

EUROPEAN SOCIETY OF PATHOLOGY NEWSLETTER

Summer 2020



TAKE A
LOOK
INSIDE

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Table of Contents

MESSAGE FROM THE PRESIDENT OF THE ESP	2
(By Prof. Holger Moch)	
EDITOR'S MESSAGE	3
(By Prof. Gordan Vujanić)	
THE ESP MONTHLY WEBINAR: A VIRTUAL GATHERING NOT TO BE MISSED	4
(By Prof. Aurelio Ariza, ESP Secretary)....	
MEMORIAL TRIBUTE: PROFESSOR JUAN ROSAI (1940-2020)	6
(By Prof. Manuel Sobrinho Simões)	
JUAN ROSAI: THE HERITAGE	8
(By Professors Gianni Bussolati and Vincenzo Eusebi)	
SOME RECENTLY PUBLISHED BOOKS .	9
(By Prof. Metka Volavšek)	
GLASGOW 2020	15

Message from the President of the ESP

(By Prof. Holger Moch)



Dear ESP Members, Dear Colleagues

Over the last months, we have spent time connecting to each other in a way very uncommon to our conventional gathering using a smart technology to maintain some semblance of normality. The current crisis is obviously not yet over but we are learning how to cope with it efficiently. We are truly thankful to our members for their tenacity and aspiration to support and engage with the virtual activities provided or/and planned by the ESP.

I recently had to communicate to you that the joint **XXXIII Congress of the International Academy of Pathology and 32nd Congress of the European Society of Pathology scheduled for Glasgow will be delivered as a virtual event (6th-8th December 2020)**. This was a result of the non-availability of the Scottish Event Campus. The current COVID-19 situation demonstrates that this decision will ensure the safety of ESP's faculty and attendees. However, a huge amount of work was already done and the programme for the congress was almost completed. I have to thank all people involved in working on the programme and have to encourage the Executive and Education Committees of ESP and the British Division of the IAP to set-up a

completely new virtual and interactive education environment for the ESP-IAP Congress 2020 within the next weeks. The exact format of the virtual ESP-IAP Congress 2020 is currently being confirmed, but we realise that learning in the virtual environment is different from live meetings. We will shorten the congress to 3 days and have reduced the registration fees. In an effort to provide an interactive and engaging meeting, we will retain the basic programme previously agreed, but we will modify it to reflect experiences gained from using virtual delivery platforms in other recent virtual meetings and in our 2 COVID-19 webinars. We want to create opportunities to interact virtually with colleagues in networking for and with industry through dedicated symposia. There will be interactive moderated Q&A sessions and keynote lectures and we plan a dedicated Covid-19 pathology session. We understand that this is a change from the normal operations, but we hope that you will still participate in the virtual meeting which should be both interesting and engaging.

I hope to have you with us for the virtual conference in December. Please visit the ESP and Congress websites (www.esp-congress.org; www.esp-pathology.org) for updates and FAQs.

Other activities

The ESP/UEMS Pathology Progress Test was successfully carried out online between 8th – 19th June. A total of 900 participants (66 Countries) entered the test and all were invited to leave their feedbacks at the end of the test. We are delighted to announce that ESP/UEMS will organise the second edition of this progress test in November this year so

please visit the ESP website regularly for the exact date of the test.

Following our successful webinars on COVID-19 in May and June, a new series of ESP webinars will be organised by the ESP Working Groups between September 2020 and March 2021, which will address an array of hot topics in particular pathology subspecialties. ESP members will be invited to attend and actively participate in these virtual activities at no cost. More information on this will be available soon on the ESP website.

In addition, ESP has been invited by USCAP to organise a virtual educational session at the USCAP 2021 Virtual Meeting (13-18 March). ESP will, as ever, be preparing an interactive and engaging scientific programme which will be delivered by renowned ESP Speakers.

