



## DAFTAR PUSTAKA

- Alen M., Deschner B. 2007. Epidural blockade. In : Hadzic A (ed) *Textbook of Regional Anesthesia and Acute Pain Management*. NewYork : McGraw-Hill, pp.
- Atkinson RS., Rushman GB., Lee JA., 1987. *Spinal Analgesia: Intradural, Extradural: A synopsis of Anasthesia 10th Ed.* PG Publishing PTE LTD Singapore
- Bardiau, FM., Taviaux N.F., Albert A., 2003. An intervention Study to Enhance Post Operative Pain Management. *Anesth Analg*; 96(1):179-85
- Berde CB., Strichartz GR. 2010. Local Anesthetics. In : Miller RD, Eriksson LI, Fleisher LA, Wiener-Kronish JP, Young WL (eds.) *Miller's Anesthesia*. 7th ed. Philadelphia : Elsevier Saunders. pp.
- Bernard CM., 2009. Epidural Anesthesia. In : Mulroy MF., Bernard CM., McDonald SB., Salinas FV., *A Practical Approach to Regional Anesthesia 4 th ed. Philadelphia*: Lippincott William & Wilkin. pp. 104-30
- Berthier F., Potel G., Leconte P., et al., 1997. Comparative study of methods of measuring acute pain intensity in an ED. *Am J Emerg Med* 16;32-6
- Brockway M.S., Bannister J., McClure J.H. et al.1991. Comparison of Extradural ropivacaine and Bupivacaine. *Br J Anesth.* 66(1): 31-7
- Brown DL. 2010. Spinal, epidural and caudal anesthesia. In : Miller RD, Eriksson LI, Fleisher LA, Wiener-Kronish JP, Young WL (eds.) *Miller's Anesthesia*. 7th ed. Philadelphia : Elsevier Saunders. pp.
- Buvanendran, A., dan Kroin, J.S., 2009. Multimodal Analgesia For Controlling Acute Post Operative Pain. *Current Opinion in Anesthesiology*. 22:588-93
- Butterworth JF., Mackey DC., Wasnick JD. 2013. Chronic Pain Management. In *Morgan & Mikhail's clinical anesthesiology*. 5th ed. New York : McGraw-Hill, pp. 1023-1036



- Casey Z., Wu CL. 2005. Epidural opioids for postoperative pain. In : Benzon HT, Raja SN, Molloy RE, et al (eds) *Essentials of Pain Medicine and Regional Anesthesia. 2nd ed.* Philadelphia : Elsevier. pp. 246-50
- Charlton ED., 2007. Postoperative Pain Management. World Federation of Society anesthesiologist [http://www.nda.ox.ac.uk/wfsa/html/u07/u07\\_009.htm](http://www.nda.ox.ac.uk/wfsa/html/u07/u07_009.htm)
- De Iuliis A., Zanatta L., Vincenti E., Galzigna L., 2001. Differences of ropivacaine and bupivacaine relevant to antiinflamatory activity, platelet aggregation and antioxidant activity in vitro. *II Farmaco*; 56: 153-157
- Drasner K., Larson MD. 2011. Spinal and Epidural Anesthesia in: Miller RD, Pardo MC (ed) *Basics of Anesthesia 6th ed*, Philadelphia : Elsevier Saunders
- Food and Drug administration., 2006. [https://www.accessdata.fda.gov/drugsatda\\_docs/label/2015/018053s055lbl.pdf](https://www.accessdata.fda.gov/drugsatda_docs/label/2015/018053s055lbl.pdf)
- Gerbershagen H.J., Aduckathil S., Van Wijck A.J., Peelen L.M., Kalkman C.J., Meissneer W., 2013. Pain Intensity on the First Day after Surgery, *Anesthesiology*; 118(4):934-944
- Ghori M.K., Zhang Y.F., Sinatra R.S., 2009. Pathophysiology of Acute Pain in : *Acute Pain Management*, Cambridge: Cambridge University Press,pp 23- 32
- Grosu I., Lavand'homme P., 2015. Continuous regional anesthesia and inflammation: a new target, *Minerva Anestesiol*; 81:1001-9
- Hurley RW., Murphy JD., Wu CL. 2015. Acute Postoperative Pain. In : Miller RD (ed) *Millers Anesthesia, 8th ed.* New York : Elsevier Churchill Livingstone, pp. 2974-96
- Jørgansen H., Fomsgaard J.S., Dirks J., Watterslev J., Dahl J.B., 2000. Effect of continuous epidural 0.2% ropivacaine vs 0.2% bupivacaine on postoperative pain, motor block and gastrointestinal function after abdominal hysterectomy, *Br J Anaesth* 84: 144-50
- Kasjmir Y., 2004. *Penatalaksanaan nyeri akut : multimodal analgesia*, Temu ilmiah reumatologi dan Kursus nyeri Ikatan Rheumatologi Indonesia,P.189



