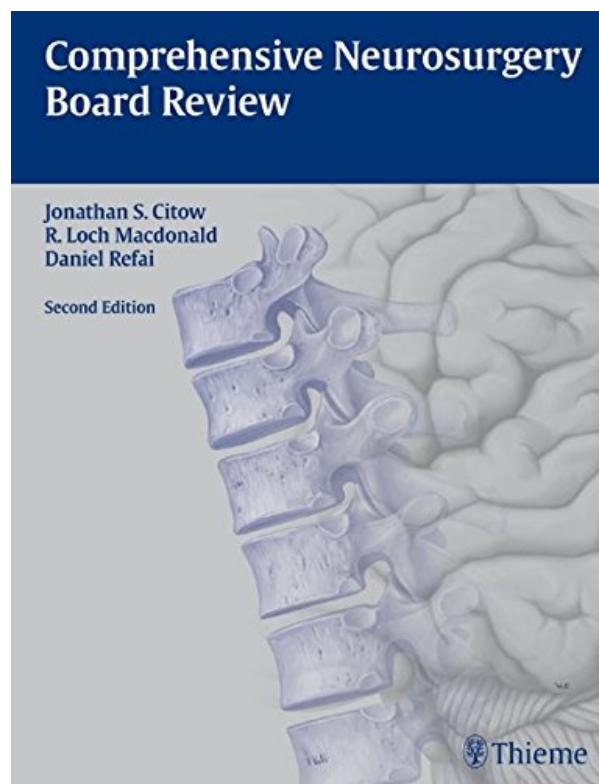


**COMPREHENSIVE NEUROSURGERY  
BOARD REVIEW FROM CITOW, JONATHAN  
S., M.D./ MACDONALD, R. LOCH/ REFAI,  
DANIEL, M.D.**



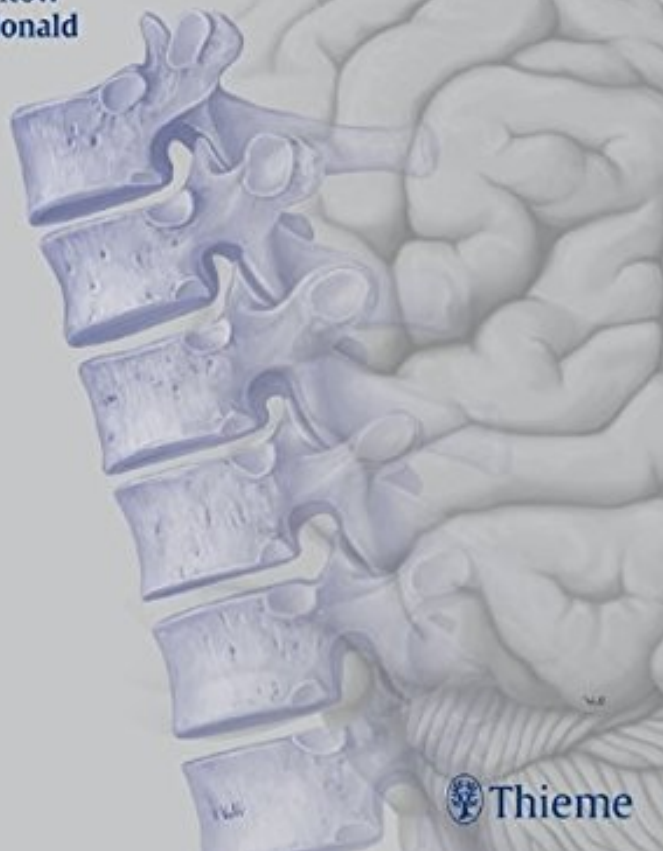
**DOWNLOAD EBOOK : COMPREHENSIVE NEUROSURGERY BOARD REVIEW  
FROM CITOW, JONATHAN S., M.D./ MACDONALD, R. LOCH/ REFAI, DANIEL,  
M.D. PDF**



