

Appendix D – Excluded Full Text Studies

WTitle	Authors	Publ ished Year	Journal	DOI	Study	Notes
Long-term analgesic efficacy of an ultrasound guided single-shot adductor canal block in patients undergoing total knee arthroplasty	Zhang, Y.; Yang, J.; Wang, X.; Liao, R.; Liu, J.	2016	Anesthesia and Analgesia	http://dx.doi.org/10.1213/01.ane.0000492900.30788.d2	Zhang 2016	Exclusion reason: Duplicate;
Comparison of the postoperative analgesic effect for infiltration between the popliteal artery and the capsule of the posterior knee and that of periarticular multimodal drug injection in total knee arthroplasty: retrospective study in the immediate postoperative period	Jung, Dae-Won; Shon, Won-Yong; Seo, Seung-Suk; Kim, Ok-Gul; Lee, In-Seung	2020	Knee surgery & related research	https://dx.doi.org/10.1186/s43019-019-0025-z	Jung 2020	Exclusion reason: Wrong study design;
Effects of Adductor-Canal-Blockade on pain and ambulation after total knee arthroplasty: A randomized study	Jenstrup, M.T.; Lund, J.; Mathiesen, O.; Dahl, J.B.; Fomsgaard, J.S.; Bache, S.; Larsen, T.K.; Jaeger, P.	2012	Acta Anaesthesiologica Scandinavica	http://dx.doi.org/10.1111/j.1399-6576.2011.02621.x	Jenstrup 2012	Exclusion reason: Wrong comparator;
Continuous saphenous nerve block as supplement to single-dose local infiltration analgesia for postoperative pain management after total knee arthroplasty	Andersen, H.L.; Gyrn, J.; Christensen, B.; Zaric, D.; Moller, L.	2012	Regional Anesthesia and Pain Medicine	http://dx.doi.org/10.1097/AAP.0b013e31826a8366	Andersen 2012	Exclusion reason: Wrong study design;
Effect of Adductor-Canal-Blockade versus placebo on established, severe postoperative pain after total knee arthroplasty	Jaeger, P.; Grevstad, U.; Henningsen, M.H.; Gottschau, B.; Mathiesen, O.; Dahl, J.B.	2012	European Journal of Anaesthesiology		Jaeger 2012	Exclusion reason: Wrong comparator;
Effect of adductor-canal-blockade on established, severe post-operative pain after total knee arthroplasty: A randomised study	Jaeger, P.; Grevstad, U.; Henningsen, M.H.; Gottschau, B.; Mathiesen, O.; Dahl, J.B.	2012	Acta Anaesthesiologica Scandinavica	http://dx.doi.org/10.1111/j.1399-6576.2012.02737.x	Jaeger 2012	Exclusion reason: Wrong comparator;
Continuous saphenous nerve block as supplement to single-dose local infiltration analgesia for postoperative pain management after total knee arthroplasty	Andersen, Henning Lykke; Gyrn, Jens; Christensen, Bodil; Zaric, Dusanka; Moller, Lars	2013	Regional Anesthesia and Pain Medicine	http://dx.doi.org/10.1097/AAP.0b013e31827900a9	Andersen 2013	Exclusion reason: Wrong comparator;
Is the continuous Saphenous block the right technique for postoperative pain management after total knee replacement?	Chelly, Jacques E.	2013	Regional Anesthesia and Pain Medicine	http://dx.doi.org/10.1097/AAP.0b013e31829e3cb2	Chelly 2013	Exclusion reason: Wrong study design;
Continuous saphenous nerve block for total knee arthroplasty: When and how?	Moore, David M.; O'Gara, Aine; Duggan, Michelle	2013	Regional Anesthesia and Pain Medicine	http://dx.doi.org/10.1097/AAP.0b013e318294fe4b	Moore 2013	Exclusion reason: Wrong study design;
Efficacy of adductor canal block following knee surgery: A systematic review	Dixit, T.A.; Banerjee, A.; Singh, S.K.	2014	European Journal of Anaesthesiology		Dixit 2014	Exclusion reason: Wrong study design;
Comparison of single-injection and continuous infusion adductor canal block initial ambulation times and distance after total knee arthroplasty (TKA)	Boublik, J.; Dorman, S.; Van Bergen Granelli, A.; Cuff, G.; Narine, V.; Atchabahian, A.	2014	Regional Anesthesia and Pain Medicine	http://dx.doi.org/10.1097/AAP.0000000000142	Boublik 2014	Exclusion reason: Wrong study design;
Effect of adductor canal block on pain in patients with severe pain after total knee arthroplasty: A randomized study with individual patient analysis	Grevstad, U.; Lind, T.; Mathiesen, O.; Dahl, J.B.	2014	British Journal of Anaesthesia	http://dx.doi.org/10.1093/bja/aet441	Grevstad 2014	Exclusion reason: Wrong comparator;
