



Biophysics of the Failing Heart: Physics and Biology of Heart Muscle

By -

Springer. Hardcover. Book Condition: New. Hardcover. 253 pages. Dimensions: 9.2in. x 6.4in. x 0.8in.Subjects in the monograph Biophysics of the Failing Heart include state of the art chapters considering major biophysical mechanisms for why hearts responding to acquired or inherited stressors enter into maladaptive processes eventually leading to an inability of the heart to respond efficiently to hemodynamic loads especially during exercise. The chapters describe biophysical techniques that have been applied to determine the triggers for the heart failure process as well as the mechanisms for sustaining the disorders. These techniques include measurements of active and passive mechanical properties and hemodynamics at levels of organization ranging from molecules to hearts beating in situ. Biophysical concepts and approaches are also applied to determination of signaling and signal transduction, energetics, ionic currents, transport processes, electro-chemical and chemo-mechanical coupling. By its emphasis on biophysical aspects of a prevalent clinical condition, the monograph is unique in its perspective and focus. The breadth of information in the chapters all in one place will be of value to clinicians and researchers at all levels. Modern research approaches and clinical understanding of heart failure demands integration of multiple aspects of the disorders. In most cases, combinations of...



Reviews

A superior quality book along with the font employed was exciting to see. It is one of the most amazing book i have got read through. You wont really feel monotony at anytime of the time (that's what catalogs are for about in the event you ask me).

-- Santina Sanford

This kind of pdf is almost everything and made me seeking forward and much more. It is actually packed with wisdom and knowledge You will not really feel monotony at whenever you want of your own time (that's what catalogs are for about when you question me).

-- Martina Maggio

You May Also Like



DK Readers Day at Greenhill Farm Level 1 Beginning to Read

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.8in. x 5.7in. x 0.2in.This Level 1 book is appropriate for children who are just beginning to read. When the rooster crows, Greenhill Farm springs to life. Join the ducklings, cows, and...



Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. This book is about my cousin, Billy a guy who taught me a lot over the years and who can teach you a lot. Everyone who...



The Day I Forgot to Pray

Tate Publishing. Paperback. Book Condition: New. Paperback. 28 pages. Dimensions: 8.7in. x 5.8in. x 0.3in.Alexis is an ordinary five-year-old who likes to run and play in the sandbox. On her first day of Kindergarten, she makes her first school-aged friend, Elizabeth, and...



DK Readers Animal Hospital Level 2 Beginning to Read Alone

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.9in. x 5.8in. x 0.1in.This Level 2 book is appropriate for children who are beginning to read alone. When Jack and Luke take an injured duck to the vet, it is just...



Viking Ships At Sunrise Magic Tree House, No. 15

Random House Books for Young Readers. Paperback. Book Condition: New. Sal Murdocca (illustrator). Paperback. 96 pages. Dimensions: 7.4in. x 4.9in. x 0.2in. Jack and Annie are ready for their next fantasy adventure in the bestselling middle-grade seriesthe Magic Tree House! Beware of Vikings!warns...



Too Old for Motor Racing: A Short Story in Case I Didnt Live Long Enough to Finish Writing a Longer One

Balboa Press. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.We all have dreams of what we want to do and who we want to become. Many of us eventually decide it is too late; we have missed...