# Comprehensive Neurosurgery Board Review

Jonathan S. Citow  
R. Loch Macdonald  
Daniel Refai

Second Edition



Click link bellow and free register to download ebook:

**COMPREHENSIVE NEUROSURGERY BOARD REVIEW FROM CITOW, JONATHAN S., M.D./  
MACDONALD, R. LOCH/ REFAI, DANIEL, M.D.**

[DOWNLOAD FROM OUR ONLINE LIBRARY](#)

# **COMPREHENSIVE NEUROSURGERY BOARD REVIEW FROM CITOW, JONATHAN S., M.D./ MACDONALD, R. LOCH/ REFAI, DANIEL, M.D. PDF**

Yeah, checking out a publication **Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D.** can include your pals listings. This is among the solutions for you to be successful. As known, success does not imply that you have fantastic points. Understanding and also understanding even more than various other will certainly provide each success. Beside, the notification and impression of this Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D. could be taken and selected to act.

## **Review**

Clear illustrations in color and monochrome...highly-relevant content in a readable and well-illustrated context...a useful addition in the collection of neurosurgical literature...a good and concise review book on board exam questions.--Surgical Neurology InternationalNeurosurgery residents present chapters in an outline format and cover core concepts in anatomy, physiology, pathology, radiology, neurology, neurosurgery, and critical care, with illustrations...this edition contains added material and updated chapters that include the latest information on the neurosciences, including molecular biology.--Sci-Tech Book NewsPraise for the previous edition:The authors synthesize material from the major reference texts that residents generally use to study for the boards...Dr. Citow, et al., have undertaken a major endeavor and residents will be grateful for their hard work...an excellent review for the written neurosurgical boards and is recommended to all neurosurgery residents.--Journal of NeurosurgeryWell-recognized...[provides] a contemporary update on need-to-know topics in neurosurgery...the anatomical illustrations are of high quality...the short note format of each section will allow readers to capture most important information in the shortest period of time...succinct yet broad in its coverage of material...retain useful information from this well-structured, current review of topics.--Le Journal Canadien des Sciences Neurologiques

## **From the Author**

I wrote this book using the notes that I scribbled down while studying for the neurosurgery oral board examination. This book is not intended to serve as a replacement for the classic neurosurgical texts, but as a supplement to the knowledge gained during the long years of residency and in the early stages of practice. I tried to focus on the major aspects of diseases that a neurosurgeon may encounter, both in clinical practice and on the examination. For a more thorough helping of knowledge, consider thumbing through the texts in the reference list. My favorite is Comprehensive Neurosurgical Board Review, but I may be a little biased. That book was geared for the written boards, but the anatomy, pathology/radiology, neurology, and neurosurgery sections provide useful information that is not covered in this text. I must admit that I was a tad intimidated by the oral examination before I lived through it. I expected hear "So Dr. Citow can you please show me the incision for the hypoglossal-pundental nerve anastomsas used for people who constantly speak out of their asses..." But it really was a fair test and a surprisingly pleasant experience. I truly got the sense that the examiners are out to reinforce their preconceived notion that the examinee (you) is indeed competent

(not the other way around) and makes reasonable decisions. They are not out to trick you with obscure details. Stay relaxed and suggest exactly what you would do in everyday practice (not at the Mayo Clinic) and all will be fine. The only disheartening aspect of the test is that none of the examiners smile (but this may be their baseline state) or acknowledge that you are correct, but neither do your patients in the hospital, unless they have been on the Internet. . . . Good luck!

From the Back Cover

Praise for the previous edition: An excellent review for the written neurosurgical boards...recommended to all neurosurgery residents.- Journal of Neurosurgery

The second edition of Comprehensive Neurosurgery Board Review contains all the information you need to prepare for the American Board of Neurological Surgery (ABNS) written examination. Authored by a team of expert clinicians and neurosurgery trainees who earned top scores on their exams, this edition distills the current knowledge of the neurosciences and essential information for clinical practice. Six chapters provide comprehensive coverage of core concepts in anatomy, physiology, pathology, radiology, neurology, neurosurgery, and critical care.

