



Curriculum Vitae

HRZZ Form

PERSONAL INFORMATION

Name and surname **Nenad Karanović**
 Academic title M.D., Ph.D.
 Year and institution 2010.
 of PhD obtained University of Split School of Medicine
 Address Poljička cesta 7, 21000 Split
 Phone 091 1556 123
 Fax 021 556 580
 E-mail nenad.karanovic@gmail.com
 Personal web page none
 Citizenship Croatian
 Date and place of birth May 2nd 1955, Zagreb

WORK EXPERIENCE¹

(CHRONOLOGICALLY*)

Date (from – until) 2012. – now
 Institution University Hospital Center Split
 Position Head of the Department
 Work field Cardiac anesthesia and intensive care

WORK EXPERIENCE²

(CHRONOLOGICALLY*)

Date (from – until) 1989.-2012.
 Institution University Hospital Center Split
 Position Staff anesthesiologist
 Work field Anesthesiology and intensive care

WORK EXPERIENCE³

(CHRONOLOGICALLY*)

Date (from – until) 1985-1989.
 Institution Former Military Hospital Split
 Position Resident
 Work field Anesthesiology and intensive care

WORK EXPERIENCE⁴

(CHRONOLOGICALLY*)

Date (from – until) 1981.-1985.
 Institution Primary care
 Position General practitioner
 Work field General practice

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^{2,2,3} Please add rows to enter all required information

* all information in the document should be entered chronologically – from the most recent to the oldest

^{3,2,3} Please add rows to enter all required information

* all information in the document should be entered chronologically – from the most recent to the oldest

^{4,2,3} Please add rows to enter all required information

* all information in the document should be entered chronologically – from the most recent to the oldest

EDUCATION⁵
(CHRONOLOGICALLY)

Date 2010.
 Place Split, Croatia
 Institution University of Split, School of Medicine
 Title of qualification awarded Ph.D.

EDUCATION⁶
(CHRONOLOGICALLY)

Date 2002.
 Place Split, Croatia
 Institution University of Split, School of Medicine
 Title of qualification awarded M. Sc.

EDUCATION⁷
(CHRONOLOGICALLY)

Date 1989.
 Place Belgrade, Yugoslavia
 Institution Medical Military Academy
 Title of qualification awarded Specialist in anesthesiology and reanimatology (staff anesthesiologist and critical care physician)

EDUCATION⁸
(CHRONOLOGICALLY)

Date 1979.
 Place Zagreb, Croatia
 Institution University of Zagreb, School of Medicine
 Title of qualification awarded M.D.

TRAINING
(CHRONOLOGICALLY)

Year 2010.
 Place Barcelona, Spain
 Institution University of Barcelona
 Subject and skills covered Advanced International Training Course in Transplant Coordination. Transplant Procurement Management

TRAINING
(CHRONOLOGICALLY)

Year 2009.
 Place Island of Pag, Croatia
 Institution ESTES Section for Disaster Medicine & Military Surgery
 Subject and skills covered Training of Hospital Response for Major Incidents Course –THRMI

TRAINING
(CHRONOLOGICALLY)

Year 2008.
 Place Zürich, Switzerland
 Institution Triemli Hospital, Department of Cardiac Surgery
 Subject and skills covered Cardiac anesthesia and intensive care

TRAINING
(CHRONOLOGICALLY)

Year 2003. – 2007.
 Place Zagreb, Croatia
 Institution University Hospital „Dubrava“

Subject and skills covered Cardiac anesthesia and intensive care

TRAINING
(CHRONOLOGICALLY)

Year 2007.

Place Vienna, Austria

Institution Medical University of Vienna

Subject and skills covered Intensive Training Course on General Didactics TEMPUS-Project STEAMED.

TRAINING
(CHRONOLOGICALLY)

Year 2007.

Place Split, Croatia

Institution University of Split, School of Medicine

Subject and skills covered INTEL-M Course „Train the Trainee Seminar“ (microteaching, OSCE, PBL, clinical skill, sandwich).

TRAINING
(CHRONOLOGICALLY)

Year 2004.