In our current ESP newsletter, you will also read an obituary for Juan Rosai, MD, written by Gianni Bussolati and Vincenzo Eusebi. Juan Rosai was an outstanding member of the European Society of Pathology. He passed away in Milan, Italy, on July 7, 2020, after a long illness. Although he worked for many years in the US, Rosai had a major impact on pathologists in Europe, as you can read in the obituary.

With all ESP Committees and ESP HQ in Brussels, we are putting all our efforts into supporting our members through these challenging times and will activate and make use of the latest technology and platforms to deliver information, facilitate knowledge-sharing and allow the continued development of international collaborations and partnership.

We firmly believe we are delivering what is required in this time but, as ever, we remain open to your suggestions so please continue to share your thoughts, ideas and feedback with us.

For now, we continue to stand together while we are far apart.

All the best,

Holger Moch, MD
President of the European Society of Pathology

Editor's Message

(By Prof. Gordan Vujanić)



We are experiencing something that we have never experienced before... and hopefully will not have to face any time soon, although this may sound a bit over-optimistic considering unpredictability of this pandemic. We had to re-adjust the ways we live, work, and communicate, and to discover new ways of doing many things in our private and professional lives. Some proved to be relatively easy to adapt to, like online meetings and seminars, but it will be interesting and challenging to organise and 'attend' big events like our joint Congress in December. We all hope and believe it will be successful,

although a very important point of these meetings – a personal contact with colleagues and friends - will be impossible to replace with anything.

But, as always, life goes on, and we are doing our best to maintain our professional activities within the ESP and wider. You will read about these in the President's and the Secretary's messages.

A really sad piece of news for all pathologists worldwide is about the death of one of the giants of pathology – Juan Rosai, a truly remarkable person, pathologist and teacher.

And finally, you will find a good selection and review of recently published books prepared by our Associate Editor Prof. Metka Volavšek, but, noticeably, there is no list of forthcoming meetings...

The ESP Monthly Webinar: A virtual gathering not to be missed

(By Prof. Aurelio Ariza, ESP Secretary)



Many analogies are being drawn these days between Covid-19 and the Great Influenza pandemic of 1918 (so-called "Spanish Flu" because the uncensored press of non-belligerent Spain broke the terrible news to a world at war). Common features of these two pandemics include an overly dramatic cytokine storm

and, possibly, a highly lethal second wave in the autumn.

Today, however, easy access to the Internet and peace amongst the major powers are a far cry from the shaky telegraph and telephone communications and suicidal Great War humankind had to deal with in 1918. Now, a few mouse clicks are all required to be transported to a virtual gathering on a screen where knowledge and opinions can be safely shared while keeping physically distant. Such has been the case with the two webinars on Covid-19 recently held by the ESP for its membership across Europe. The webinars, sponsored by AstraZeneca Spain and first proposed by the Spanish Society of Pathology, took place on May 8th and June 25th.

The broad-perspective first webinar ("Covid-19: Unprecedented daily challenges in pathology departments across Europe") discussed the various countries' responses to the many organisational issues and biosafety concerns posed by Covid-19, including reorganisation of departments (Prof Xavier Matias-Guiu), management of samples (Prof Mattia Barbareschi), handling of corpses (Prof Gustavo Baretton) and impact on molecular testing (Prof Paul Hofman). Appropriately, the speakers were representatives of the pathology national societies of Spain, Italy, Germany and France, countries where the Covid-19 scourge has been felt with particular severity. Profs Holger Moch, Marco Santucci and Xavier Matias-Guiu moderated the event.

In contrast, the second webinar ("Methods for SARS-CoV-2 detection in tissues and Covid-19 pulmonary and cardiovascular Pathology") focused more specifically on just two topics related to Covid-19. The subjects discussed

were coronavirus detection techniques in pathology samples (Prof Zsuzsanna Varga) and the gross and microscopic findings shown by the lung, heart and blood vessels (Profs Fiorella Calabrese and Cristina Basso). Profs Ales Ryska and Aurelio Ariza were the moderators.