Features of the second edition:

- Concise descriptions aid rapid review of key concepts
- Bullet-point format enhances ease of use and facilitates comprehension
- Up-to-date coverage of classic symptoms and signs of common neurosurgical diseases
- Current information related to the genetic basis of neurosurgical conditions
- 450 high-quality illustrations and images typical of those appearing on exams

This superb review is an indispensable resource for neurosurgical residents preparing for the ABNS certification exam. It is also ideal for clinicians seeking a refresher or for those preparing for recertification exams.

# **COMPREHENSIVE NEUROSURGERY BOARD REVIEW FROM CITOW, JONATHAN S., M.D./ MACDONALD, R. LOCH/ REFAI, DANIEL, M.D. PDF**

[Download: COMPREHENSIVE NEUROSURGERY BOARD REVIEW FROM CITOW, JONATHAN S., M.D./ MACDONALD, R. LOCH/ REFAI, DANIEL, M.D. PDF](#)

**Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D.** Just what are you doing when having spare time? Talking or surfing? Why do not you try to check out some book? Why should be checking out? Reviewing is one of fun and also enjoyable activity to do in your downtime. By checking out from numerous resources, you could discover brand-new information as well as encounter. The books *Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D.* to check out will be various beginning with clinical publications to the fiction e-books. It means that you can review guides based on the requirement that you intend to take. Naturally, it will be different and you could review all book types any kind of time. As here, we will certainly reveal you a publication ought to be read. This e-book *Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D.* is the choice.

Just how can? Do you assume that you don't need sufficient time to choose buying book *Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D.* Don't bother! Just rest on your seat. Open your kitchen appliance or computer and also be on the internet. You can open up or check out the web link download that we offered to get this *Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D.* By by doing this, you could get the online e-book *Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D.* Checking out the publication *Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D.* by online could be actually done conveniently by waiting in your computer and device. So, you could continue whenever you have leisure time.

Reading guide *Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D.* by on-line could be additionally done quickly every where you are. It appears that hesitating the bus on the shelter, hesitating the checklist for line, or other places possible. This [\*Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D.\*](#) could accompany you during that time. It will not make you feel bored. Besides, this method will certainly likewise boost your life quality.

# **COMPREHENSIVE NEUROSURGERY BOARD REVIEW FROM CITOW, JONATHAN S., M.D./ MACDONALD, R. LOCH/ REFAI, DANIEL, M.D. PDF**

Praise for the previous edition:

"An excellent review for the written neurosurgical boards...recommended to all neurosurgery residents." -  
Journal of Neurosurgery

The second edition of Comprehensive Neurosurgery Board Review contains all the information you need to prepare for the American Board of Neurological Surgery (ABNS) written examination. Authored by a team of expert clinicians and neurosurgery trainees who earned top scores on their exams, this edition distills the current knowledge of the neurosciences and essential information for clinical practice. Six chapters provide comprehensive coverage of core concepts in anatomy, physiology, pathology, radiology, neurology, neurosurgery, and critical care.

Features of the second edition:

- Concise descriptions aid rapid review of key concepts
- Bullet-point format enhances ease of use and facilitates comprehension
- Up-to-date coverage of classic symptoms and signs of common neurosurgical diseases
- Current information related to the genetic basis of neurosurgical conditions
- 450 high-quality illustrations and images typical of those appearing on exams

This superb review is an indispensable resource for neurosurgical residents preparing for the ABNS certification exam. It is also

ideal for clinicians seeking a refresher or for those preparing for recertification exams.

