**Springer**1st
edition2011, XIV, 361 p. 137 illus.,
99 illus. in color.**Printed book**

Hardcover

Printed book

Hardcover

ISBN 978-1-4419-1029-5

\$ 249,99

Available

Discount group

Medical (6)

Product category

Contributed volume

Other renditions

Softcover

ISBN 978-1-4939-5110-9

Medicine : Pathology

Marchevsky, Alberto M., Wick, Mark (Eds.)

Evidence Based Pathology and Laboratory Medicine

- Focuses on practical patient related issues
- Develops diagnostic models
- Use of meta-analysis to investigate unusual diseases

Focusing on practical, patient related issues, this volume provides the basic concepts of Evidence Based Medicine (EBM) as they relate to Pathology and Laboratory Medicine and presents various practical applications. It includes EBM concepts for use in the identification of cost-effective panels of immunostains and other laboratory tests and for improvement of diagnostic accuracy based on the identification of selected diagnostic features for particular differential diagnosis. EBM concepts are also put forth for use in Meta-analysis to integrate the results of conflicting literature reports and use of novel analytical tools such as Bayesian belief networks, neural networks, multivariate statistics and decision tree analysis for the development of new diagnostic and prognostic models for the evaluation of patients. This volume will be of great value to pathologists who will benefit from the concepts being promoted by EBM, such as levels of evidence, use of Bayesian statistics to develop diagnostic and other rules and stronger reliance on "hard data" to support therapeutic and diagnostic modalities.

Order online at springer.com/booksellers**Springer Nature Customer Service Center LLC**

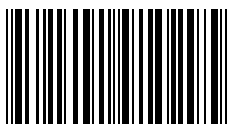
233 Spring Street

New York, NY 10013

USA

T: +1-800-SPRINGER NATURE

(777-4643) or 212-460-1500

customerservice@springernature.com

ISBN 978-1-4419-1029-5 / BIC: MMF / SPRINGER NATURE: SCH4800X

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**