After paying the current pandemic its due, ESP webinars will deal with other issues of current interest when, after the summer break, they resume in September with a monthly periodicity. The experience gained from the May and June events will certainly help to improve upcoming webinar editions and ESP virtual activities as a whole, including the entirely online European Congress of Pathology to be held in early December 2020. In this regard, technical aspects are of paramount importance. First of all, heavy work by the ESP HQ (Dr Raed Al-Dieri, Dr Christos Poullos and Ms. Sarah Byaruhanga) before, during and after the webinars was essential for a successful outcome on both occasions. Prior actions included the coordination of moderators and speakers and the collection of questions sent beforehand by participants. During the events a major concern was the establishment of stable Internet connections. Fortunately, no significant connectivity issues arose in spite of the fact that moderators and speakers hailed from a variety of countries with dissimilar IT features.

Also, as the webinar developed, the ESP HQ personnel coordinated the reception of questions by participants through the platform Q&A section and facilitated those questions to the moderators. During the overall discussion section, the moderators read the questions to the audience and then the speakers offered their replies and comments. Upon completion of each of the two events, the HQ

made the recorded material accessible to all members through the ESP channel on YouTube. Much appreciated assistance from a professional IT provider was also available.

Effective communication of scientific data and their subsequent vivid discussion were deftly achieved in both webinars. Additionally, both experiences provided us all with great opportunities to test and hone our virtual communication skills. For the most part things ran smoothly on both occasions. Nevertheless, there was still room for improvement, as expected from the not uncommon lack of familiarity with platform operations and the great variety of IT tools used by panelists and participants. Indeed, it is not a bad idea to have some hands-on technical help available nearby just in case something goes awry.

Even more so than physical performances, virtual presentations require careful attention to body language, now narrowly limited to a detailed close-up of our facial expressions and head and hand movements. Appearing on screen too far or too near, too off-centred or too skewed, too fidgety or too still, too dark or too light may significantly detract from the quality of an otherwise excellent presentation. Making sure we exert a proper control of our microphone is also crucial. Not to be neglected either is the backdrop shown on screen, which will be scrutinized by viewers all through our time on camera. No doubt the quality of ESP webinars will progressively benefit from our gradual collective steeping in the not-always-intuitive niceties of virtual communication.

A crucial part of each webinar is the overall discussion section, during which the speakers answer the questions sent by participants.

Sufficient time should be allocated by the organisers to this most lively segment of the webinar, which is devoted to the active participation of attendees and the fruitful interaction amongst speakers and moderators. Consequently, it is advised that the number of speakers be limited to two or three and their presentations do not exceed twenty or thirty minutes each.

In conclusion, stay tuned for the ESP monthly webinars coming back in September and, in the meantime, enjoy a healthy summer away from the crowd-loving, crown-wearing virus.

Memorial tribute: Professor Juan Rosai (1940-2020)

(By Prof. Manuel Sobrinho Simões)

On July 7, 2020, Prof. Juan Rosai passed away at the age of 79.

I met him almost forty years ago travelling between the twin cities of Porto and Santiago de Compostela. Besides being the best surgical pathologist in the field of cancer diagnosis, I (we) think Juan Rosai was a first-class teacher and a unique human being. I had previously heard about his characteristics. In 1974, I got a handwritten card from Prof. Juan Rosai asking for a reprint of the paper we had just published on the ultrastructure of the nuclei of papillary thyroid carcinomas (Letters and reprints the Good Old Days...). Juan was, then, starting his activities at Minnesota University (1974) and I only realised later on that he obsessively followed the literature on numerous clinico-pathological entities and several subspecialties. He selected the journals and reprints he was interested in and

filed them in a systematically well-organised way. The same holds true for the large number of consultancy cases he got every week including clinical histories, slides and, whenever possible, follow-up data. Juan had one of the most powerful and intelligent /operational “memories” I have ever encountered. It was the stuff of legend to witness him dictating to a recorder the final version of a paper or a chapter he had just finished – references included!



