. Acetaminophen attenuates lipid peroxidation in children undergoing cardiopulmonary bypass. *Pediatr Crit Care Med*. 2014;15(6):503-10. [Link](#)
141. Singla NK, Hale ME, Davis JC, et al. IV acetaminophen: Efficacy of a single dose for postoperative pain after hip arthroplasty: Subset data analysis of 2 unpublished randomized clinical trials. *Am J Ther*. 2015;22(1):2-10. [Link](#)
142. Singla NK, Parulan C, Samson R, et al. Plasma and cerebrospinal fluid pharmacokinetic parameters after single-dose administration of intravenous, oral, or rectal acetaminophen. *Pain Pract*. 2012;12(7):523-32. [Link](#)
143. Strode MA, Sherman W, Mangieri CW, Faler BJ, Prasad BM, Choi YU. Randomized trial of OFIRMEV versus placebo for pain management after laparoscopic sleeve gastrectomy. *Surgery for Obesity and Related Diseases*: [published online: August 29, 2015]. [Link](#)
144. Tasmacioglu B, Aydinli I, Keskinbora K, Pekel AF, Salihoglu T, Sonsuz A. Effect of intravenous administration of paracetamol on morphine consumption in cancer pain control. *Support Care Cancer*. 2009;17(12):1475-81. [Link](#)
145. Tiippana E, Bachmann M, Kalso E, Pere P. Effect of paracetamol and coxib with or without dexamethasone after laparoscopic cholecystectomy. *Acta Anaesthesiol Scand*. 2008;52(5):673-80. [Link](#)
146. Tunali Y, Akcil EF, Dilmen OK, et al. Efficacy of intravenous paracetamol and dexketoprofen on postoperative pain and morphine consumption after a lumbar disk surgery. *J Neurosurg Anesthesiol*. 2013;25(2):143-7. [Link](#)
147. Turkcuer I, Serinken M, Eken C, et al. Intravenous paracetamol versus dexketoprofen in acute migraine attack in the emergency department: A randomised clinical trial. *Emerg Med J*. 2014;31(3):182-5. [Link](#)
148. Tuzuner Oncul AM, Yazicioglu D, Alanoglu Z, Demiralp S, Ozturk A, Ucok C. Postoperative analgesia in impacted third molar surgery: The role of preoperative diclofenac sodium, paracetamol and lornoxicam. *Med Princ Pract*. 2011;20(5):470-6. [Link](#)
149. Unal C, Cakan T, Baltaci B, Basar H. Comparison of analgesic efficacy of intravenous paracetamol and intravenous dexketoprofen trometamol in multimodal analgesia after hysterectomy. *J Res Med Sci*. 2013;18(10):897-903. [Link](#)
150. Unal SS, Aksoy M, Ahiskalioglu A, Erdem AF, Adanur S. The effect of intravenous preemptive paracetamol on postoperative fentanyl consumption in patients undergoing open nephrectomy: A prospective randomized study. *Niger J Clin Pract*. 2015;18(1):68-74. [Link](#)
151. Upadya M, Pushpavathi SH, Seetharam KR. Comparison of intra-peritoneal bupivacaine and intravenous paracetamol for postoperative pain relief after laparoscopic cholecystectomy. *Anesth Essays Res*. 2015;9(1):39-43. [Link](#)

152. Uvarov DN, Orlov MM, Levin AV, Sokolov AV, Nedashkovskii EV. Role of paracetamol in a balanced postoperative analgesia scheme after thoracotomy. *Anesteziol Reanimatol.* 2008;4(4):46-49. [Link](#)
153. Uysal HY, Takmaz SA, Yaman F, Baltaci B, Basar H. The efficacy of intravenous paracetamol versus tramadol for postoperative analgesia after adenotonsillectomy in children. *J Clin Anesth.* 2011;23(1):53-7. [Link](#)
154. Uzun S, Aycaan IO, Erden IA, Sahin A, Aypar U. The addition of metamizole to morphine and paracetamol improves early postoperative analgesia and patient satisfaction after lumbar disc surgery. *Turk Neurosurg.* 2010;20(3):341-7. [Link](#)
155. Uzun S, Erden IA, Canbay O, Aypar U. The effect of intravenous paracetamol for the prevention of rocuronium injection pain. *Kaohsiung J Med Sci.* 2014;30(11):566-569. [Link](#)
156. Winger SJ, Miller H, Minkowitz HS, et al. A randomized, double-blind, placebo-controlled, multicenter, repeat-dose study of two intravenous acetaminophen dosing regimens for the treatment of pain after abdominal laparoscopic surgery. *Clin Ther.* 2010;32(14):2348-69. [Link](#)
157. Wong I, St John-Green C, Walker SM. Opioid-sparing effects of perioperative paracetamol and nonsteroidal anti-inflammatory drugs (NSAIDs) in children. *Paediatr Anaesth.* 2013;23(6):475-95. [Link](#)
158. Yaghoubi S, Pourfallah R, Barikani A, Kayalha H. The postoperative analgesic effect of morphine and paracetamol in the patients undergoing laparotomy, using PCA method. *Glob J Health Sci.* 2014;6(1):207-14. [Link](#)
159. Yalcin N, Uzun ST, Reisli R, Borazan H, Otelcioglu S. A comparison of ketamine and paracetamol for preventing remifentanyl induced hyperalgesia in patients undergoing total abdominal hysterectomy. *Int J Med Sci.* 2012;9(5):327-33. [Link](#)
160. Zare MA, Ghalyaie AH, Fathi M, Farsi D, Abbasi S, Hafezimoghadam P. Oral oxycodone plus intravenous acetaminophen versus intravenous morphine sulfate in acute bone fracture pain control: A double-blind placebo-controlled randomized clinical trial. *Eur J Orthop Surg Traumatol.* 2014;24(7):1305-9. [Link](#)
161. Zeidan A, Mazoit JX, Ali Abdullah M, Maaliki H, Ghattas T, Saifan A. Median effective dose (ED₅₀) of paracetamol and morphine for postoperative pain: A study of interaction. *Br J Anaesth.* 2014;112(1):118-123. [Link](#)
162. Ziemann-Gimmel P, Goldfarb AA, Koppman J, Marema RT. Opioid-free total intravenous anaesthesia reduces postoperative nausea and vomiting in bariatric surgery beyond triple prophylaxis. *Br J Anaesth.* 2014;112(5):906-11. [Link](#)