Place Budapest, Hungary

Institution Department of Cardiovascular surgery, Semmelweis University

Subject and skills covered Cardiovascular anesthesia and intensive care

TRAINING
(CHRONOLOGICALLY)

Year 2002

Place Milwaukee, Wisconsin, USA

Institution Veteran Affairs and Froedtert Hospital, Milwaukee, Wisconsin, USA

Subject and skills covered Cardiac anesthesia

TRAINING
(CHRONOLOGICALLY)

Year 2002.

Place Milwaukee, Wisconsin, USA

Institution Medical College of Wisconsin

Subject and skills covered Respiratory physiology – Breathing control

TRAINING
(CHRONOLOGICALLY)

Year 1981.

Place Split, Croatia

Institution Institute of Naval Medicine

Subject and skills covered Hyperbaric oxygenation and treatment. Diving medicine.

LANGUAGES

MOTHER TONGUE Croatian
ENGLISH LANGUAGE
Speaking Yes
Writing Yes
Reading Yes

OTHER FOREIGN LANGUAGES⁹

Language **French**
Speaking Yes
Writing No
Reading Yes

RESEARCH AND OTHER PROJECTS

(CHRONOLOGICALLY; LEADER AND ASSOCIATES; FUNDING SOURCE)

- 2007.- 2012. Researcher in scientific grant of Croatian Ministry of Science, Education, and Sport "Neural control of breathing in sleep and alert state". Main researcher Zoran Đogaš, MD, PhD, professor.
- 2010. PhD. thesis "Hypoxic ventilatory response under influence of halothane, isoflurane, and sevoflurane monitored with changes of activity of phrenic nerve". Mentor Zoran Đogaš, MD, PhD, professor.
- 2002.-2006. Researcher in scientific grant of Croatian Ministry of Science, Education, and Sport "Neurotransmitters in control of breathing". Main researcher Zoran Đogaš, MD, PhD, professor.
- 2002. Master of science thesis "The influence of rocuronium to oculocardiac reflex at the child strabismus surgery in halothane anesthesia". Mentor Zoran Đogaš, MD, PhD, professor.

TEACHING**(CHRONOLOGICALLY; UNDERGRADUATE, GRADUATE , POSTGRADUATE STUDY PROGRAMMES)**

1. Postgraduate: 2004 – now: lecturer on postgraduate courses in anesthesia and intensive care under the auspice of Fondation Europeenne d'Enseignement en Anesthesiologie (F.E.E.A.), and from 2010. Committee for European Education in Anaesthesiology (C.E.E.A.).
2. Postgraduate: 2009. Organization of burn care in Republic of Croatia and treatment of burn injuries.
3. Graduate: 1999. –now: Anesthesiology and intensive medicine: medical and dental medicine students
4. Graduate: 2010.- now: Clinical skills I and II: medical and dental medicine students
5. Graduate and postgraduate: 2004. – now: lecturer in international courses in *Emergency medicine* in organization of European medical students' association (EMSA), School of Medicine of University of Zagreb – *Summer school*
6. Undergraduate: 1999. –now: Anesthesiology and intensive medicine

AWARDS AND RECOGNITIONS**(CHRONOLOGICALLY)**

- 2011. Diploma of the Croatian Physicians' Society for significant contribution in professional, scientific, and ethic principles and improvement of national health
- 2009. Acknowledgements of the Institute for Maritime Medicine of the Croatian Navy
- 2008. Acknowledgements of the Croatian Physicians' Society for improving medical profession, improving health and humanitarian activity
- Acknowledgements of the Croatian Physicians' Society for the participation in war for freedom
- Acknowledgements of the Croatian Hospital at Nova Bila, Bosnia and Herzegovina

ORGANIZATIONAL SKILLS AND COMPETENCES**(CHRONOLOGICALLY; ORGANIZATION OF HOME AND INTERNATIONAL SCIENCE EVENTS)**

- 2012: International symposium "Hot Topics in Cardiac Anesthesia and Intensive Care" Bol, Island of Brač
- 2011: Mini Symposium of Organ donation, Split
- 2005: Member of the organization board of The International Course in obstetric analgesia, Bol, Island of Brač