Continuous ultrasound-guided adductor canal block for total knee arthroplasty: A randomized, double-blind trial	Hanson, Neil A.; Allen, Cindy Jo; Nagy, Ryan; Derby, Ryan E.; Auyong, David B.; Hostetter, Lucy S.; Slee, April E.; Arslan, Alex	2014	Anesthesia and Analgesia	http://dx.doi.org/10.1213/ANE.0000000000197	Hanson 2014	Exclusion reason: Wrong comparator;
Adductor canal block for postoperative pain treatment after revision knee arthroplasty: A blinded, randomized, placebo-controlled study	Jaeger, Pia; Koscielniak-Nielsen, Zbigniew J.; Mathiesen, Ole; Henningsen, Maria H.; Dahl, Jorgen B.; Schroder, Henrik M.; Lund, Jorgen; Jenstrup, Morten T.	2014	PLoS ONE	http://dx.doi.org/10.1371/journal.pone.0111951	Jaeger 2014	Exclusion reason: Wrong comparator;
Effects of adductor canal block on postoperative outcome in total knee arthroplasty: A systematic review	Hoogma, D.; Coppens, S.; Rex, S.; Van De Velde, M.	2015	Regional Anesthesia and	http://dx.doi.org/10.1097/AAP.0000	Hoogma 2015	Exclusion reason:

			Pain Medicine	00000000308		Wrong study design;
Can the adductor canal block increase functional muscle strength of the quadriceps femoris muscle after total knee arthroplasty?-A triple-blinded randomized placebo-controlled trial	Sorensen, Johan Klovgaard; Jaeger, Pia; Dahl, Jorgen Berg; Stephensen, Snorre Laessoe; Grevstad, Ulrik	2015	Regional Anesthesia and Pain Medicine		Sorensen 2015	Exclusion reason: Wrong comparator;
Prospective, randomized controlled pilot study of continuous adductor canal block after primary total knee arthroplasty	Denduluri, Sahitya; Leung, Patrick; Lu, Min; Dickerson, David; Anitescu, Magdalena; Luu, Hue	2015	Regional Anesthesia and Pain Medicine		Denduluri 2015	Exclusion reason: Wrong comparator;
Pain following unilateral total knee arthroplasty: A randomized controlled trial examining the analgesic effectiveness of a combined adductor-canal peripheral nerve block with periarticular infiltration vs adductor-canal nerve block alone vs periarticular	Medhian, H.; Bowry, R.; Kashin, B.; Bent, M.; Ip, G.; Jussaume, L.; Proudman, J.; Clarke, K.; Sawhney, Mona	2015	Pain Research and Management		Medhian 2015	Exclusion reason: Wrong comparator;
Comparing quality of analgesia and recovery between adductor canal catheters and intra-articular catheters (IAC) following primary total knee arthroplasty	Kaufmann, Marc; Beausang, David; Pozek, John-Paul; Wenzel, John; Schwenk, Eric; Chen, Antonia; Torjman, Mark; Baratta, Jaime	2016	Regional Anesthesia and Pain Medicine		Kaufmann 2016	Exclusion reason: Wrong comparator;
Re: Adductor Canal Blockade Following Total Knee Arthroplasty-Continuous or Single-Shot Technique?	McMillan, Curtis O.; Burns, Christopher G.; O'Donnell, Brian G.; Shorten, George D.	2016	Journal of Arthroplasty	http://dx.doi.org/10.1016/j.arth.2015.09.022	McMillan 2016	Exclusion reason: Wrong study design;
The isolated effect of adductor canal block on quadriceps femoris muscle strength after total knee arthroplasty: A triple-blinded, randomized, placebo-controlled trial with individual patient analysis	Sorensen, Johan Klovgaard; Dahl, Jorgen Berg; Gottschau, Bo; Grevstad, Ulrik; Jaeger, Pia; Stephensen, Snorre Laessoe	2016	Anesthesia and Analgesia	http://dx.doi.org/10.1213/ANE.0000000001073	Sorensen 2016	Exclusion reason: Wrong comparator;
Combined adductor canal and sciatic nerve block compared with local intraarticular infiltration analgesia for total knee arthroplasty: A prospective blinded randomized controlled study		2017	Current Orthopaedic Practice	http://dx.doi.org/10.1097/BCO.0000000000480		Exclusion reason: Wrong intervention;
Ultrasound-guided out-of-plane (OOP) adductor canal continuous catheter placement compared to in-plane (IP) placement in total knee arthroplasty: A randomized, single blinded, pilot clinical trial.	Battista, Carter; Harmon, Elliot; Patel, Samir; Ghoddoussi, Farhad; Lynch, Brendan; Nabavighadi, Kaveh; Krishnan, Sandeep	2020	Journal of clinical anesthesia	https://dx.doi.org/10.1016/j.jclinane.2019.109692	Battista 2020	Exclusion reason: Wrong comparator;