Fig. 1: San Miniato, Italy, 1984 – The meeting “of” the insular thyroid carcinoma

I fondly remember the occasion we were with Rudi Heimann in the Paris Course of French Division of IAP – member of the Faculty from 2007 to 2017 and Juan declaimed the full names of some 30 colleagues of his school in Argentina. He had emigrated from Italy to Argentina with his family when he was 8 and got his MD from Buenos Aires at the age of 21. He started his residency in Hospital de Mar del Plata under the supervision of D. Eduardo Lescano and went on to Washington University in St. Louis recruited by his second pathology “maestro”, Dr Lauren Ackerman (Fig.1).



Fig. 2: Thyroid Cancer, WHO 2nd edition, Zurich, 1986 – Prof Hedinger acted as the “grand patron” and Juan Rosai as the rising star

Juan stayed in USA until 1999. After St. Louis and Minnesota, he was the chairman of pathology in Yale University (1985) and at the Memorial Sloan-Kettering Cancer Centre (1991) before moving to Instituto Nazionale dei Tumori in Milan. All together Juan worked in USA for about 35 years and in Italy for about 20 years, including a sabbatical leave in Bologna and Firenze that produces several seminal papers on thyroid pathology (Fig.2).



Fig 3: Award of Juan Rosai, “Porto City of Science”, Porto, 2010

Juan travelled frequently, but never without a purpose. Oversimplifying the issue, one may

say that he liked to attend professional meetings in North America and loved to join more colourful initiatives in Latin America and meridional Europe. We embarked in several atypical meetings throughout South America and Latin European countries including two Pathology Congresses along the Pilgrim’s Way to Santiago de Compostela organised by Jeronimo Forteza (2004 and 2010) (Fig.3 and 4).



Fig 4: Arriving to Santiago de Compostela (Il Camiño de Santiago, Santiago, 2010)

Juan kept a friendly and very positive attitude towards the ESP and attended several European congresses (Fig.5). He was a mentor to countless fellows and trainees and actually enjoyed sitting down with residents discussing cases whenever possible (Fig.6).



Fig 5: Congress of the European Society of Pathology, Porto, 1989 – The Whatizzit Context with our residents

He loved history, soccer, opera and gastronomy. Together with Maria Luisa and a couple of Italian colleagues you would travel to be present in European and World Cup Finals. Juan was crazy about opera and besides the usual “places” (Alla Scala, Firenze, Paris-Bastille,...) he even went to the surreal Amazona Theatre in Manaus with our dearest friend Marcello Franco. As for his interest in food I can never forget how Juan and Bernard Caillou enjoyed a “Tête de Veau” in Brasserie Lipp.



Fig 6: Discussing consultancy cases in Ipatimup, Porto, 2004

Juan loved discussing history in general and pathology in particular. His knowledge was encyclopaedic as best illustrated by the superb book “Guiding the Surgeon’s Hand” on the history of surgical pathology

Although Juan was compulsively concerned with the relevance of cancer diagnosis for patients, he was always willing to help and teach, and to build personal relations regardless of rank.

Prof. Juan Rosai was a giant amongst pathologists. He is sorely missed.

Manuel Sobrinho Simões

Juan Rosai: The heritage

(By Professors Gianni Bussolati and Vincenzo Eusebi)

Confronted once with the critical question of which factor was really pivotal in leading to excellence in diagnostic capacity, either the School, i.e. systematic education, or Memory, the bulk of sensible experience or Technology and the practice of a methodological analysis, Dr. Juan Rosai commented: “None of these: the critical factor is a knack, a gift of nature”. And he went on commenting: “in every Pathology lab, people recognize the gifted person who is able to solve difficult and unusual cases. He/she is not necessarily the oldest in the lab, nor the most experienced and the most prominent. Not even possibly the most intelligent or popular. But he or she can “see”, slides are not an inanimate conglomerate of cells and tissues: they speak and tell the hidden story of their origin and prospects”.