MEMBERSHIP IN SCIENCE ORGANIZATIONS AND BODIES**(CHRONOLOGICALLY; HOME AND INTERNATIONAL ORGANIZATIONS AND BODIES)**

- Croatian Society for Anesthesia and Intensive Care
- Croatian Society for Intensive Medicine
- Croatian Society for Maritime, Undersea, and Hyperbaric Medicine
- Croatian Society for Somnology
- Croatian Society for Cardiothoracic Surgery and Anesthesia
- European Society of Anesthesiologists
- European Association of Cardiothoracic Anesthesiologists
- European Society of Intensive Care Medicine

COMMISSIONS, COMMITTEES, BOARDS AND WORK GROUPS

(CHRONOLOGICALLY; HOME AND INTERNATIONAL)

- 2012.- now: member of The Committee for Anesthesiology, Reanimatology and Intensive Medicine of Croatian Ministry of Health
- 2012. – now: member of working group for specialization of medical doctors, Croatian Ministry of Health
- 2010.-now: coordinator of Ministry of Health for explantation at the University Hospital Center Split
- 2010. – now: member of Board of Croatian society of Anesthesia, and Intensive Care
- 2007 – now: member of Board of Croatian society of Intensive Medicine
- 2005.-2009. member of the Committee for Education of the University of Split School of Medicine
- 2007.-2008. member of the Council of the University of Split School of Medicine
- 2005: Member of the organization board of The International Course in obstetric analgesia
- 2002.-2004. member of he Council of the University of Split School of Medicine

PAPERS

(CHRONOLOGICALLY; RESEARCH BOOKS, HOME AND INTERNATIONAL RESEARCH JOURNALS, HOME AND INTERNATIONAL CONFERENCE PROCEEDINGS; ; PLEASE PROVIDE THE H INDEX AND THE TOTAL NUMBER OF CITATIONS)

Home and international Journals

1. Carev M, **Karanovic N**, Bagatin J, Berovic Matulic N, Pecotic R, Valic M, Marinovic-Terzic I, Karanovic S, Zoran Dogas. Blood Pressure Dipping and Salivary Cortisol as Markers of Fatigue and Sleep Deprivation in Staff Anesthesiologists. *Coll Antropol* 2011; 35, Suppl 1: 133-138.
2. **Karanovic N**, Carev M, Kardum G, Tomanovic N, Stuth E, Gal J, Tonkovic - Capin M, Dogas V, Racic G, Dogas Z. Succinylcholine Use in Adult Anesthesia – A Multinational Questionnaire Survey. *Coll Antropol* 2011; 35, Suppl 1: 183–190.
3. **Karanovic N**, Pecotic R, Valic M, Jeroncic A, Carev M, Karanovic S, Ujevic A, Dogas Z. The acute hypoxic ventilatory response under halothane, isoflurane, and sevoflurane anaesthesia in rats. *Anaesthesia* 2010; 65: 227-234.
4. Carev M, Bulat C, **Karanović N**, Lojpur M, Jerčić A, Nenadić D, Marović Z, Husedžinović I, Letica D. Combined usage of inhaled and intravenous milrinone in pulmonary hypertension after heart valve surgery. *Coll Antropol* 2010; 34: 1113-7.
5. Carev M, Valic M, Pecotic R, **Karanovic N**, Valic Z, Pavlinac I, Dogas Z. Propofol abolished the phrenic long term facilitation in rats. *Respir Physiol Neurobio.* 2010;170: 83-90.
6. Zelenika D, **Karanović N**. Diffusion lung capacity of patients with arterial hypertension. *Coll Antropol* 2009; 33 Suppl 2: 165-7.
7. **Karanovic N**, Carev M, Kardum G, Pecotic R, Valic M, Karanovic S, Ujevic A, Dogas Z. The impact of a single 24-hour working day on cognitive and psychomotor performance in staff anesthesiologists. *Eur J Anaesthesiol* 2009; 26: 10: 825-832.
8. **Karanovic N**, Carev M, Ujevic A, Kardum G, Dogas Z. Association of oculocardiac reflex and postoperative nausea and vomiting in strabismus surgery in children anaesthetized with halothane and nitrous oxide. *Paediatr Anaesth* 2006;16: 948-954.
9. Roje Z, Roje Ž, **Karanovic N**, Utrobicic I. Abdominoplasty complications: A comprehensive approach for the treatment of chronic seroma with pseudobursa. *Aesth Plast Surg* 2006; 30: 611-615.
10. **Karanovic N**, Jukic M, Carev M, Kardum G, Dogas Z. Rocuronium attenuates oculocardiac reflex during squint surgery in children anesthetized with halothane and nitrous oxide. *Acta Anaesthesiol Scand* 2004; 48: 1301-5.
11. Ledina D, Ivić I, Karanovic J, **Karanović N**, Kuzmičić N, Ledina D, Puljiz Ž. Campylobacter fetus infection presenting with bacteraemia and cellulitis in patients with implanted pacemaker: a case report. *J Med Case Rep* 2012; 6: 414.
12. Stojanović-Stipić S, Carev M, Roje Ž, Frankić M, Fabijanić D, **Karanović N**. Intravenous anaesthesia for adenoidectomy in a 3-year-old child with Kartagener syndrome and sleep disordered breathing. *Signa Vitae* 2011; 6: 91-93.
13. Carev M, **Karanović N**, Đogaš Z. [The introduction of sugamadex into clinical practice in Croatia – the role of succinylcholine re-visited] Uvođenje sugamadeksa u kliničku praksu u Hrvatskoj – reevaluacija uloge sukcinil-kolina. *Lijec Vjesn* 2010; 132: 182
14. Carev M, **Karanović N**, Ujević A, Kardum G, Čengić V, Funck N, Čulić N, Račić G, Đogaš Z. [Succinylcholine use by anesthesiologists in Croatia – is it really abandoned] Uporaba sukcinil-kolina među hrvatskim anesteziolozima-je li taj lijek zaista odbačen. *Lijec Vjesn* 2010; 132: 8-13.
15. Carev M, **Karanović N**, Đogaš Z. [Obstructive sleep apnea and anesthesia]. Opstruktivska apneja tijekom spavanja i anestezija. *Lijec Vjesn* 2008; 130: 78-86.
16. Ledina D, Karanović J, Ivić I, **Karanović N**, Ledina D. [Haemophilus parainfluenzae--a rare cause of endocarditis] Haemophilus parainfluenzae – rijedak uzročnik endokarditisa. *Acta Med Croat* 2007; 61: 219-22