Continuous nerve block versus single-shot nerve block for total knee arthroplasty: a meta-analysis from randomized controlled trials.	Ma, Tao; Liu, Qingshan; Zhou, Liang; Yue, Kai; Ding, Zhongjun; Chen, Bing	2020	Minerva anesthesiologica	https://dx.doi.org/10.23736/S0375-9393.19.13842-4	Ma 2020	Exclusion reason: Wrong study design;
An evaluation of single-dose local infiltration analgesia combined with continuous adductor canal block for postoperative pain management after medial unicondylar knee arthroplasty	Lan, F.; Shen, Y.; Wang, T.	2017	Regional Anesthesia and Pain Medicine	http://dx.doi.org/10.1097/AAP.0000000000000656	Lan 2017	Exclusion reason: Wrong comparator;
Efficacy of perineural dexamethasone with ropivacaine in adductor canal block for post-operative analgesia in patients undergoing total knee arthroplasty: A randomized controlled trial	Wang, Cun-Jin; Long, Feng-Yun; Yang, Liu-Qing; Shen, You-Jing; Guo, Fang; Huang, Tian-Feng; Gao, Ju	2017	Experimental and Therapeutic Medicine	http://dx.doi.org/10.3892/etm.2017.4974	Wang 2017	Exclusion reason: Wrong comparator;
Continuous adductor canal block added to local infiltration analgesia (LIA) after total knee arthroplasty has no additional benefits on pain and ambulation on postoperative day 1 and 2 compared with LIA alone: A randomized, double-blind, placebo-controlled	Gudmundsdottir, Svava; Franklin, Jonas L	2017	Acta Orthopaedica	http://dx.doi.org/10.1080/17453674.2017.1342184	Gudmundsdottir 2017	Exclusion reason: Wrong comparator;
Adductor canal blocks for postoperative pain treatment in adults undergoing knee surgery.	Schnabel, Alexander; Reichl, Sylvia U; Weibel, Stephanie; Zahn, Peter K; Kranke, Peter; Pogatzki-Zahn, Esther; Meyer-Friesem, Christine H	2019	The Cochrane database of systematic reviews	https://dx.doi.org/10.1002/14651858.CD012262.pub2	Schnabel 2019	Exclusion reason: Wrong study design;
Ultrasound-Guided Motor-Sparing Knee Blocks for Postoperative Analgesia Following Total Knee Arthroplasty: A Randomized Blinded Study.	Sogbein, Olawale A; Sondekoppam, Rakesh V; Bryant, Dianne; Johnston, David F; Vasarhelyi, Edward M; MacDonald, Steven; Lanting, Brent; Ganapathy, Sugantha; Howard, James L	2017	The Journal of bone and joint surgery. American volume	https://dx.doi.org/10.2106/JBJS.16.01266	Sogbein 2017	Exclusion reason: Wrong comparator;
Comparison between single shot versus continuous adductor canal block for postoperative analgesia after total knee arthroplasty, a prospective randomized open label study	Elkassabany, Nabil; Kase, Brandon; Badiola, Ignacio; Cai, Lu; Hughes, Christopher; Israelite, Craig; Nelson, Charles; Liu, Jiabin	2017	Regional Anesthesia and Pain Medicine	http://dx.doi.org/10.1097/AAP.0000000000000680	Elkassabany 2017	Exclusion reason: Duplicate;

Ultrasound-Guided Motor-Sparing Knee Blocks for Postoperative Analgesia Following Total Knee Arthroplasty	Sogbein, Olawale A.; Sondekoppam, Rakesh V.; Bryant, Dianne; Johnston, David F.; Vasarhelyi, Edward M.; Macdonald, Steven; Lanting, Brent; Ganapathy, Sugantha; Howard, James L.	2017	Journal of Bone and Joint Surgery - American Volume	http://dx.doi.org/10.2106/JBJS.16.01266	Sogbein 2017	Exclusion reason: Wrong comparator;
Efficacy of adductor canal block in total knee arthroplasty: A systematic review	Hoogma, D.F.; Coppens, S.; Rex, S.; Van De Velde, M.	2017	Acta Anaesthesiologica Belgica		Hoogma 2017	Exclusion reason: Wrong study design;
Adductor canal block for post-operative analgesia after simultaneous bilateral total knee replacement: A randomised controlled trial to study the effect of addition of dexmedetomidine to ropivacaine	Goyal, Rakhee; Sethi, Rishab; Chattopadhyay, Animesh; Mittal, A.M.; Yadav, Arun Kumar	2017	Indian Journal of Anaesthesia	http://dx.doi.org/10.4103/ija.IJA_277_17	Goyal 2017	Exclusion reason: Wrong intervention;