The process, in Dr. Rosai’s vision, was the result of a dedicated, gifted and passionate mind. Tissue structure was, in Dr. Rosai’s eyes, revealing subtle details, from which he was the only one able to get the correct diagnosis

To fully delineate His character, His professional activities, the quality of lectures and diagnoses, the relevance of His vast number of scientific papers (well over 400), Editorial commitments, the vast number of histological consultations (well over 60000 cases), of slide seminars (over 1400), and books, not only of pathology, would need professional biographers. Among the numerous books, he wrote several editions of Rosai and Ackerman’s Surgical Pathology which all were and

are useful to give the polar co-ordinates to correctly diagnose worldwide an infinite number of lesions.

Originally, he received an imprinting in diagnostic Pathology in Buenos Aires and Rio de la Plata (Argentina), under the wise and dedicated guide of Dr. Eduardo Lascano, whom he always prized as his mentor. His professional life had however a critical switch when he met Dr. Lauren V. Ackerman, who persuaded him to move to Saint Louis. His approach to histopathological diagnosis turned clinically oriented and he soon became a brilliant, subtle and convincing interpreter of Ackerman's school, linking structural microscopical features to clinical evolution and response to treatment. Probably it was then when he conceived the book "Guiding the surgeon's (and oncologist's) hand", for the sake of the patient.

From St Louis he moved to the University of Minnesota in Minneapolis, then to Yale University in New Haven and finally landed in New York, at the Memorial Hospital. This would have been a final destination for most people but not for Dr. J. Rosai, who finally moved to the Istituto Nazionale Tumori in Milan. Several colleagues did wonder about the reason of this move. Probably he wanted to go back to his Italy, where his parents had originated. A probable further attraction was la Scala, the opera house in Milan very much loved by him. No doubt he had a knack, but the natural gift was complemented by vision, organization, intellectual honesty, a monstrous memory and a superior technology. Among the several interests in technology he was the one who organised a transcontinental consult session of pathology via the internet in 1997, between an immunohistochemical society in New York and the Department of

Pathology in Bologna, Italy.

He had very few frustrations. The greatest one was probably the fact that he had never met Dr. J.G. Azzopardi from London after having read during a night flight the Azzopardi's book, "Problems in breast pathology".

They met in Bologna (Italy) in a restaurant and discussed until very late of problems in pathology to such extent that a pathologist who sat at the table with them, was intellectually so hyper stimulated that he remembered only a very limited portion of the discussion. He had the feeling since then that extraterrestrials might exist.

Gianni Bussolati and Vincenzo Eusebi
On behalf of the Italian Society of Pathology and Cytology (SIAPEC)

Some recently published books (By Prof. Metka Volavšek)



WHO Classification of Soft Tissue and Bone tumours.

WHO Classification of Tumours, 5th Edition, Volume 3

WHO Classification of Tumours Editorial Board (Eds.)

5th ed, 606 pages, ~ 130 €, IARC (2020)

Soft Tissue and Bone Tumours is the third volume in the 5th edition of the WHO series on the classification of human tumours. This series (also known as the WHO Blue Books) is regarded as the gold standard for the diagnosis of tumours and comprises a unique synthesis of histopathological diagnosis with digital and molecular pathology. These authoritative and concise reference books provide indispensable international standards for anyone involved in the care of patients with cancer or in cancer research, underpinning individual patient treatment as well as research into all aspects of cancer causation, prevention, therapy, and education.

