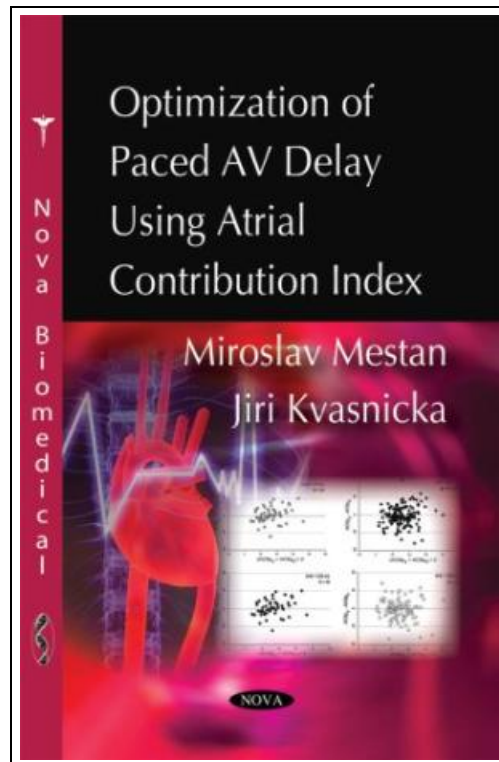


Optimization of Paced AV Delay Using Atrial Contribution Index



Filesize: 7.83 MB

Reviews

Good eBook and beneficial one. It really is simplified but unexpected situations from the 50 percent from the ebook. You can expect to like the way the blogger publish this ebook.

(Bridie Stracke DDS)

OPTIMIZATION OF PACED AV DELAY USING ATRIAL CONTRIBUTION INDEX

[DOWNLOAD](#)

Nova Science Publishers Inc. Paperback. Book Condition: new. BRAND NEW, Optimization of Paced AV Delay Using Atrial Contribution Index, Miroslav Mestan, Jiri Kvasnicka, The hemodynamic effect of the atria on the net performance of the heart is called atrial contribution (AC). AC is either linked to ventricular filling or to the systolic function of the heart, i.e. to the systolic volume or cardiac output. Several noninvasive methods for the quantification of AC are described in literature but none of them are routinely used in cardiac pacing centres due to the time-consuming nature of the methods, the limited reproducibility of measured values and observer dependency. The aim of these studies was to develop a method for determining optimal AV delay in patients treated by dual chamber pacing using an index (ACSp) that quantifies atrial contribution to the systolic volume of the left ventricle. The new method is based on the quantitative analysis of a beat to beat decrease in the amplitude of the pulse oximetry signal (SpO₂). The change in the amplitudes is induced by a sudden drop of the stimulus to the right atrium, while maintaining the rate of ventricular stimuli at a constant level. The obtained ACSp is given as a percentage of the pulse amplitude of SpO₂. The method is independent of the observer, non-invasive and relatively fast. In a group of 47 patients, remarkable similarities between ACSp and another atrial contribution index estimated using the tracings of invasively registered aortal pressure were demonstrated. In all investigated AV intervals of 50 to 250 ms, significant inter-individual variability of ACSp was discovered. The poorest hemodynamic effect was seen at AV delay of 50 ms (median ACSp of 10.4 % from 97 subjects). In 150 subjects, the following values of ACSp were obtained at AV delay of 200 ms: median...

[Read Optimization of Paced AV Delay Using Atrial Contribution Index Online](#)[Download PDF Optimization of Paced AV Delay Using Atrial Contribution Index](#)

See Also

**101 Ways to Beat Boredom: NF Brown B/3b**

Pearson Education Limited. Paperback. Book Condition: new. BRAND NEW, 101 Ways to Beat Boredom: NF Brown B/3b, Anna Claybourne, This title is part of Bug Club, the first whole-school reading programme to combine books with...

[Save Book »](#)

**Slave Girl - Return to Hell, Ordinary British Girls are Being Sold into Sex Slavery; I Escaped, But Now I'm Going Back to Help Free Them. This is My True Story.**

John Blake Publishing Ltd, 2013. Paperback. Book Condition: New. Brand new book. DAILY dispatch from our warehouse in Sussex, all international orders sent Airmail. We're happy to offer significant POSTAGE DISCOUNTS for MULTIPLE ITEM orders.

[Save Book »](#)

**Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values**

Summer Fit Learning. Paperback. Book Condition: New. Paperback. 160 pages. Dimensions: 10.6in. x 8.3in. x 0.5in. Summer Fit Activity Books move summer learning beyond academics to also prepare children physically and socially for the grade ahead....

[Save Book »](#)

**Learn the Nautical Rules of the Road: An Expert Guide to the COLREGs for All Yachtsmen and Mariners**

Fernhurst Books Limited. Paperback. Book Condition: new. BRAND NEW, Learn the Nautical Rules of the Road: An Expert Guide to the COLREGs for All Yachtsmen and Mariners, Paul B. Boissier, Expert information for yachtsmen and...

[Save Book »](#)

**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...

[Save Book »](#)

**Born Fearless: From Kids' Home to SAS to Pirate Hunter - My Life as a Shadow Warrior**

Quercus Publishing Plc, 2011. Hardcover. Book Condition: New. No.1 BESTSELLERS - great prices, friendly customer service â" all orders are dispatched next working day.

[Save ePub »](#)

**Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Brewer, Jo Ann**

CRAM101, United States, 2013. Paperback. Book Condition: New. 279 x 210 mm. Language: English . Brand New Book ***** Print on Demand *****.Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and

[Save ePub »](#)

**Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade**

Book Condition: Brand New. Book Condition: Brand New.

[Save ePub »](#)

**Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade**

Book Condition: Brand New. Book Condition: Brand New.

[Save ePub »](#)

**Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .**

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually

[Save ePub »](#)