- Sales Rank: #366556 in Books
- Brand: Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D.
- Published on: 2009-10-12
- Original language: English
- Dimensions: 11.25" h x 8.50" w x .75" l, 3.88 pounds
- Binding: Paperback
- 592 pages

#### Features

- Used Book in Good Condition

#### Review

Clear illustrations in color and monochrome...highly-relevant content in a readable and well-illustrated context...a useful addition in the collection of neurosurgical literature...a good and concise review book on board exam questions.--Surgical Neurology InternationalNeurosurgery residents present chapters in an outline format and cover core concepts in anatomy, physiology, pathology, radiology, neurology, neurosurgery, and critical care, with illustrations...this edition contains added material and updated chapters that include the latest information on the neurosciences, including molecular biology.--Sci-Tech Book NewsPraise for the previous edition:The authors synthesize material from the major reference texts that residents generally use to study for the boards...Dr. Citow, et al., have undertaken a major endeavor and residents will be grateful for their hard work...an excellent review for the written neurosurgical boards and is recommended to all neurosurgery residents.--Journal of NeurosurgeryWell-recognized...[provides] a contemporary update on need-to-know topics in neurosurgery...the anatomical illustrations are of high quality...the short note format of each section will allow readers to capture most important information in the shortest period of time...succinct yet broad in its coverage of material...retain useful information from this well-structured, current review of topics.--Le Journal Canadien des Sciences Neurologiques

#### From the Author

I wrote this book using the notes that I scribbled down while studying for the neurosurgery oral board examination. This book is not intended to serve as a replacement for the classic neurosurgical texts, but as a supplement to the knowledge gained during the long years of residency and in the early stages of practice. I tried to focus on the major aspects of diseases that a neurosurgeon may encounter, both in clinical practice and on the examination. For a more thorough helping of knowledge, consider thumbing through the texts in the reference list. My favorite is Comprehensive Neurosurgical Board Review, but I may be a little biased. That book was geared for the written boards, but the anatomy, pathology/radiology, neurology, and neurosurgery sections provide useful information that is not covered in this text. I must admit that I was a tad intimidated by the oral examination before I lived through it. I expected hear "So Dr. Citow can you please show me the incision for the hypoglossal-pundental nerve anastomsas used for people who constantly speak out of their asses..." But it really was a fair test and a surprisingly pleasant experience. I truly got the sense that the examiners are out to reinforce their preconceived notion that the examinee (you) is indeed competent (not the other way around) and makes reasonable decisions. They are not out to trick you with obscure details. Stay relaxed and suggest exactly what you would do in everyday practice (not at the Mayo Clinic) and all will be fine. The only disheartening aspect of the test is that none of the examiners smile (but this may be their baseline state) or acknowledge that you are correct, but neither do your patients in the hospital, unless they have been on the Internet. . . . Good luck!

#### From the Back Cover

Praise for the previous edition: An excellent review for the written neurosurgical boards...recommended to all neurosurgery residents.- Journal of Neurosurgery

The second edition of Comprehensive Neurosurgery Board Review contains all the information you need to prepare for the American Board of Neurological Surgery (ABNS) written examination. Authored by a team of expert clinicians and neurosurgery trainees who earned top scores on their exams, this edition distills the current knowledge of the neurosciences and essential information for clinical practice. Six chapters provide comprehensive coverage of core concepts in anatomy, physiology, pathology, radiology, neurology, neurosurgery, and critical care.

Features of the second edition:

- Concise descriptions aid rapid review of key concepts
- Bullet-point format enhances ease of use and facilitates comprehension
- Up-to-date coverage of classic symptoms and signs of common neurosurgical diseases
- Current information related to the genetic basis of neurosurgical conditions
- 450 high-quality illustrations and images typical of those appearing on exams

This superb review is an indispensable resource for neurosurgical residents preparing for the ABNS certification exam. It is also ideal for clinicians seeking a refresher or for those preparing for recertification exams.

Most helpful customer reviews

6 of 6 people found the following review helpful.

An outstanding work

By A Customer

I finally found myself in that book. I thought I was lost going through big texts of neurosurgery and I could not grasp all the information needed to pass my exam. Now that this amazing book is available I'm sure I will pass the exam. It provides a good frame for studying and contains all one needs to prepare for the neurosurgery exam. It saves time and a lot of effort. I envy younger neurosurgeons because this work is now available at their hands.. study will be much easier.