Number of citations 32

Home and International Conference Proceedings

1. Đogaš Z, Pecotić R, Carev M, **Karanović N**, Valić M, Dodig IP, Brisky L, Brisky T, Račić G. Assessment of screening tests for obstructive sleep apnoea syndrome in pre-operative surgical patients. *J Sleep Res* 2012; 21 (Suppl 1): 225.
2. Marinov V, **Karanović N**, Pecotic R, Valić M, Pavlinac I, Dogas Z. Sevoflurane and isoflurane abolished the phrenic long term facilitation in rats. *Eur J Anaesthesiol* 2011; 28 (Suppl 48): 73.
3. Ilić N, Juričić J, Banović J, Krnić D, **Karanović N**, Lojpur M, Frleta-Ilić N, Čović Z. Improved staging using intraoperative ultrasound for mediastinal lymphadenectomy in NSCLC surgery. *Eur J Cancer Suppl* 2009; 7: 511

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4. **Karanovic N**, Pecotic R, Valic M, Carev M, Dogas Z. The effects of sevoflurane, isoflurane, and halothane on the pattern of phrenic nerve activity in response to acute hypoxia in rats. *Eur J Anaesthesiol* 2008; 25 (Suppl 44): 71

COMPUTER SKILLS

Implementation of Microsoft Office, and Corel draw programs.

OTHER IMPORTANT SKILLS AND COMPETENCES

Communication in critical situations

Sport: Diving, alpine skiing,

Artistic skills: Member of the Physicians' choir of Split

Driving license

ADDITIONAL INFORMATION AND NOTES

- 2007. – now Head of the Division of Cardiac Anesthesia and Intensive Care, Department of Anesthesiology, Resuscitation and Intensive Care, University Hospital Split

- 2006.-2012. Deputy Head of the Department of Anesthesiology and Intensive Care, University Hospital Split