

HIRURGIJA PERIFERNOG NERVNOG SISTEMA – MULTIDISCIPLINARNI PRISTUP

PRIKAZ KNJIGE

BOOK REVIEW

SURGERY OF THE PERIPHERAL NERVOUS SYSTEM – A MULTIDISCIPLINARY APPROACH

Urednik: Lukas Rasulić

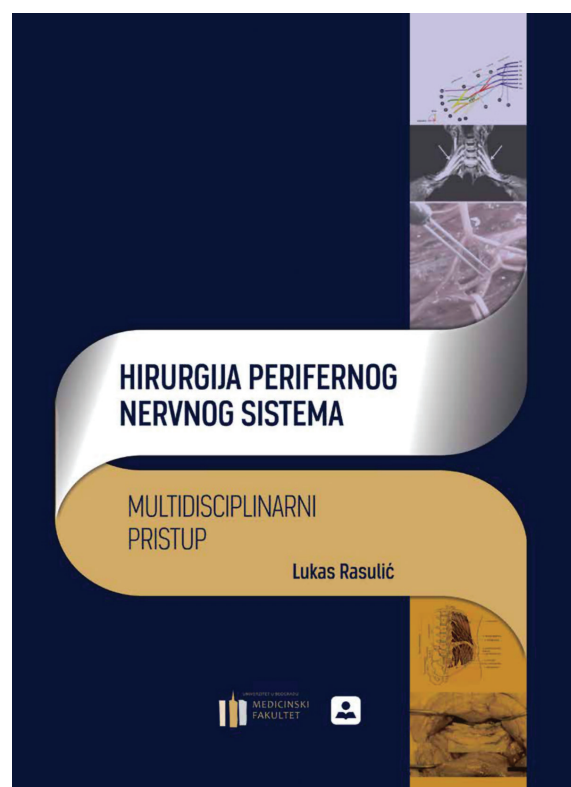
Izdavač: Medicinskog fakulteta Univerziteta u Beogradu, JP Zavoda za udžbenike i Udruženja neurohirurga Srbije, Beograd, 2020

ISBN 978-86-80922-608-02-7

Editors: Lukas Rasulić

Publisher: Faculty of Medicine of the Belgrade University, the Public Enterprise Zavod za udžbenike, and the Serbian Neurosurgical Society, Belgrade, 2020

ISBN 978-86-80922-608-02-7



HIRURGIJA PERIFERNOG NERVNOG SISTEMA – MULTIDISCIPLINARNI PRISTUP, urednika prof. dr Lukasa Rasulića, kao saizdavački poduhvat Medicinskog fakulteta Univerziteta u Beogradu, JP Zavoda za udžbenike i Udruženja neurohirurga Srbije, predstavlja kapitalno delo od izuzetnog značaja u oblasti medicinskih nauka.

Medicinski fakultet Univerziteta u Beogradu je svojom Odlukom Veća za specijalističku nastavu 04 br. 39 –128 /40-15, od 18.11.2020., prepoznao ovo kapitalno delo, prihvatio pozitivnu recenziju i odobrio korišćenje ove knjige za poslediplomsko usavršavanje lekara.

Knjiga HIRURGIJA PERIFERNOG NERVNOG SISTEMA - MULTIDISCIPLINARNI PRISTUP predstavlja prvo sveobuhvatno izdanje koja se transdisciplinarno bavi hirurgijom perifernog nervnog sistema i rezultat je dugogodišnjih zajedničkih napora 55 pojedinaca koji su

SURGERY OF THE PERIPHERAL NERVOUS SYSTEM – A MULTIDISCIPLINARY APPROACH, by the editor Professor Lukas Rasulić, a joint publishing endeavor of the Faculty of Medicine of the Belgrade University, the Public Enterprise *Zavod za udžbenike*, and the Serbian Neurosurgical Society, is a publication of monumental significance and exceptional value in the field of medical science.

With its decision, 04 No. 39 –128 /40-15, adopted on November 18, 2020 by the Council for Specialist Education, the Faculty of Medicine of the University of Belgrade recognized the monumental significance of this manuscript, accepted the positive review for this book and approved its use in graduate medical education.

The book SURGERY OF THE PERIPHERAL NERVOUS SYSTEM – A MULTIDISCIPLINARY APPROACH represents the first comprehensive publication dealing with the sur-

svoju profesionalnu karijeru posvetili različitim aspektima predmetne oblasti.

