

DEPUTY HOSPITAL DIRECTOR

ANESTHESIOLOGY AND ICU SPECIALIST

Nenad Nešković, MD, PhD

PUBLICATIONS LIST

Journal articles

Scientific And Review Papers

Neskovic, Nenad & Budrovac, Dino & Kristek, Gordana & Kovačić, Borna & Skiljic, Sonja. (2025). Postoperative cognitive dysfunction: Review of pathophysiology, diagnostics and preventive strategies. Journal of perioperative practice. 35. 17504589241229909. 10.1177/17504589241229909.

Radmilović, Goranka; Popović-Grle, Sanja; Matijević, Valentina; Nešković, Nenad
The influence of depression, anxiety and stress on changes in locomotor parameters in patients who are prone to develop COPD. // Psychiatria Danubina. Supplement, 33 (2021), suppl 4 (part IV); 1330-1334 (international peer review, article, scholarly)

Krivdic Dupan, Zdravka & Periša, Vlatka & Stević, Mirjana & Mihalj, Martina & Tolušić Levak, Maja & Guljaš, Silva & Salha, Tamer & Loinjak, Domagoj & Kos, Martina & Šapina, Matej & Canjko, Ivana & Penc, Mirela & Štefančić, Marin & Nešković, Nenad. (2024). The Impact of Pentraxin 3 Serum Levels and Angiotensin-Converting Enzyme Polymorphism on Pulmonary Infiltrates and Mortality in COVID-19 Patients. Biomedicines. 12. 1618. 10.3390/biomedicines12071618.

Koruga, Nenad & Koruga, Anamarija & Soldo, Silva & Rončević, Robert & Rotim, Tatjana & Turk, Tajana & Kretić, Domagoj & Skiljic, Sonja & Neskovic, Nenad & Rončević, Alen. (2023). The COVID-19 Pandemic and Elective Spine Surgery—A Single Center Experience. Medicina. 59. 1575. 10.3390/medicina59091575.

Skiljic, Sonja & Budrovac, Dino & Cicvaric, Ana & Neskovic, Nenad & Kvolik, Slavica. (2023). Advances in Analgosedation and Periprocedural Care for Gastrointestinal Endoscopy. Life. 13. 473. 10.3390/life13020473.

Neskovic, Nenad; Klepo, Davor; Janosevic, Tamara; Kocur, Josip; Budrovac, Dino; Harsanji Drenjancevic, Ivana. The impact of the COVID-19 pandemic on the length of management of polytraumatized patients in the emergency department // Disaster and Emergency Medicine Journal, 8 (2023), 3; 151-156. doi: 10.5603/DEMJ.a2023.0026.

Cicvarić, Ana & Tahtler, Josipa & Turk, Tajana & Skrinjaric Cincar, Sanda & Koulenti, Despoina & Neskovic, Nenad & Edl, Mia & Kvolik, Slavica. (2024). Ventilation Management in a Patient with Ventilation–Perfusion Mismatch in the Early Phase of Lung Injury and during the Recovery. *Journal of Clinical Medicine*. 13. 871. 10.3390/jcm13030871.

Glavas Tahtler, J., Djapic, D., Neferanovic, M., Miletic, J., Milosevic, M., Kralik, K., Neskovic, N., Tomas, I., Mesaric, D., Marjanovic, K., Rajc, J., Orkic, Z., Cicvaric, A., & Kvolik, S. (2023). Long-Term Outcomes of Breast Cancer Patients Receiving Levobupivacaine Wound Infiltration or Diclofenac for Postoperative Pain Relief. *Pharmaceutics*, 15(9), 2183. <https://doi.org/10.3390/pharmaceutics15092183>

Glavas, Josipa & Djapic, Dajana & Neferanovic, Marina & Miletic, Jelena & Milosevic, Marta & Kralik, Kristina & Neskovic, Nenad & Tomas, Ilijan & Mesaric, Dora & Marjanovic, Ksenija & Rajc, Jasmina & Orkic, Zelimir & Cicvaric, Ana & Kvolik, Slavica. (2023). Effects of Postoperative Wound Infiltration Analgesia with Bupivacaine or Diclofenac on Long-Term Outcomes in Patients after Breast Cancer Surgery. *Pharmaceutics*. 15. 2183. 10.3390/pharmaceutics15092183.

