



An Atlas of Neonatal Brain Sonography

By Paul Govaert, Linda S. de Vries

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This Atlas covers the entire spectrum of brain disease as studied with ultrasound, illustrated throughout with superb-quality images. It is aimed at neonatologists and radiologists confronted with everyday clinical questions on the neonatal ward. Most newborn brain disorders can be identified with ultrasound; this book will therefore be particularly useful in settings with limited MRI facilities. Prenatal ultrasound specialists will also find it valuable as a postnatal reference in their field of interest. Suggestions for differential diagnosis accompany all the sonographic findings, guiding the clinician in proceeding from an abnormal image to a diagnosis. This second edition of the Atlas has been brought up to date to include the many advances in technique and interpretation that have been made in the past decade. The images have been replaced with new ones of higher quality, and all the line artwork has been standardised and improved.

Readership

Neonatologists, radiologists, neuroradiologists with an interest in neonatal ultrasound

From reviews of the first edition:

"This is the most challenging and comprehensive book on this theme, and is an essential reference for clinicians to make a correct diagnosis."

—**Satoshi Takada**, *Brain and Development*

"This can be little doubt that this title represents the definitive work on neonatal cranial ultrasound. The authors have had extensive experience in the use of ultrasound scanning the neonatal brain for almost as long as ultrasound has been used to investigate intracranial pathology on the neonatal unit. Their combined experience is most impressive."

—**Malcolm Leven**, *Archives of Disease in Childhood*

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Editorial Review

Review

"It is times such as this that an atlas showcasing clear examples of pathology can be turned to for guidance and pieced together with physical examination and behavioral assessments of the infant to determine the proper course of further treatment. This book should be kept handy in the newborn nursery, neonatal intensive care, and pediatric clinics following up with children born with any type of congenital or acquired brain injury." (MedicalScienceBooks.com, 2012)

"This is a superb book with wonderful illustrations and is probably the most comprehensive text on neonatal cranial sonography." (*Doody's, October 2010*)

"This revised edition not only includes improved ultrasonic imaging as a result of technological advancements but also highlights the advantages of using additional acoustic windows for greater visualisation of the neonatal brain. The author's foresight in combining the sonographic images with the far superior image resolution of Magnetic resonance imaging (MRI) allows the reader a more accurate reflection of the underlying pathology in question. Scattered throughout each chapter is additional diagrams, specimen photographs, schematics and tables to give a well rounded but succinct synopsis of the intended subject discussed ...I would highly recommend this atlas accompany the clinician during any cranial ultrasound examination of the newborn as the overall layout allows for quick referencing and can only improve the quality of the examination." (*nicu.org, August 2010*)

From the Back Cover

This is a comprehensive "atlas" of the brain of the newborn infant as depicted by high-frequency ultrasound. For ease of use, the volume is arranged into distinct parts. Coverage begins with "echo-anatomy," then proceeds through congenital anomalies, in utero acquired brain damage, and perinatal injury. Where relevant, corresponding CT or MRI pictures are provided. Additional topics covered include Doppler imaging and the measurement of echodensity. Throughout the work, the authors maintain a focus on relevance for the practicing physician. Thoroughly illustrated with over 600 halftones and color plates, this is an impressively up-to-date and comprehensive book.

Users Review

From reader reviews:

Lisa Buffington:

The book An Atlas of Neonatal Brain Sonography make you feel enjoy for your spare time. You need to use to make your capable far more increase. Book can to be your best friend when you getting tension or having big problem with the subject. If you can make studying a book An Atlas of Neonatal Brain Sonography being your habit, you can get more advantages, like add your personal capable, increase your knowledge about some or all subjects. You could know everything if you like start and read a e-book An Atlas of Neonatal Brain Sonography. Kinds of book are a lot of. It means that, science book or encyclopedia or some others. So , how do you think about this reserve?

Jean Gadson:

Playing with family in a very park, coming to see the marine world or hanging out with buddies is thing that usually you may have done when you have spare time, in that case why you don't try factor that really opposite from that. A single activity that make you not experience tired but still relaxing, trilling like on roller coaster you have been ride on and with addition of knowledge. Even you love An Atlas of Neonatal Brain Sonography, you may enjoy both. It is fine combination right, you still desire to miss it? What kind of hang type is it? Oh come on its mind hangout people. What? Still don't get it, oh come on its named reading friends.

Terri Root:

The book untitled An Atlas of Neonatal Brain Sonography contain a lot of information on this. The writer explains her idea with easy approach. The language is very clear and understandable all the people, so do definitely not worry, you can easy to read the item. The book was written by famous author. The author provides you in the new age of literary works. It is easy to read this book because you can read on your smart phone, or program, so you can read the book in anywhere and anytime. In a situation you wish to purchase the e-book, you can available their official web-site in addition to order it. Have a nice go through.

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