Analgesic effect of an adductor canal block using a suture-method catheters vs a standard perineural catheters a single bolus: A blinded, randomized, controlled study	Jaeger, P.; Lyngeraa, T.S.; Gottschau, B.; Rossen-Jorgensen, A.M.; Toftegaard, I.; Grevstad, U.; Graungaard, B.	2018	Regional Anesthesia and Pain Medicine		Jaeger 2018	Exclusion reason: Wrong study design;
The effect of adductor canal block on knee extensor muscle strength 6 weeks after total knee arthroplasty: A randomized, controlled trial	Rousseau-Saine, Nicolas; Williams, Stephan R.; Girard, Francois; Robin, Florian; Ruel, Monique; Hebert, Luc J.; Duchesne, Luc; Lavoie, Frederic	2018	Anesthesia and Analgesia	http://dx.doi.org/10.1213/ANE.0000000002338	Rousseau-Saine 2018	Exclusion reason: Wrong comparator;
Postoperative continuous adductor canal block for total knee arthroplasty improves pain and functional recovery: A randomized controlled clinical trial	Leung, Patrick; Denduluri, Sahitya K.; Mohammed, Maryam K.; Lu, Min; Luu, Hue H.; Dickerson, David M.; Anitescu, Magdalena	2018	Journal of Clinical Anesthesia	http://dx.doi.org/10.1016/j.jclinane.2018.06.004	Leung 2018	Exclusion reason: Wrong comparator;
Continuous adductor canal block is a better choice compared to single shot after primary total knee arthroplasty: A meta-analysis of randomized controlled trials	Wang, Chen; Ma, Xinlong; Chen, Zhengjie	2019	International Journal of Surgery	http://dx.doi.org/10.1016/j.ijso.2019.10.012	Wang 2019	Exclusion reason: Wrong study design;
Letter to Editor "Continuous adductor canal blockade facilitates increased home discharge and decreased opioid consumption after total knee arthroplasty."	Kendall, Mark C.	2019	Knee	http://dx.doi.org/10.1016/j.knee.2019.06.005	Kendall 2019	Exclusion reason: Wrong study design;
Continuous Adductor Canal Block used for postoperative pain relief after medial Uniclylar Knee Arthroplasty: A randomized, double-blind, placebo-controlled trial	Lan, Fei; Ma, Yanhui; Zhang, Ting; Wang, Tianlong; Shen, Yanyan; Cao, Guanglei; Philips, Nicole	2019	BMC Anesthesiology	http://dx.doi.org/10.1186/s12871-019-0787-6	Lan 2019	Exclusion reason: Wrong comparator;
Intermittent adductor canal block for post-operative pain management and faster rehabilitation following unilateral total knee replacement	Garg, Prateek; Verma, Nikhil; Jain, Anuj; Thomas, Simon; Agarwal, Shekhar	2021	Journal of Arthroscopy and Joint Surgery	http://dx.doi.org/10.1016/j.jajs.2021.02.002	Garg 2021	Exclusion reason: Wrong study design;
A comparative study evaluating the role of adductor canal block catheter versus intraarticular analgesic infusion on knee pain and range of motion in the immediate postoperative period: a prospective multicenter trial	Gurava Reddy, A.V.; Manohar, M.; Shetty, A.; Sankineani, S.R.; Ashok Kumar, P.S.; Bose, V.C.; Pichai, S.; Patil, S.; Mukartihal, R.; Dhanasekhara Raja, P.; Rajkumar, N.; Rajasekharan, S.	2020	Musculoskeletal surgery	http://dx.doi.org/10.1007/s12306-019-00616-z	Gurava Reddy 2020	Exclusion reason: Wrong study design;
Adductor Canal Block Combined With iPACK (Interspace Between the Popliteal Artery and the Capsule of the Posterior Knee) Block vs Periarticular Injection for Analgesia After Total Knee Arthroplasty: A Randomized Noninferiority Trial	Kertkiatchorn, Wannida; Kampitak, Wirinaree; Tanavalee, Aree; Ngarmukos, Srihatach	2021	Journal of Arthroplasty	https://dx.doi.org/10.1016/j.arth.2020.06.086	Kertkiatchorn 2021	Exclusion reason: Wrong intervention;
Additional Peripheral Nerve Block to Periarticular Injection Has No Benefit for Patients Undergoing TKA. A Factorial Propensity Score-Matched Analysis Comparing Four Multimodal Analgesic Techniques	Laoruengthana, Artit; Jarusriwanna, Atthakorn; Rattanaprichavej, Piti; Eiamjumras, Watcharapong; Kositanurit, Inthiporn; Pongpirul, Krit	2021	Journal of Arthroplasty	http://dx.doi.org/10.1016/j.arth.2021.09.011	Laoruengthana 2021	Exclusion reason: Wrong study design;