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Partial segmental anesthesia in elderly patients

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In given article the comparative characteristic of application of two kinds neiroaxials blockade is resulted: symmetric spinal anaesthesia and unilateral spinal anaesthesia at operations on a ground floor of a belly cavity at patients of the senior age groups. It is proved that at use of unilateral spinal anaesthesia stability of indicators of haemodynamics, smaller requirement in infusion therapy and sympathetic support is marked.

Keywords: neiroaxial blockade, unilateral spinal anesthesia, bupivacaine.

References:

1. Babajants A.V., Kirienko P. A. Influence of various kinds of neuroaxial blockade on haemodynamics at operations of total endoprosthesis of a coxofemoral joint at patients of advanced age / A.V. Babajants, P. A. Kirienko // Actual problems of anesthesiology and intensive therapy: thes. 2nd Belomorsk. sympos. - Arkhangelsk, 2007. -P.68.
2. Babajants A.V. Comparative analysis of efficiency and safety of various kinds of neuroaxial blockade at operations of total endoprosthesis of a coxofemoral joint / A.V.Babajants, B.T. Churadze, M.I. Shiryaev//Anestez. and reanim. - 2008. - №3. - P.17-20.
3. Babajants A.V. Unilateral spinal block as a variant of a neuroaxial anesthesia at operations of total endoprosthesis of a coxofemoral joint at patients of advanced age / A.V. Babajants, P. A. Kirienko // Thes. IV congress of anaesthesiologists and reanimathologists of the Northwest of Russia. - S-pb., 2007. - P. 102.
4. Painful syndromes in anesthesiology and resuscitation / V. A. Volochkov [et al.]. – M.: MED press-inform, 2006. - P.320.
5. Kirienko P.A. Unilateral subarahnoidal blockade with bupivacaine hydrochloride in surgery of veins of the lower extremities / P.A.Kirienko, L.I.Vinnitsky, A.G.Borzenko // Modern technologies in anesthesiology and reanimatology: Materials of the congress of anaesthesiologists-reanimathologists of the Centr. federal district. – M., Petrozavodsk: Intel Tek., 2003.-P.75.
6. Osipova N.A. System and regional antinoceceptive protection of the patient in surgery: a choice problem / N.A. Osipova, V.V. Petrova, S.V. Mitrofanov //Anesthesiology and reanimatology.-2006.

- № 4. – P. 12-16.

7. Chuev P.N. Application experience of unilateral spinal anaesthesia in orthopedry / P.N. Chuev, A.S. Vladika, I.L. Basenko // Pain, anaesthesia and intensive therapy.-2003. - № 2. - P. 34-36.
8. Cappelleri G. Spinal anesthesia with hyperbaric levobupivacaine and ropivacaine for outpatient knee arthroscopy: a prospective, randomized, Spinal anesthesia with hyperbaric levobupivacaine and ropivacaine for outpatient knee arthroscopy: a prospective, randomized, double-blind study / G. Cappelleri, G. Aldegheri, G. Danelli // Anesth. Analg.— 2005. —Vol. 101, №1. — P.77–82.
9. Casati A. Randomized comparison between sevoflurane anaesthesia and unilateral spinal anaesthesia in elderly patients undergoing orthopaedic surgery / A. Casati, G. Aldegheri, F. Vinciguerra // Eur. J. J. of Anaesthesiology. — 2003.—Vol.20, №8.—P.640-646.
10. Casati A. Low dose hyperbaric bupivacaine for unilateral spinal anaesthesia / A. Casati, G. Fanelli, G. Cappelleri // Canadian J. of Anesthesia. —1998. —Vol.45.—P.850-854.
11. Casati A. A prospective, randomized, double-blind comparison of unilateral spinal anesthesia with hyperbaric bupivacaine, ropivacaine, or / A.Casati, E.Moizo, Ch. Marchetti // Anesth. Analg.— 2004. — Vol. 99. —P. 1387–1392.
12. Hemodynamic effects of unilateral spinal anesthesia in high risk patients / U.Chohan, G.Afshan, M.Q. Hoda, Mahmud S. // J. Pak. Med. Assoc. — 2002.— Vol. 52 (2).— P. 66–69.
13. Bilateral vs unilateral spinal anesthesia for outpatient knee arthroscopies / A.Esmaoglu, S.Karaoglu, A.Mizraki Bilateral vs unilateral spinal anesthesia for outpatient knee arthroscopies // Knee Surgery, Sports Traumatology, Arthroscopy.— 2004. — Vol. 12, №2.—P155–158.
14. Unilateral spinal anesthesia with low 0,5 % hyperbaric bupivacaine dose/ L.E. Imbelloni, L.Beato, J.A. Cordeiro // Rev. Bras. Anestesiol. —2004. — Vol. 54, №5.—P.700–706.15.
15. A low-dose bupivacaine: a comparison of hyperbaric and hypobaric solutions for unilateral spinal anesthesia / M.Kaya, S.Oguz, K.Aslan, N.Kadiogullari // Reg. Anesth. Pain Med. — 2004. — Vol. 29, №1. — P. 17-22.