Neskovic, Nenad & Mandic, Dario & Marczi, Saska & Skiljic, Sonja & Kristek, Gordana & Vinkovic, Hrvoje & Mraovic, Boris & Debeljak, Zeljko & Kvolik, Slavica. (2023). Corrigendum: Different pharmacokinetics of tramadol, O-demethyltramadol and N-demethyltramadol in postoperative surgical patients from those observed in medical patients. *Frontiers in Pharmacology*. 14. 10.3389/fphar.2023.1250698.

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Neskovic, Nenad & Drenjančević, Domagoj & Kvolik, Slavica & Skiljic, Sonja & Budrovac, Dino & Drenjančević, Ivana. (2023). Predictive role of selected biomarkers in differentiating gram-positive from gram-negative sepsis in surgical patients: a retrospective study. *Anaesthesiology intensive therapy*. 55. 319-325. 10.5114/ait.2023.134214.

Nešković, Nenad; Mandić, Dario; Marczi, Saška; Škiljić, Sonja; Kristek, Gordana; Vinković, Hrvoje; Mraović, Boris; Debeljak, Željko; Kvolik, Slavica. Different Pharmacokinetics of Tramadol, O-Demethyltramadol and N-Demethyltramadol in Postoperative Surgical Patients From Those Observed in Medical Patients. // *Frontiers in pharmacology*, 12 (2021), 656748, 10 doi:10.3389/fphar.2021.656748 (international peer review, article, scholarly)

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Kristek, Gordana; Radoš, Ivan; Kristek, Dalibor; Kapural, Leonardo; Nešković, Nenad; Škiljić, Sonja; Horvat, Vesna; Mandić, Sanja; Haršanji- Drenjančević, Ivana
 Influence of postoperative analgesia on systemic inflammatory response and postoperative cognitive dysfunction after femoral fractures surgery: a randomized controlled trial. // Regional anesthesia and pain medicine, 44 (2019), 59-68 doi:10.1136/ramp-2018-000023 (international peer review, article, scholarly)

Professional papers

Kristek, Gordana; Kvolik, Slavica; Škiljić, Sonja; Kristek, Dalibor; Haršanji Drenjančević, Ivana; Nešković, Nenad; Majdenić Štaba, Aurelija
 Short bowel syndrome in septic patients: a case report. // Liječnički vjesnik : glasilo Hrvatskoga liječničkog zbora, 142 (2020), 6-10 doi:10.26800/LV-142-1-2-2 (peer review, article, professional)

Other journal papers

Nešković, Nenad; Marczi, Saška; Mandić, Dario; Mraović, Boris; Škiljić, Sonja; Kristek, Gordana; Vinković, Hrvoje; Kvolik, Slavica
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Radmilovic, Goranka; Popović Grle, Sanja; Matijević, Valentina; Nešković, Nenad
 The influence of depression, anxiety and stress on changes in locomotor parameters in patients who are prone to develop COPD. // Psychiatria Danubina. Supplement, 33 (2021), 167-167 (peer review, other, scholarly)

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 Role of continuous renal replacement therapy in severe rhabdomyolysis with multiple organ failure due to methandriol abuse. // Liječnički vjesnik : glasilo Hrvatskoga liječničkog zbora, 142 (2020), 14-16 doi:10.26800/LV-142-1-2-4 (peer review, article, other)

Šakić-Zdravčević, Kata; Bernatović, Nikolina; Danilović, Marija; Draguljić, Marija; Štefak Jadrijević, Ana; Jakšić, Miroslava; Klancir, Tino; Leko, Ivana; Kvaternik, Ines; Slunjski, Krešimir et al.
 Days of postgraduated specialistic study in Anaesthesiology, Reanimathology and Intensive medicine. // Medica Jadertina, 47 (2017), 1-48 (information about peer review not available, short communication, professional)

