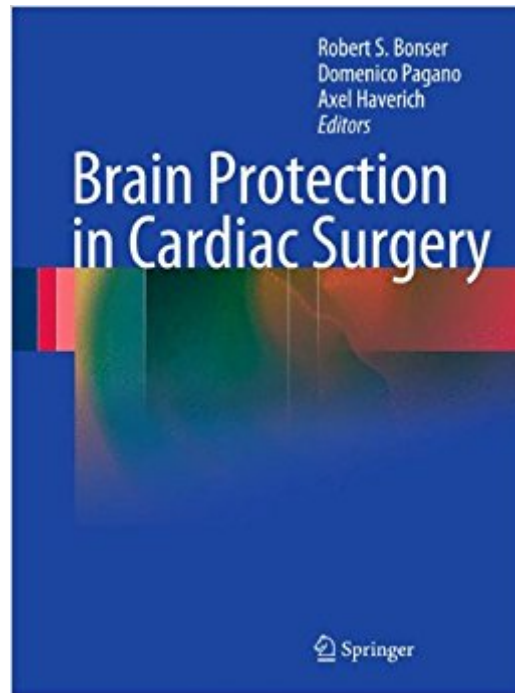




The book was found

Brain Protection In Cardiac Surgery



Synopsis

Part of the Monographs in Cardiac Surgery Series “Introducing basic science into the cardiac operating room”. Fast systematic review of small areas of cardiac surgery including up-to-date information. This will allow more rapid publication than the alternative cardiac surgery tomes. This entry into the series will provide readers with a complete review of the current understanding in brain injury and the methods used to avoid or limit its effects on patient morbidity and mortality.

Book Information

Hardcover: 246 pages

Publisher: Springer; 2011 edition (August 2, 2011)

Language: English

ISBN-10: 1849962928

ISBN-13: 978-1849962926

Product Dimensions: 7.8 x 0.6 x 10.3 inches

Shipping Weight: 1.7 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #693,263 in Books (See Top 100 in Books) #35 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Surgery > Thoracic #96 in Books > Medical Books > Medicine > Surgery > Thoracic & Vascular #181 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Biochemistry

Customer Reviews

From the reviews: “This book addresses the current understanding of the neurocognitive issues associated with the surgery. It is directed at healthcare professionals specializing in cardiac surgery - practicing surgeons and anesthesiologists, residents and fellows, intensive care physicians, neurologists and neurointensivists, researchers and other practitioners. Select tables, graphs, illustrations, and imaging studies support the information. A unique synopsis of the state of knowledge on this subject. It is an invaluable educational resource for a wide range of professionals whose careers are related to cardiac surgery.” (Zdravka Zafirova, Doody’s Review Service, December, 2011)

Brain injury remains one of the most dreaded complications of cardiac surgery. The range of injury is broad; while a stroke may be easily defined and diagnosed, more subtle injuries most definitely occur. There remains debate as to how these are diagnosed and there is a lack of standard

definitions allowing inter-study comparison. If we are to have confidence in strategies that may reduce brain injury, we need to have confidence in the end-points used to define that injury. We need to better understand the phenomena associated with neuropsychometric testing; we need to fully elucidate the relationship between structural brain injury, embolism counting, and surrogate biomarkers; and we need an improved understanding of the clinical significance of abnormalities detected on postoperative magnetic resonance imaging. Brain Protection in Cardiac Surgery presents a detailed background of studies of neurological morbidity and neuroprotection from a range of experts in the field of neuroprotection, providing a detailed reference for clinicians in the field. The Editors have detailed connections between the different strands of injury â • be it the pathology, the imaging, the clinical and cognitive examination, potential biomarkers â • and have then provided summary reports of treatment strategies that may reduce such injury. As we look to the future, the design of studies attempting to reduce such injury becomes increasingly important and this book provides the fundamental background information to fuel interest, initiate novel prevention and therapeutic strategies, and inform the investigator how to develop and design their research study.

[Download to continue reading...](#)

Happy Brain: 35 Tips to a Happy Brain: How to Boost Your Oxytocin, Dopamine, Endorphins, and Serotonin (Brain Power, Brain Function, Boost Endorphins, Brain Science, Brain Exercise, Train Your Brain) Kirklin/Barratt-Boyes Cardiac Surgery: Expert Consult - Online and Print (2-Volume Set), 4e (Kochoukas, Kirklin/Barratt-Boyes Cardiac Surgery (2 vol. Set)) Brain Protection in Cardiac Surgery EMP Protecting Housing and Solar: A National EMP protection plan as well as EMP protection of family, homes and communities. Protection is achieved ... and cable surge suppression and filtering. Kaplan's Cardiac Anesthesia: In Cardiac and Noncardiac Surgery, 7e Gastric Sleeve Diet: A Comprehensive Gastric Sleeve Weight Loss Surgery Diet Guide (Gastric Sleeve Surgery, Gastric Sleeve Diet, Bariatric Surgery, Weight Loss Surgery, Maximizing Success Rate) Cardiac Nursing (Cardiac Nursing (Woods)) Biosignalling in Cardiac and Vascular Systems: Proceedings of the International Symposium on Biosignalling in Cardiac and Vascular Systems, 5-7 Septe Review of Cardiac Anesthesia & Cardiac Critical Care: With 2100 McQs Credit Card Protection: Shopping Online, Credit Card Fraud Protection, Credit Card Insurance The Fine Art of Executive Protection: Handbook for the Executive Protection Officer Understanding the Childrens Court: Child Protection: How to handle a child protection matter Guidelines for Initiating Events and Independent Protection Layers in Layer of Protection Analysis The BIG Book on Bariatric Surgery: Living Your Best Life After Weight Loss Surgery (The BIG Books on Weight Loss Surgery) (Volume 4) The BIG Book on

Bariatric Surgery: Living Your Best Life After Weight Loss Surgery (The BIG Books on Weight Loss Surgery 4) Rob & Smith's Operative Surgery: Atlas of General Surgery, 3Ed (Rob & Smith's Operative Surgery Series) Vaginal Surgery for the Urologist: Female Pelvic Surgery Video Atlas Series: Expert Consult: Online and Print, 1e (Female Pelvic Video Surgery Atlas Series) Brain Games® #1: Lower Your Brain Age in Minutes a Day (Brain Games (Numbered)) 100+ Word Fill In Puzzle Book For Adults: The French Style Brain Teaser Crossword Puzzles With Fill In Words Puzzles for Total Brain Workout! (A Total Brain Workout Series) (Volume 1) Brain Games #3: Lower Your Brain Age in Minutes a Day (Brain Games (Numbered))

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)