

surgical scientists who need animal models for their investigations. The lack of understanding of species differences can mislead the researcher. An interesting example of this occurred in my field of cardiac surgery with the development of a new surgical procedure known as transmymocardial laser revascularization. The purported goal of this operation was to use a laser beam to make multiple transmymocardial punctures so that the ischemic myocardium could be perfused directly by the blood within the heart. This goal presupposed the presence of a vast sponge-like sinusoidal system in the myocardium, serving as the run-off for blood coming from the cardiac cavities through the channels created by the laser. A better understanding of comparative physiology would show, however, that although such a sinusoidal system exists in fish and reptiles, it was evolutionarily replaced by the coronary vascular system in mammals. A number of revascularization procedures were developed and promoted on the basis of this misconception.

These 2 volumes are highly recommended as reference books in medical libraries and in research laboratories. For surgeons who wish to gain a deeper insight into the function of organs they are trying to take care of, these rather expensive books can also be of interest.

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KATZENSTEIN AND ASKIN'S SURGICAL PATHOLOGY OF NON-NEOPLASTIC LUNG DISEASE. Third edition. Volume 13 in the series Major Problems in Pathology. Anna Luise A.

Katzenstein. 477 pp. Illust. W.B. Saunders Company, Philadelphia. 1997. Can\$116. ISBN 0-7216-5755-9

The fact that this concise text is in its third edition may appear unusual to readers of this type of book. Its target audience was probably pathologists originally, but its concise, authoritative style will appeal to a much broader audience.

The book comprises 17 chapters, all authoritatively referenced and heavily illustrated. There are numerous tables to illustrate classifications. The first and last chapters are technical; they pertain mostly to the handling and processing of lung specimens. The remaining chapters cover the full spectrum of non-neoplastic lung disease under clinical headings such as idiopathic interstitial pneumonia, pneumoconiosis and immunologic lung disease. Each disease entity includes a concise summary of the most relevant aspects of the disease followed by a more detailed discussion of the pathologic characteristics. The chapter on immunologic lung disease includes a section on the pathologic features of lung transplantation, and the chapter on miscellaneous nonspecific inflammatory and destructive diseases of the lung includes a section on emphysema. Considering their clinical importance, I was disappointed that both these subjects are dealt with concisely but rather briefly. Nevertheless, all the important information is there, as it is for all the disease entities discussed in this book.

This is an excellent reference text, and I can understand why it is in its third edition. It will serve as a quick reference for practitioners of pulmonary medicine, be they thoracic surgeons or respirologists. It will be of particular interest to thoracic surgeons because it contains much more information about some of the clinical con-

ditions that they might encounter in their day-to-day association with respirologists than is found in standard thoracic surgical textbooks. The information is presented in a concise readable manner, which makes this book an ideal companion reference for some of the less common diseases of the lung.

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YEAR BOOK OF NEUROLOGY AND NEUROSURGERY 1997. Edited by Walter G. Bradley and Robert H. Wilkins. 585 pp. Illust. Mosby-Year Book, Inc., St. Louis. 1997. Can\$106. ISBN 0-8151-1209-2

Overall rating: Very good

Strengths: A broad survey of developments in neurology and neurosurgery in 1995

Weaknesses: Some neglect of the scientific basis of clinical neuroscience

Audience: All practising neurologists and neurosurgeons

This year book is published in cooperation with the American Association of Neurological Surgeons. The 18 chapters devoted to neurosurgery have all been edited by Robert Wilkins, the neurosurgeon editor, whereas the 18 chapters devoted to neurology have been edited by 18 neurologists. All the articles chosen were published in 1995.

Most of the journals surveyed are purely clinical, although a paper from *Cell*, elucidating the genetic basis for I form of spinal muscular atrophy is included. This landmark identification of "neuronal apoptosis inhibitory protein" was achieved in Ottawa in the

laboratories of Korneluk and McKenzie. The journals *Nature* and *Science* are surveyed but not the basic neuroscience journals such as *Neuron* or *The Journal of Neuroscience* in which clinically relevant discoveries in neuroscience are often published. The molecular basis of neurology and neurosurgery is well represented in some chapters, for example that on neuromuscular disorders, but barely at all in other chapters, such as the one on neuro-oncology.

Perhaps the greatest value of a year book to neurosurgeons is to draw attention to relevant articles in journals that they do not peruse regularly. For example, the substantial chapter on spinal disorders contains an article documenting an important genetic component of degenerative disease; another article from the *British Medical Journal* indicates that chiropractic care can be beneficial for low back pain, and a meta-analysis from the anesthesia literature suggests that epidural injection of corticosteroid can alleviate sciatica. The average neurosurgeon would not likely see these articles. In another article published in *Acta Neurochirurgica* it is suggested that recurrence rates after simple removal of a free lumbar disc fragment may be as low as or lower than after additional discectomy.