Conference proceedings papers

Škiljić, Sonja; Kristek, Gordana; Nešković, Nenad; Azenić, Darija; Kvolik, Slavica
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 Nevena (ed.).
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Groznica, Ivana; Kalem, Tomislav; Nešković, Nenad; Kibel, Aleksandar. Precision in Action: Da Vinci Robotic-
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 cardiovascular health / Prigl, IvaN Bećarević, Anamarija; Purgar Ema (ur.). Osijek: Medicinski fakultet Osijek, 2025.
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Nešković, Nenad; Kvolik, Slavica; Mandić, Dario; Debeljak, Željko; Šerić, Vatroslav; Škiljić, Sonja; Marczi, Saška
 Tramadol metabolism and systemic inflammation after major abdominal surgery: a prospective observational
 study. // Intensive Care Medicine Experimental
 Madrid, Španjolska, 2020. pp. 593-593 doi:10.1186/s40635-020-00354-8 (poster, international peer review,
 abstract, other)

Kristek, Gordana; Kvolik, Slavica; Kristek, Dalibor; Nešković, Nenad; Škiljić, Sonja; Haršanji Drenjančević, Ivana
 Septic shock caused by pleural empyema: diagnostic and therapeutic approach. // Belgrade Anaesthesia Forum,
 Book of proceedings and abstracts
 Beograd: „La-pressing“ – Lajkovac, 2020. pp. 88-89 (poster, international peer review, abstract, professional)

Kristek, Gordana; Radoš, Ivan; Kristek, Dalibor; Škiljić, Sonja; Nešković, Nenad; Vinković, Hrvoje; Haršanji-
 Drenjančević, Ivana
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Kristek, Gordana; Radoš, Ivan; Kristek, Dalibor; Škiljić, Sonja; Nešković, Nenad; Haršanji Drenjančević, Ivana;
 Vinković, Hrvoje
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Nešković, Nenad; Kvolik, Slavica; Mandić, Dario; Debeljak, Željko

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Gama-butyrolactone (GBL) intoxication. // Zbornik radova Drugog Beogradskog anestezijskog foruma: novine u anesteziologiji, reanimatologiji i intenzivnom lečenju / Kalezić, Nevena (ed.).

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Nešković, Nenad; Perić Kačarević, Željka; Radić, Radivoje

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Kijev: Institute of Molecular Biology and Genetics of the NAS of Ukraine, 2012. pp. 91-91.

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Nešković, Nenad; Kvolik, Slavica; Mandić, Dario; Marczi, Saška; Škiljić, Sonja; Kristek, Gordana; Vinković, Hrvoje
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Sveti Martin na Muri, Hrvatska, 2021. (poster, local peer review, pp slides, other)

Kristek, Gordana; Kvolik, Slavica; Škiljić, Sonja; Kristek, Dalibor; Haršanji Drenjančević, Ivana; Nešković, Nenad;

Short bowel syndrome in septic patients: A case report. // 43rd Symposium of Intensive Medicine

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Kristek, Gordana; Radoš, Dalibor; Škiljić Kristek, Sonja; Nešković, Nenad; Vinković, Hrvoje; Haršanji-Drenjančević, Ivana. Comparison of intravenous and epidural patient- controlled analgesia in elderly after femoral fractures surgery: randomized controlled trial // Pain in Europe XI : bringing the future to the present : 11th congress of the European Pain Federation EFIC : abstract book. Bruxelles: European Pain Federation, 2019. str. 172-172

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Clinical trial and pain therapy in critically ill patients.. // Scientific meeting of MAITT
 Bikal, Mađarska, 2018. (lecture, international peer review, unpublished, scholarly)

Nešković, Nenad

Clostridium difficile. // 3rd SOS Team days
 Subotica, Srbija, 2016. (lecture, unpublished, professional)

Nešković, Nenad; Ivić, Dubravka

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Theses

Doctoral dissertation

Nešković, Nenad

Plasma concentrations of tramadol, O-demethyltramadol and N-demethyltramadol in patients admitted to the intensive care unit after major abdominal surgery., 2021., doktorska disertacija, Medicinski fakultet, Osijek

Other papers

Kristek, Gordana; Rados, Ivan; Kristek, Dalibor; Kapural, Leonardo; Neskovic, Nenad; Skiljic, Sonja; Horvat, Vesna; Mandic, Sanja; Harsanji-Drenjancevic, Ivana

Response to 'Might complications of analgesic regimen affect cognitive assessment and how to diagnose POCD?' by Sungur and Senturk., 2020. doi:10.1136/rapm-2020-101420 (international peer review, other).