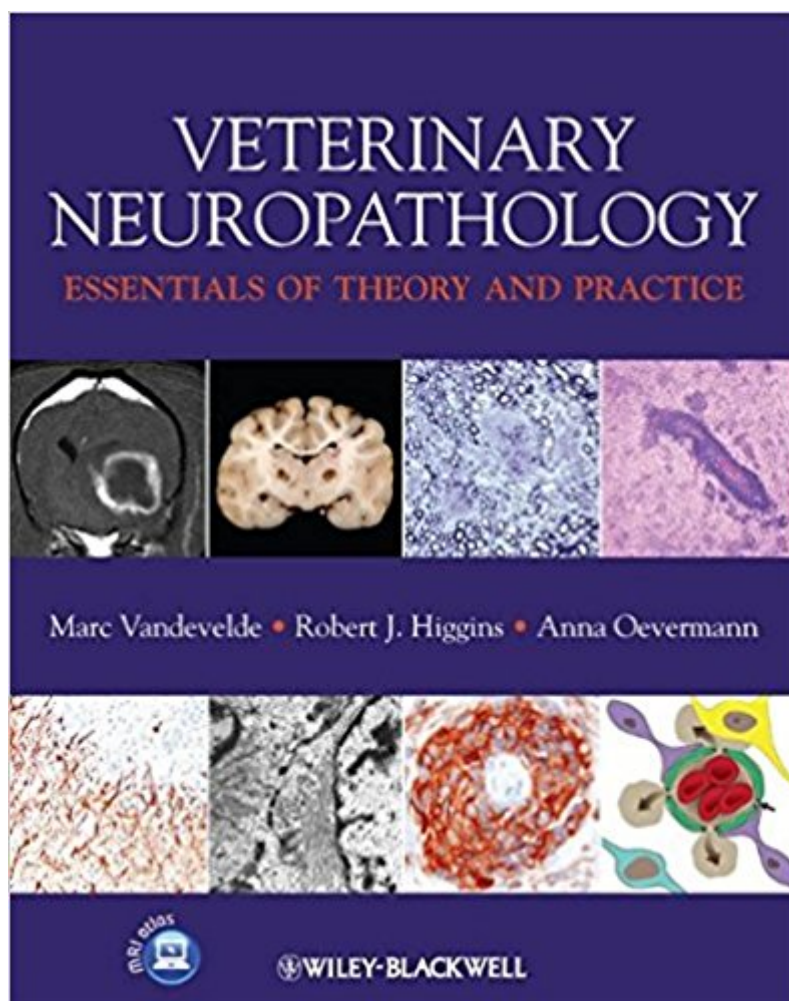


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# Veterinary Neuropathology: Essentials Of Theory And Practice



## Synopsis

Introducing the theoretical and practical basics of veterinary neuropathology, this concise and well illustrated book is an essential basic diagnostic guide for pathologists, neurologists and diagnostic imaging specialists. It presents readers with strategies to deal with neuropathological problems, showing how to interpret gross and histological lesions using a systematic approach based on pattern recognition. It starts with an overview of the general principles of neuroanatomy, neuropathological techniques, basic tissue reaction patterns, and recognition of major lesion patterns. The book goes on to cover vascular diseases, inflammatory diseases, trauma, congenital malformations, metabolic-toxic diseases, neoplasia and degenerative diseases mainly of the central nervous system. In the respective chapters pathologists can quickly find information to support their daily diagnostic workup for both small and large domestic species. Based on the authors' extensive diagnostic and post graduate teaching experience as well as the inclusion of MRI as it relates to neuropathology, this book also offers a comprehensive but basic analysis of veterinary neuropathology that neurologists and other MRI users will find very useful. An essential manual for daily diagnostic work Richly illustrated with high quality colour gross, histological and MRI images Includes a section on the function and use of MRI (by Johann Lang, DECVDI) Accompanied by a website presenting MRI sequences for interpretation and correlation with neuropathological findings edited by Johann Lang (University of Bern, Switzerland) and Eric Wiesner (University of California, Davis, USA)

## Book Information

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## Customer Reviews

“In summary, this is an excellent, well-priced textbook that will be invaluable to practitioners and particularly residents in pathology and neurology training.” (Veterinary Pathology, 1 January 2014)

“This book is not only written for specialists but it will help general practitioners understand better the various mechanisms of neurological diseases in many different species. The linked website presents RMI sequences and more neuropathological findings.” (Vets Today, 1 June 2013)

“Add color gross, histological and MRI images and you have a key reference any veterinary collection must have.” (Midwest Book Reviews, 1 May 2013)

“Thus, *Veterinary Neuropathology* by Vandeveld, Higgins and Oevermann is an ideal aid for the visual approach to structural lesions of the nervous system. If you are a neurophilic veterinarian, don’t leave this book out of your bookshelf unless it has been translocated already to your desk and is open in front of your eyes.” (Veterinary Record, 6 April 2013)

Introducing the theoretical and practical basics of veterinary neuropathology, this concise and well illustrated book is an essential basic diagnostic guide for pathologists, neurologists and diagnostic imaging specialists. It presents readers with strategies to deal with neuropathological problems, showing how to interpret gross and histological lesions using a systematic approach based on pattern recognition. It starts with an overview of the general principles of neuroanatomy, neuropathological techniques, basic tissue reaction patterns, and recognition of major lesion patterns. The book goes on to cover vascular diseases, inflammatory diseases, trauma, congenital malformations, metabolic-toxic diseases, neoplasia and degenerative diseases mainly of the central nervous system. In the respective chapters pathologists can quickly find information to support their daily diagnostic workup for both small and large domestic species. Based on the authors’ extensive diagnostic and post graduate teaching experience as well as the inclusion of MRI as it relates to neuropathology, this book also offers a comprehensive but basic analysis of veterinary neuropathology that neurologists and other MRI users will find very useful.

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Sciences, Vetsuisse Faculty at the University of Bern, Switzerland. Robert J. Higgins BVSc, MS, PhD, DACVP is a professor of pathology in the Department of Pathology, Microbiology and Immunology, School of Veterinary Medicine, at the University of California Davis, Davis, California, USA. Anna Oevermann Dr. med.vet., DECVP is an associate professor of neuropathology in the Division of Neurological Sciences, Vetsuisse Faculty at the University of Bern, Switzerland.

First of all, there is little competition for this book - it NEEDED to be written! Where older (now out-of-print) texts are wordy and dry, with (fairly useless) black and white photos, this text is concise and to the point with plenty of beautiful color photos. I'm glad it's been written and can't recommend it highly enough.

Excellent source for these specific diseases. A complete guide, great photos and diagrams, great content. However, I think it basically covered dogs and cats.

This is a great text for most folks. I don't need so much histology, but wasn't surprised to see the amount covered here. Easy reading and great reference.

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