

1. Record Nr.	UNINA9910454329303321
Autore	Symonds E. M (Edwin Malcolm)
Titolo	Fetal electrocardiography [[electronic resource] /] / E. Malcolm Symonds, Daljit Sahota, Allan Chang
Pubbl/distr/stampa	London, : Imperial College Press River Edge, NJ, : Distributed by World Scientific Pub. Co., c2001
ISBN	1-281-86615-6 9786611866150 1-84816-170-0
Descrizione fisica	1 online resource (172 p.)
Collana	Cardiopulmonary medicine from Imperial College Press
Altri autori (Persone)	ChangAllan SahotaDaljit
Disciplina	618.3/207547
Soggetti	Electrocardiography Fetal heart Fetal monitoring Fetus - Diseases - Diagnosis Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 141-149) and index.
Nota di contenuto	Contents; Introduction; 1. HISTORICAL DEVELOPMENT; Early Observations; Early Observations of the P & T Waves; The P Wave and the QRS Complex; Observations on the FECG Waveform in the 1970's with Appropriate Filtering; New Methods of Signal Processing in the 1980's. Clinical Trials and Observations in Recent Studies The QRS Complex; Vectorcardiography; Fetal Cardiac Arrhythmia's; Tachyarrhythmias; The Use of Abdominal Electrodes; The R-R' Interval and Fetal Heart Rate; 2. FETAL ADAPTATION; What is Fetal Distress? Fetal Physiological Response to Hypoxia Cellular Effects of Hypoxia; A Model for Fetal Distress; 3. RESEARCH MODELS AND PREDICTION; The Statistical Evaluation of Discrete Predictors; The Statistical Evaluation of Continuous Predictors The Validation of Predictive Tests by Observational Studies The Validation of Predictive Tests by Clinical Trials; The Inclusion of Both

Intervention and Morbidity in a Clinical Trial of Predictive Tests; The Hawthorne Effect; Animal and Clinical Models of Study
 4. THE ELECTRICAL SIGNAL ITS ACQUISITION AND MEASUREMENT The Biophysics - How is the Fetal Electrocardiogram Produced? ; Acquisition of the Signal; Signal Detection and Enhancement; Morphology and Time Measurement of the Enhanced Waveform; 5. THE R-R' INTERVAL AND THE CARDIOTOCOGRAPHY
 Physiology of Fetal Heart Rate Regulation

Sommario/riassunto

This important book summarises a century of research and practical applications in fetal electrocardiography. Although fetal ECG is most commonly used for the calculation of fetal heart rates, other parameters have been employed in the prediction of fetal acidosis. The book presents new approaches to the interpretation and analysis of the fetal ECG signal and discusses possible new approaches to the clinical exploitation of the electrical activity of the fetal heart. The authors have made numerous contributions to the study of fetal electrocardiography over the last three decades.

2. Record Nr.

UNINA9910708076803321

Autore

Medrano M. D.

Titolo

A normative-calculation procedure used to determine mineral abundances in rocks from the Montpelier Canyon section of the Phosphoria Formation, Idaho : a tool in deciphering the minor-element geochemistry of sedimentary rocks / / by M.D. Medrano and D.Z. Piper

Pubbl/distr/stampa

Washington : , : United States Government Printing Office, , 1992

Descrizione fisica

1 online resource (iii, 23 pages) : illustrations, map

Collana

U.S. Geological Survey bulletin ; ; 2023-A
 The Phosphoria Formation--its geochemical and biological environment of deposition ; ; ch. A

Disciplina

557.3 s
 549.9796

Soggetti

Sedimentary rocks - Idaho - Montpelier Canyon - Analysis
 Mineralogy - Idaho - Montpelier Canyon
 Geochemistry - Idaho - Montpelier Canyon
 Geochemistry
 Mineralogy
 Sedimentary rocks - Analysis
 Phosphoria Formation
 Idaho Montpelier Canyon
 United States Phosphoria Formation

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