Atlas of Dermatopathology

Synopsis and Atlas of Lever's Histopathology of the Skin

David Elder

4th ed, 584 pages, ~ 165€, Wolters Kluwer (2020)

Offering a highly visual, systematic approach to diagnosing skin diseases, Atlas of Dermatopathology: Synopsis and Atlas of Lever's Histopathology of the Skin, 4th Edition, is an ideal reference tool or teaching aid for dermatopathologists, pathologists, dermatologists, and trainees. This unique atlas uses a pattern-based approach to differential diagnosis, clearly organised according to what is seen on a microscopic slide. More than 1600 high-quality images assist in the understanding of cutaneous reaction patterns and diagnosis.

Rapid On-Site Evaluation (ROSE) in Diagnostic Interventional Pulmonology

Volume 2: Interstitial Lung Diseases

Series: ROSE in Diagnostic Interventional Pulmonology

Jing Feng, Wen Ning, Dianhua Jiang, Jingyu Chen, Bo Wu (Eds.)

252 pages, ~170 €, Springer (2020)

This book demonstrates the recent advances in rapid on-site evaluation (ROSE) for differential diagnosis of interstitial lung disease (ILD). Interstitial lung disease is a group of diffuse parenchymal lung disorders affecting the interstitium, a part of the lung's anatomic structure, causing inflammation, scarring, or excess fluid. ILDs include interstitial pneumonia, idiopathic pulmonary fibrosis, nonspecific interstitial pneumonitis, cryptogenic organizing pneumonia and sarcoidosis, which are associated with various degrees of morbidity and mortality rates.

ROSE has proven its value in diagnosis with routine transbronchial lung biopsy (TBLB) procedures, especially in difficult clinical cases. The first part of the book discusses the principals of performing ROSE procedures, reviews the basic concepts and summarizes the distribution and morphology of tracheal/bronchial/ pulmonary cells. The second part covers specific interstitial disorders, including a number of difficult and rare cases, and features iCT images and cytological illustrations. Providing readers with valuable insights, the book is an important resource for practitioners involved in the care and treatment of patients with ILD.

Oncological Surgical Pathology

Cesar A. Moran, Neda Kalhor, Annikka Weissferdt (Eds.)

2206 pages, 2689 illustrations, ~250 €, Springer (2020)

This text provides the necessary tools and up-to-date information on the morphological approach and most current use of ancillary tech-

niques in the diagnosis and treatment of malignant tumors. The work is divided by subspecialty areas so that the reader can easily obtain the information desired. Features of histopathological lesions are presented in each area, as well as an up-to-date use of the different immunohistochemical stains and molecular biology features, when applicable, which are commonly used to determine treatment modalities. All subspecialty sections are written by subspecialty pathologists with experience in tumor pathology and who work in a cancer center. Each chapter is richly illustrated and properly referenced. *Oncological Surgical Pathology* will be of use not only for pathologists (including pathology residents and fellows), but also for oncological surgeons, oncologists and interventional radiologists.

Histopathology Reporting. Guidelines for Surgical Cancer

David P. Boyle, Derek C. Allen (Eds.)

4th ed, 507 pages, 125 illustrations, ~140 €, Springer (2020)

This book is an easily comprehensible and practicable framework for standardised histopathology reports in surgical cancer. The pathological features of the common carcinomas are detailed and non-carcinomatous malignancies are also summarised. 8th edition TNM and WHO classifications of cancers are incorporated, with comments on any associated pathology, diagnostic clues and prognostic criteria supplemented visually by line diagrams.

Uropathology

Maria R. Raspollini, Antonio Lopez-Beltran (Eds.)

Series: Encyclopedia of Pathology

510 pages, 348 illustrations, ~320 €, Springer (2020)

The book covers all relevant topics of uropathology (tumoral and non-tumoral), from the normal histology of the genitourinary tract to pathological findings of diseases in the male genital and urinary tract. To make the content more accessible, all content is arranged alphabetically and each entry is uniformly structured, presenting the epidemiology, the clinical signs, the gross and histological features, the immunohistochemical stainings, and the molecular data for each disease. Histological pictures clarify the microscopic findings and help readers understand the differential diagnosis for genitourinary tract diseases.