- Kendrick D.B., Strout T.D., 2005. The minimum clinically significant difference in patient-assigned numeric scores for pain. *American Journal of Emergency Medicine* 23;828-832
- Khangure N. 2011. Adjuvant agents in neuraxial blockade. *Anaesthesia tutorial of the week* 230, pp.1-10
- Knudsen K., Suurküla B.M., Blomberg S., et al. 1997. Central nervous and cardiovascular effect of IV infusions of ropivacaine, bupivacaine and placebo in volunteers. *Br J Anesthesia* 78(5):507-14
- Kulkarni A., Gupta A., Shah S.B., Bhargava A. K., 2018. A comparative study of ropivacaine and bupivacaine with fentanyl for postoperatively patient-controlled epidural analgesia after major abdominal oncosurgery. *J Curr Oncol*;1;66-72
- Kuthlala G., Chaudhary G., 2011. Ropivacaine : A review of Its Pharmacology and Clinical Use, *Indian Journal of Anaesthesia*, Vol. 55 P. 104-10.
- Lakshmi K., Kumari M.P., Sunil R., 2015. A Comparison of the analgesic efficacy and safety of epidural bupivacaine with fentanyl and ropivacaine with fentanyl in abdominal surgery, *ASJA*, 08:623-627
- Lee WK., Yu KL., Tang CS., Lee LS., Fang HT., 2003. Ropivacaine 0,1% With or Without Fentanyl For Epidural Postoperative Analgesia : A Randomized, Double-Blind Comparison, *Kaohsiung J Med Sci*, Vol 19, P. 458-62.
- Lubenow TR., Ivankovich AD., Barkin RL., 2006, Management of Acute Postoperative Pain in: Barash PG., Cullen BF., Stoelting RK. (ed) *Clinical Anesthesia 5th ed*, Lippincott Williams & Wilkins. P. 1405-1436
- Macintyre P.E., Schug S.A., 2015, Epidural and intrathecal analgesia in *Acute Pain Management A Practical Guide 4<sup>th</sup> ed.*, CRC Press p. 136- 165
- Macres S.M, Moore P.G., Fishman S.M., 2013, Acute Pain Management in: Barash PG., Cullen BF., Stoelting RK. (ed) *Clinical Anesthesia 7th ed*, Lippincott Williams & Wilkins p. 1611-1644.



- Maholtra N., Singh R., Hood S., SIngla S., Kanika, 2016. Intermittent Versus Continuous Epidural Infusion Technique for Post Operative Analgesia. *Northern Of ISA* 1:24-28
- Meghana S., Garima A., Madhavi S., Preet K., Karishma B., 2017. Efficacy of bupivacaine and ropivacaine for postoperative analgesia in continuous epidural infusion in lower limb surgeries under combined spinal-epidural analgesia, *Anaesth, pain & intensive care*;21(3):360-365
- Mehta S., Gajbhare M.N., Kamble N.P., 2018. Comparison of epidural analgesia using 0.2% Bupivacaine and 0.2% Ropivacaine for the management of postoperative pain in major orthopedic surgery. *Anesth Essays Res*, 12:586-91
- Middleton C., 2006. Physiology of pain, pharmacodynamics and pharmacokinetics of local anaesthetic and opioid drugs. In : Middleton C (ed) *Epidural Analgesi in Acute Pain Management*, West Sussex : Whurr Publishers Limited, pp. 49-57
- Patil S.S., Kudalkar A.G., Tendolkar B.A., 2018. Comparison of continuous epidural infusion of 0.125% ropivacaine with 1 mcg/ml fentanyl versus 0.125% bupivacaine with 1 mcg/ml fentanyl for postoperative analgesia in major abdominal surgery, *J Anaesthesiol clin Pharmacol* 34:29-34
- Rawal N., 2005. *Postoperative Pain Management-Good Clinical Practice :General Recommendations and Principle For Successful Pain Management*, Department of anesthesiology and Intensive Care Örebro university Hospital, Örebro, Sweden. P. 1-57.
- Svensson I., Sjöström B., Haljamäe H., 2000,. Assessment Of Pain Experiences after Elective Surgery. *Journal of Pain and Symptom Management*. 20(3): P 193-200
- Virmani R., Ghai A., Singh DK. 2008. A study to compare continuous epidural infusion and intermittent bolus of bupivacaine for postoperative analgesia following renal surgery. *SAJAA*. 14(4): 19-22



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Perbandingan Efikasi Epidural Infus Kontinyu Ropivakain 0,125% dan Fentanil 1,25 mcg/ml dengan Bupivakain 0,125% dan Fentanil 1,25 mcg/ml Sebagai Analgesia Paska Operasi  
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- Wildsmith J.A., Brown D.T., Paul D., Johnson S. 1989. Structure-activity relationships in differential nerve block at high and low frequency stimulation. *Br J Anaesth.* 63:444-52.
- Wu, C.L., Raja, S.N., 2011, *Treatment of Acute Postoperative Pain*, Lancet 377:p.2215-25.
- Yadava A., Jaiswal C., 2017. Comparison of epidural bupivacaine-fentanyl and ropivacaine-fentanyl for postoperative analgesia in major abdominal surgeries-a prospective, randomized study, *Indian Journal of Clinical Anaesthesia*, 4(3)375-381