Koncept knjige je kombinacija klasičnog udžbenika i modernog tematskog priručnika, a autori poglavlja su najpoznatiji stručnjaci iz pojedinih segmenata predmetne oblasti u Srbiji. Knjiga pruža celovit uvid u savremena znanja o svim problemima patologije perifernog nervnog sistema, sa posebnim akcentom na praktična saznanja o dijagnostici i terapiji. Knjiga ima ukupno 630 strana (5 delova sa 33 poglavlja na 586 strana), 313 slika (od kojih su sve intraoperativne fotografije nastale tokom operacija izvedenih od strane urednika i autora poglavlja), 55 tabela i 3 grafikona, a namenjena je aktivnim hirurzima, koji se bave ovom oblašću, kao i ostalim stručnjacima različitih specijalnosti, kao što su neurohirurzi, ortopedi, vaskularni i plastični hirurzi, fizijatri, neurolozi, radiolozi, neurofiziolozi, ali i svim ostalim lekarima koji učestvuju u dijagnostikovanju i lečenju pacijenata sa povredama i oboljenjima perifernih nerava.

Hirurgija perifernog nervnog sistema predstavlja jednu od oblasti medicine koja se nalazi na „ničijoj zemlji“, između inače dobro definisanih oblasti, te često ostaje gotovo neprimećena, usled verovanja da se radi o ekspertizi drugih. Važnost ove knjige se ogleda u tome što nijedna knjiga do sada nije prikazala ovu oblast uzimajući u obzir sve aspekte, a čak preko 40% populacije pati od različitih vrsta patologije perifernog nervnog sistema. Republika Srbija ima jednog od svetski najpriznatijih stručnjaka u toj oblasti. Prof. dr Lukas Rasulić je zbog zasluga za stručni i naučni razvoj ove oblasti zadobio poverenje međunarodne neurohirurške zajednice i trenutno je predsedavajući Odbora za hirurgiju perifernog nervnog sistema u okviru dve najveće svetske neurohirurške asocijacije – Evropske asocijacije neurohirurških udruženja (EANS) i Svetske federacije neurohirurških udruženja (WFNS). Svojim zalaganjem, znanjem i autoritetom, prof. dr Lukas Rasulić je uspeo da okupi, ne samo svoje kolege neurohirurge, već i najeminentnije stručnjake iz drugih oblasti medicinskih nauka – neurologe, fizijatre, plastične hirurge, ortopede, vaskularne hirurge, radiologe, pedijatre, fiziologe i anesteziologe, koji su, u ovoj knjizi, ukazali na značaj primene multidisciplinarnog pristupa u lečenju povreda i oboljenja perifernog nervnog sistema.

Čitaocima ova knjiga nudi savremen sveobuhvatan pristup hirurgiji perifernog nervnog sistema, pružajući neophodno znanje svima koji su u svakodnevnoj praksi zainteresovani za lečenje pacijenata sa povredama i oboljenjima perifernog nervnog sistema. Može se koristiti kao konsultativni priručnik za specijaliste sa iskustvom, ali takođe može dati neophodne smernice lekarima koji se nalaze pred odlukom o izboru specijalizacije i nameravaju da posvete svoj profesionalni razvoj i nastavak karijere upravo ovoj oblasti.

gery of the peripheral nervous system through a transdisciplinary approach. It is the result of the long-lasting joint effort of 55 individuals who dedicated their professional career to the different aspects of this subject area.

The concept of the book is a combination of a classical textbook and a modern subject-based handbook, while the authors of the chapters are the most eminent experts in the individual segments of this subject area in Serbia. The book offers a comprehensive insight into the current knowledge on all the problems of peripheral nervous system pathology with a special focus on practical insights into diagnostics and therapy. The book has a total of 630 pages (5 segments with 33 chapters on 586 pages), 313 pictures (all of which are intraoperative photographs made during operations performed by the editor and authors of the chapters), 55 tables and three graphs. It is intended for surgeons actively involved in this field, as well as other experts in different specialties, such as neurosurgeons, orthopedic surgeons, vascular surgeons, plastic surgeons, physiatrists, neurologists, radiologists, neurophysiologists, and all other doctors involved in diagnosing and treating patients with injuries and diseases of the peripheral nerves.

