



Alberto M. Marchevsky, Mark Wick (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.

2011, XIV, 361 p. 137 illus., 99 illus. in color.

## Printed book

Hardcover

199,99 € | £179.99 | \$249.99

[1]213,99 € (D) | 219,99 € (A) | CHF

236,00

Softcover

199,99 € | £179.99 | \$249.99

[1]213,99 € (D) | 219,99 € (A) | CHF

236,00

## eBook

160,49 € | £143.50 | \$189.00

[2]160,49 € (D) | 160,49 € (A) | CHF

188,50

Available from your library or  
[springer.com/shop](http://springer.com/shop)

## MyCopy [3]

Printed eBook for just

€ | \$ 24.99

[springer.com/mycopy](http://springer.com/mycopy)

Order online at [springer.com](http://springer.com) / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: [customerservice@springernature.com](mailto:customerservice@springernature.com). / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: [customerservice@springernature.com](mailto:customerservice@springernature.com).

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