Pulmonary Pathology

A Practical Guide

Helmut Popper, Bruno Murer

Series: Essentials of Diagnostic Pathology

597 pages, 1693 illustrations, ~260 €, Springer (2020)

This book provides an up-to-date overview of diagnostics in lung and pleura pathology. It helps surgical and clinical pathologists solve problem cases in lung and pleura tumor pathology as well as in other fields of pulmonary/pleura pathology such as interstitial lung disease, rare tumors, metabolic diseases, infectious pneumonias, pneumoconiosis, drug induced lung diseases, developmental and pediatric pulmonary pathology. Focusing on practical issues and providing numerous illustrated examples of typical and atypical cases, it guides residents as well as experienced pathologists through the problems and pitfalls in pulmonary and pleura pathology. References have been kept to a minimum.

Normal and Abnormal Prepuce

Mohamed A. Baky Fahmy

312 pages, 326 illustrations, ~160 €, Springer (2020)

This illustrative book discusses the normal embryology, anatomy, functions, normal variations and diseases affecting the prepuce. It also explores other rare anomalies and diseases of the prepuce as well as previously unreported cases. In addition to the male prepuce, the book also discusses the female prepuce (hood) in order to elucidate some lights in normal and abnormal prepuce. A separate section covers the frenulum and its anomalies.

Rich in illustrations this book will help paediatricians and urologists better understand the anomalies of the prepuce.

Tumors and Tumor-Like Lesions of Bone

Eduardo Santini-Araujo, Ricardo K. Kalil, Franco Bertoni, Yong-Koo Park (Eds.)

2nd ed, 1002 pages, 1244 illustrations, ~320 €, Springer (2020)

This updated second edition of a successful book provides essential, internationally applicable information in the area of bone and joint pathology with emphasis on practical diagnostic aspects, including many illustrations: roentgenograms, CT-scans, MRI, scintigraphies, as well as pictures of gross surgical specimens and microphotographs, immunohistochemical reactions and genomics. Information on histopathological and molecular diagnosis, and basic therapeutic guidelines are provided.

The International Academy of Cytology Yokohama System for Reporting Breast Fine Needle Aspiration Biopsy Cytopathology

Andrew Field, Wendy Raymond, Fernando Schmitt (Eds.)

185 pages, 119 illus, ~80 €, Springer (2020)

This text describes a system of reporting breast fine needle aspiration biopsy that uses

five clearly defined categories, each described by a specific term and each with a specific risk of malignancy. The five categories are insufficient/inadequate, benign, atypical, suspicious of malignancy and malignant. Each category has a risk of malignancy and is linked to management recommendations, which include several options because it is recognized that diagnostic infrastructure, such as the availability of core needle biopsy and ultrasound guidance, vary between developed and low- and middle-income countries. This text includes key diagnostic cytological criteria for each of the many lesions and tumors found in the breast. The cytopathology of specific lesions is illustrated with high quality photomicrographs with clear figure descriptions. Chapters also discuss current and potential future ancillary tests, liquid based cytology, nipple cytology and management. An additional chapter provides an overview of an approach to the diagnosis of direct smears of breast fine needle aspiration biopsies.

Diagnosis of Musculoskeletal Tumors and Tumor-like Conditions

Clinical, Radiological and Histological Correlations - The Rizzoli Case Archive

Piero Picci, Marco Manfrini, Davide M. Donati, Marco Gambarotti, Alberto Righi, Daniel Vanel, Angelo P. Dei Tos, (Eds.)