Surgery of the peripheral nervous system represents one of the areas of medicine which finds itself in “no man’s land”, in between other, well defined areas, which is why it often remains almost unnoticed, due to the belief that it is in the domain of the expertise of others. The importance of this book is reflected in the fact that no other book before it had presented this field by taking into consideration all the necessary aspects, while at the same time more than 40% of the population suffer from different types of peripheral nervous system pathology. The Republic of Serbia has one of the most eminent international experts in the field. Professor Lukas Rasulić, PhD has earned the recognition of the international neurosurgery community due to his contribution to the scientific and professional development of this field. He is currently the Chair of the Board for Peripheral Nervous System Surgery within the two largest neurosurgical associations in the world – European Association of Neurosurgical Societies (EANS) and the World Federation of Neurosurgical Societies (WFNS). With his efforts, expertise and authority, Professor Lukas Rasulić has managed to bring together, not just his colleagues – neurosurgeons, but also the most eminent experts from other fields of medicine – neurologists, physiatrists, plastic surgeons, orthopedic surgeons, vascular surgeons, radiologists, pediatricians, physiologists, and anesthesiologists, who have, in this book, demonstrated the significance of the application of the multidisciplinary approach in treating injuries and diseases of the peripheral nervous system.

REKLI SU O KNJIZI:

Imao sam zadovoljstvo da recenziram monografiju čiji je urednik prof. Lukas Rasulić - HIRURGIJA PERIFERNOG NERVNOG SISTEMA – MULTIDISCIPLINARNI PRISTUP. Postoje oblasti u medicini koje imaju nesreću da se nalaze na „ničijoj zemlji“, između inače dobro definisanih oblasti (u ovom slučaju pored neurohirurgije, neurologija, ortopedija, traumatologija, reumatologija i sl.), i mogu dugo ostati gotovo neprimećene usled verovanja da se radi o ekspertizi drugih. A od bolesti perifernog nervnog sistema pati najmanje 40% ukupne populacije. Multidisciplinarnost je poštovana i u tekstu koji sam dobio, jer je urednik okupio 55 autora iz različitih oblasti medicine. Priznanje zahteva i udžbenička obuhvatnost teksta, koji je na 568 strana zaista obradio celinu problema, sistematizujući ga u 5 delova sa 33 poglavlja. Tekst je napisan izuzetno pitko i obogaćen je grafički sa 313 slika, 55 tabela i 3 grafikona.

Radi se o jedinstvenom tekstu u nas, ali i u širim koordinatama, a meni preostaje da čestitam autorima na ambicioznom poduhvatu koji su veoma uspešno realizovali.

Akademik Vladimir S. Kostić, neurolog
Redovni profesor Medicinskog fakulteta Univerziteta u Beogradu
Predsednik Srpske akademije nauka i umetnosti - SANU

Rukopis je sveobuhvatna publikacija o hirurgiji perifernog nervnog sistema. Publikacija je organizovana po poglavljima i potpoglavljima u kojima se od osvrta na opšti razvoj hirurgije perifernog nervnog sistema, morfologije i fiziologije, metoda dijagnostike dolazi do prikaza metoda hirurškog lečenja za pojedine sindrome povreda i oboljenja. Značajno je da su publikacijom obuhvaćene udružene povrede perifernog nervnog sistema sa vaskularnim i mišićno-skeletnim povredama, kao i metode funkcionalne rekonstrukcije kod ireparabilnih lezija perifernog nervnog sistema. U publikaciji je posvećena pažnja rehabilitaciji, suplementarnim metodama i kvalitetu života pacijenata sa oboljenjem i povredama perifernog nervnog sistema.

Organizacija poglavlja, koncepcija izlaganja pojedinih tematskih poglavlja, sublimacija najnovijih saznanja u multidisciplinarni pristup dijagnostici, lečenju i rehabilitaciji heterogenoj oblasti oboljenja i povreda perifernog nervnog sistema, kao i estetsko grafički elementi preporučuju ovaj rukopis višestruko.

Prof. Dr Ljubica Konstantinović, redovni profesor
Klinika za rehabilitaciju „dr Miroslav Zotović“
Medicinski fakultet Univerziteta u Beogradu

Autori su se upustili i uspešno izveli jedan nsvaki-dašnji poduhvat da na jednom mestu, u potpuno razumljivom obliku, pokušaju da daju osnovne informacije

This book provides readers with a contemporary and comprehensive approach to the surgery of the peripheral nervous system, offering the insights necessary to all who are, in their everyday practice, interested in treating patients with injuries or diseases of the peripheral nervous system. It can be used as a handbook to be consulted by experienced specialists, but it can also provide necessary guidelines for doctors who are about to decide which specialty to pursue and who intend to dedicate their professional development and the rest of their career to this particular medical field.