4 of 4 people found the following review helpful.

Book Description

By rt73

Description: This is a valuable and helpful resource that contains most of the fundamental information that a neurosurgery resident needs to know in order to pass the written boards. The book is written by specialists in a variety of disciplines, mainly neurosurgery, neurology, and pathology from the University of Chicago Medical Center.

Purpose: The book is targeted to junior and senior neurosurgery residents, who typically have little time available to absorb the massive amount of literature pertaining to the neurosurgical science. The purpose is primarily to provide a comprehensive board review for neurosurgery residents. This is a worthy and important objective and the book largely meets it. The material can also be very helpful to academic neurosurgeons engaged in teaching activities, physicians from variable specialties, medical students, and other health care professionals attentive to the field of Neurosurgery.

Audience: "Young Neurosurgeons preparing for the hurdles for professional examinations will find this to be a most valuable aid". The authors are credible authorities and have an exact understanding of what their



audience wants and needs from this comprehensive review.

Features: A wide variety of topics are concisely reviewed with a special focus to deliver take home messages. The sequence of chapters is defined in the preface and the book is divided into six chapters: Anatomy, Physiology, Pathology and Radiology, Neurology, Neurosurgery, and Critical Care. The index is very helpful and the book is supplemented by a considerable number of fine quality illustrations.

Assessment: This is a valuable neurosurgery review book for the written boards. It has a dense amount of high yield information and represents an excellent resource for neurosurgery residents. "It is remarkable that the chief editor had the ability to write this book while still in residency", which makes it very useful to its intended audience. Readers are encouraged to supplement their readings with other in depth detailed sources.

1 of 1 people found the following review helpful.

Neurosurgery review books at their best.

By MIDWINTER

This is a perfect example of works that matured over the years into a kind of a legend. It's an excellent review source for board exams and the FRCS(SN). Personally, I think it's a must have for neurosurgical residents and registrars. Having said that, I must say, this book is NOT "neurosurgery for dummies". It is only a review book designed to draw your attention to important points and emphasize its significance. It's not designed to cover all and everything you need to know!.

PROS:

- 1) It is much more refined than the previous edition.
- 2) It is much more organised
- 3) Appears to Include Citow's other books under one cover. I don't recommend buying them if you buy this one.  
i.e. a) "Neuroradiology and neuropathology :a review" --> [LINK](#) : Neuropathology and Neuroradiology: A Review  
b) "Neuroanatomy and neurophysiology :A review" --> [LINK](#) :Neuroanatomy and Neurophysiology: A Review

CONS:

- 1) All in American units ... Any edition for the European market?
- 2) Errors in the book i.e some "RIGHT side" miraculously became "LEFT side" in the book.

If you are considering something to cover the whole curriculum to go along with the comprehensive neurosurgery board review then consider the following new release....--> [LINK](#) The Neurosurgeon's Handbook

The neurosurgeons hand book promises to be a very refined handbook for neurosurgeons pretty similar to the Oxford hand book series and perhaps a European contender to the legendary Greenberg Handbook of neurosurgery --> [Handbook of Neurosurgery](#)

See all 7 customer reviews...

# **COMPREHENSIVE NEUROSURGERY BOARD REVIEW FROM CITOW, JONATHAN S., M.D./ MACDONALD, R. LOCH/ REFAI, DANIEL, M.D. PDF**

So, merely be below, locate guide Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D. now and also review that quickly. Be the initial to read this publication Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D. by downloading in the link. We have a few other books to read in this internet site. So, you can locate them likewise easily. Well, now we have done to supply you the finest book to review today, this Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D. is truly ideal for you. Never ever disregard that you require this book Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D. to make much better life. On-line book **Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D.** will really give easy of every little thing to read and take the perks.