For many clinicians, a year book is still helpful in keeping them up to date, providing an eclectic collection

of data, much of which may not be drawn from a directed computer search or from review articles. The longevity of this year book attests to its utility and popularity.

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THE YEAR BOOK OF UROLOGY 1996. Jean B. DeKernion and Stuart S. Howards. 462 pp. Illust. Mosby-Year Book, Inc., St. Louis. 1996. Can\$115. ISBN 0-8151-3483-3

This year book provides an excellent review of the important urologic articles presented in the literature during 1995. It includes 36 chapters covering different aspects of urology. Over 3000 articles were reviewed to select the most informative and interesting papers. Articles from 54 different journals are presented in this 1996 edition.

Each of the selected articles is accompanied by a concise abstract and all important tables and graphs. This concept provides the reader with an excellent review of the literature on topics such as oncology, female urology, pediatrics, reconstructive surgery and infertility. Furthermore, a com-

ment by one of the leading experts in the field follows each article to help reinforce the positive and negative aspects of the paper.

In our busy practice, we tend to follow the literature with only a selected number of journals. This book provides a good opportunity to review the important articles published in journals that most urologists do not read regularly. It also provides an excellent opportunity to rapidly review the recent literature on topics that are of less interest or are less familiar to the reader.

On the other hand, the book was completed in November 1996, and all the articles were published in 1995, which means that some articles will be outdated by the time the book is published. There is no way around this problem for the authors in the few areas where knowledge and concepts are evolving rapidly. For such areas, the reader should be alerted that the information may not be as pertinent as when the articles were first published.

Overall this year book is a valuable text for all urologists and residents in training. It provides an excellent review of the pertinent literature on different urologic topics.

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Oncology Surgery Ophthalmology/Optomety Oral & Maxillofacial Surgery Orthopedic Nursing Orthopedics/Spine/Sports Medicine Surgery Otolaryngology Pain Medicine Pathology Pediatric Surgery Pediatrics Pharmacology Pharmacy Physical Medicine & Rehabilitation Physical Therapy & Womens Health Physical Therapy Plastic Surgery Podiatry-general Podiatry-general Primary Care/Family Medicine/General Practice Psychiatric Nursing Psychiatry Psychology Public Health Pulmonology Radiation Oncology/Therapy Radiology Rheumatology Skills & Procedures Sleep Medicine Sport & . Doctoral University or Medical School Masters or 4-Year Academic University Community College Government Other. Katzenstein AA, Askin FB. Surgical pathology of non-neoplastic lung disease. Major problems in pathology. 1982 Jan 1;13:1-430. Katzenstein, A. A. ; Askin, F. B. / Surgical pathology of non-neoplastic lung disease. In: Major problems in pathology. 1982 ; Vol. 13. pp. 1-430. @article{bd7631e0f53642a58b567c08af0a821d, title = "Surgical pathology of non-neoplastic lung disease.", author = "Katzenstein, {A. A.} and Askin, {F. B.}", year = "1982", month = jan Start by marking "Katzenstein and Askin's Surgical Pathology of Non-Neoplastic Lung Disease: Volume 13 in the Major Problems in Pathology Series" as Want to Read: Want to Read saving; Want to Read. It clarifies accepted diagnostic criteria for non-neoplastic lung diseases; establishes new criteria where needed; and emphasizes the important features in differential diagnosis. A generous bibliography is provided so that you can obtain more in-depth details if desired. The result is enough clearly prese Here's a practical, concise manual for diagnosing biopsy specimens. It clarifies accepted diagnostic criteria for non-neoplastic lung diseases; establishes new criteria where needed; and emphasizes the important features in differential diagnosis. 2. Katzenstein A. Katzenstein and askin's surgical pathology of non-neoplastic lung disease. 3 rd. ed. Virginia: Livolsi; 1997. Vol. 13 of series Major problems in pathology. Toronto: W. B. Saunders company; Ch. 2. 14"47. Rev. Resp. Dis. 1992; 146: 419. 5. Katzenstein A. L-A. Pathogenesis of "fibrosis" in interstitial pneumonia. An electron microscopic study. Hum. Request PDF | On Feb 1, 2007, Maura F. O'Neil published KATZENSTEIN AND ASKIN'S SURGICAL PATHOLOGY OF NON-NEOPLASTIC LUNG DISEASE, FOURTH EDITION | Find, read and cite all the research you need on ResearchGate. Toxicology of the Lung, 4th Edition. October 2006 Journal of Occupational and Environmental Medicine. Jonathan Borak. Read more.