QUOTES FROM THE REVIEWS FOR THIS BOOK:

I had the pleasure of reviewing the monograph, whose editor is Professor Lukas Rasulić - SURGERY OF THE PERIPHERAL NERVOUS SYSTEM – A MULTIDISCIPLINARY APPROACH. There are fields of medicine which have the misfortune of being in “no man’s land”, alongside other, well defined areas (in this case alongside neurosurgery, neurology, orthopedic surgery, traumatology, rheumatology, etc.), and may, therefore, remain unnoticed due to the belief that they are in the domain of the expertise of others. And at the same time, at least 40% of the population suffer from diseases of the peripheral nervous system. A multidisciplinary approach was applied in the text that I received for review, as the editor brought together 55 authors from different medical fields. The textbook scope of the of the manuscript deserves praise, as the entirety of the problem area has been dealt with on 568 pages, whereby the subject matter has been systematically organized within 5 segments, which include 33 chapters. The text is very understandable and easy to read, and it is accompanied by 313 pictures, 55 tables and 3 graphs.

This is a unique text, not just in Serbia, but also in the wider medical community, and what remains for me is to congratulate the authors on an ambitious endeavor which they have completed very successfully.

Academician Vladimir S. Kostić, neurologist
Full Professor at the Faculty of Medicine, University of Belgrade
President of the Serbian Academy of Sciences and Arts - SASA

This manuscript is a comprehensive publication on the surgery of the peripheral nervous system. The publication is organized in chapters and subchapters which elaborate on the the overall development of peripheral nervous surgery, the morphology and physiology, diagnostics methods, and then move on to present the surgical methods applied in individual syndromes, injuries and diseases. It is significant that the book encompasses injuries of the peripheral nervous system correlated with vascular and musculo-skeletal injuries, as well as the methods of functional recon-

o povredama i oboljenjima perifernog nervnog sistema. Zahvaljujući modernom pristupu ovoj oblasti, ova knjiga može veoma korisno poslužiti svima koji su zainteresovani da prošire i obogate svoja znanja o hirurgiji perifernog nervnog sistema.

Prof. dr Miodrag Rakić, redovni profesor
Medicinski fakultet Univerziteta u Beogradu
Klinika za neurohirurgiju Klinički centar Srbije

Ovo delo pisali su vodeći stručnjaci u zemlji koji se bave povredama i oboljenjima perifernog nervnog sistema, ali i jedan broj mladih i perspektivnih lekara, koji su iskazali sposobnost stručnog i profesionalnog pristupa ovoj temi. Veliko iskustvo i znanje, kao i mnoge tajne i zamke sa kojima se autori susreću u svakodnevnom radu, saopštene su u ovoj knjizi.

Procenjujem da, iz navedenih razloga, ovo delo ima poseban značaj za specijaliste sa iskustvom. Ali i za lekare koji se nalaze pred izborom specijalizacije i koji će se možda opredeliti za profesionalni razvoj u ovoj oblasti.

Prof. dr Goran Čobeljić
Redovni profesor u penziji
Medicinski fakultet Univerziteta u Beogradu

struction applied in irreparable lesions of the peripheral nervous system. In this publication, attention is given to rehabilitation, supplementary methods and the quality of life in patients with diseases and injuries of the peripheral nervous system.

The organization of the chapters, the presentation concept of the individual theme-related chapters, the integration of the latest insights into a multidisciplinary approach to the diagnostics, treatment and rehabilitation of a heterogenous area of diseases and injuries related to the peripheral nervous system, as well as the esthetic and visual elements of the book, recommend it to the reader in more ways than one.

Ljubica Konstantinović, PhD, Full Professor
Rehabilitation Clinic Dr. Miroslav Zotović
Faculty of Medicine, University of Belgrade

The authors have undertaken and successfully completed a rare feat, and that is to try and present all the basic information on the injuries and diseases of the peripheral nervous system, in one place and in a completely understandable manner. Owing to its contemporary approach to this field of medicine, this book can be very useful to all interested readers who want to broaden and enrich their knowledge related to the surgery of the peripheral nervous system.

Miodrag Rakić, PhD, Full Professor
Faculty of Medicine, University of Belgrade
Clinic of Neurosurgery, Clinical Center of Serbia

This book was written by the leading experts in the country who deal with injuries and diseases of the peripheral nervous system, but also by a number of young promising doctors, who have proven their ability to approach this topic in a professional manner, demonstrating their expertise. A great body of experience and knowledge, as well as many mysteries and challenges that the authors face in their everyday work are presented in this book.

Based on the reasons stated above, it is my opinion that this book is especially valuable, not only to experienced specialists, but also to doctors who are about to decide which specialty to pursue and who may choose this area as the field of their further professional development.

Goran Čobeljić, PhD
Professor Emeritus
Faculty of Medicine, University of Belgrade