## Review

Clear illustrations in color and monochrome...highly-relevant content in a readable and well-illustrated context...a useful addition in the collection of neurosurgical literature...a good and concise review book on board exam questions.--Surgical Neurology InternationalNeurosurgery residents present chapters in an outline format and cover core concepts in anatomy, physiology, pathology, radiology, neurology, neurosurgery, and critical care, with illustrations...this edition contains added material and updated chapters that include the latest information on the neurosciences, including molecular biology.--Sci-Tech Book NewsPraise for the previous edition:The authors synthesize material from the major reference texts that residents generally use to study for the boards...Dr. Citow, et al., have undertaken a major endeavor and residents will be grateful for their hard work...an excellent review for the written neurosurgical boards and is recommended to all neurosurgery residents.--Journal of NeurosurgeryWell-recognized...[provides] a contemporary update on need-to-know topics in neurosurgery...the anatomical illustrations are of high quality...the short note format of each section will allow readers to capture most important information in the shortest period of time...succinct yet broad in its coverage of material...retain useful information from this well-structured, current review of topics.--Le Journal Canadien des Sciences Neurologiques

## From the Author

I wrote this book using the notes that I scribbled down while studying for the neurosurgery oral board examination. This book is not intended to serve as a replacement for the classic neurosurgical texts, but as a supplement to the knowledge gained during the long years of residency and in the early stages of practice. I tried to focus on the major aspects of diseases that a neurosurgeon may encounter, both in clinical practice and on the examination. For a more thorough helping of knowledge, consider thumbing through the texts in the reference list. My favorite is Comprehensive Neurosurgical Board Review, but I may be a little biased. That book was geared for the written boards, but the anatomy, pathology/radiology, neurology, and neurosurgery sections provide useful information that is not covered in this text. I must admit that I was a tad intimidated by the oral examination before I lived through it. I expected hear "So Dr. Citow can you please show me the incision for the hypoglossal-pundental nerve anastomsas used for people who constantly speak out of their asses..." But it really was a fair test and a surprisingly pleasant experience. I truly got the sense that the examiners are out to reinforce their preconceived notion that the examinee (you) is indeed competent

(not the other way around) and makes reasonable decisions. They are not out to trick you with obscure details. Stay relaxed and suggest exactly what you would do in everyday practice (not at the Mayo Clinic) and all will be fine. The only disheartening aspect of the test is that none of the examiners smile (but this may be their baseline state) or acknowledge that you are correct, but neither do your patients in the hospital, unless they have been on the Internet. . . . Good luck!

From the Back Cover

Praise for the previous edition: An excellent review for the written neurosurgical boards...recommended to all neurosurgery residents.- Journal of Neurosurgery

The second edition of *Comprehensive Neurosurgery Board Review* contains all the information you need to prepare for the American Board of Neurological Surgery (ABNS) written examination. Authored by a team of expert clinicians and neurosurgery trainees who earned top scores on their exams, this edition distills the current knowledge of the neurosciences and essential information for clinical practice. Six chapters provide comprehensive coverage of core concepts in anatomy, physiology, pathology, radiology, neurology, neurosurgery, and critical care.

Features of the second edition:

- Concise descriptions aid rapid review of key concepts
- Bullet-point format enhances ease of use and facilitates comprehension
- Up-to-date coverage of classic symptoms and signs of common neurosurgical diseases
- Current information related to the genetic basis of neurosurgical conditions
- 450 high-quality illustrations and images typical of those appearing on exams

This superb review is an indispensable resource for neurosurgical residents preparing for the ABNS certification exam. It is also ideal for clinicians seeking a refresher or for those preparing for recertification exams.

Yeah, checking out a publication **Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D.** can include your pals listings. This is among the solutions for you to be successful. As known, success does not imply that you have fantastic points. Understanding and also understanding even more than various other will certainly provide each success. Beside, the notification and impression of this *Comprehensive Neurosurgery Board Review From Citow, Jonathan S., M.D./ Macdonald, R. Loch/ Refai, Daniel, M.D.* could be taken and selected to act.