2nd ed, 362 pages, 272 illustrations, ~145 €, Springer (2020)

This book, now in a second revised edition, casts light on the often-complex diagnosis of musculoskeletal tumors and tumor-like conditions by drawing on the experience of the Rizzoli Orthopedic Institute during more than 100 years of treatment and research in the field. The different entities are described from a multidisciplinary perspective, highlighting

clinical, radiological, and histological correlations. Particular emphasis is placed on differential diagnosis, which often needs to take into account nontumoral conditions. The recent identification of further significant biological and genetic features, and the impact of these discoveries on the classification of round cell tumors, vascular lesions, and spindle/pleomorphic entities in bone, is also extensively discussed. The Rizzoli case archive dates back to September 1900 and contains the original material relating to more than 29,000 bone lesions and 11,000 soft tissue lesions. It is a fabulously rich resource, and this book will be invaluable for pathologists, radiologists, and clinicians at all levels of experience.

Kidney Cancer

Recent Advances in Surgical and Molecular Pathology

Mukul K. Divatia, Ayhan Ozcan, Charles C. Guo, Jae Y. Ro (Eds.)

445 pages, 192 illustrations, ~135 €, Springer (2020)

This book provides a comprehensive overview of pathology of kidney tumors along with radiological features and up to date treatment strategies that enable the readers to avail this information in day to day pathology sign-out as well as interaction with clinical colleagues of different disciplines. It also serves as a referral resource for the current medical or surgical practice while preparing for examinations or maintenance of certification. Written by experts in the field, chapters contain an updated review of important pathologic parameters mandated for diagnosis and reporting with emphasis on updated information regarding new developments in this interesting field. Numerous high-resolution color images aptly illustrate the various pathologic entities

and their features as outlined in the text section along with tables that highlight the differential diagnoses and salient ancillary features.

Esophageal Cancer

Prevention, Diagnosis and Therapy

Nabil F. Saba, Bassel El-Rayes (Eds.)

2nd ed, 336 pages, 43 illustrations, ~155 €, Springer (2020)

The second edition of this very successful book documents the latest progress in the prevention, diagnosis and treatment of esophageal cancer and includes additional sections covering novel targeted therapeutic approaches, immunotherapy and palliative and nutritional support for patients. Furthermore, the sections covering epidemiology, molecular biology, pathology, staging and radiologic and endoscopic assessments have been thoroughly updated and expanded. The principles of surgical resection, radiation therapy and systemic therapy are reviewed and attention is paid to the multidisciplinary approaches to the management of early stage cervical, thoracic, distal and junctional tumors. Updated information is also provided on the treatment of metastatic and recurrent disease as well as approaches that may impact future care, such as chemoprevention. Esophageal Cancer: Prevention, Diagnosis and Therapy will assist specialists from various disciplines, including surgery, radiation therapy, gastroenterology, medical oncology and palliative medicine, in delivering optimal, up-to-date care to the benefit of patients.

Tumors of the Uterine Corpus and Trophoblastic Diseases

Esther Oliva, David C. Wilbur, Neil J. Sebire, Robert A. Soslow

Series: AFIP Atlas of tumor pathology, Series 4

520 pages, ~200 €, American registry of Pathology (2020)

Since the publication of the Third Series Fascicle of the Uterine Corpus nearly thirty years ago, molecular discoveries have deepened our understanding of epithelial, mesenchymal, and mixed müllerian tumors of the uterus, fueling a new and still evolving classification of the different categories of uterine neoplasms. Enormous insights have been made to refine the classification of the different subtypes of endometrial carcinoma linked to important prognostic and therapeutic implications. At the same time, molecular findings have allowed for the discovery of familial syndromes associated with uterine corpus neoplasms, and identification of patients at increased risk for developing specific tumors, with the subsequent implementation of genetic counseling and appropriate treatment guidelines. Molecular underpinnings have also assisted in the development of new and potentially more predictive morphologic criteria for endometrial preneoplasia, namely the endometrial intraepithelial neoplasia (or EIN) system.



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**32nd Congress of the
European Society of Pathology
and
XXXIII International Congress of the
International Academy of Pathology
6 – 8 December 2020**

www.esp-congress.org
www.iap2020.com

jointly organised by
▶ European Society of Pathology
▶ British Division of the IAP