New Publications

Spring 2018
Rights Catalogue
Drug-induced disruption of the body’s micronutrient balance often leads to adverse drug reactions. Long-term treatment with corticosteroids, for example, can increase the risk of corticosteroid-induced osteoporosis, while thiazide or loop diuretics cause renal magnesium and potassium loss that can increase the risk of hypertriglyceridemia and insulin resistance. Metformin interferes with vitamin B12 availability and encourages neurological disorders. All content has been updated in the fourth edition of this reference work, and new findings are included on such topics as

- the influence of gut microflora on the effects of drugs and micronutrients,
- vitamin K and its possible interactions with vitamin K antagonists, and
- the central role of melastatin channels in active magnesium resorption.

This reference work helps physicians and pharmacists understand the interactions between drugs and micronutrients and use this knowledge to benefit their patients.

“... a compelling book in every way ... a standard reference for modern, critical pharmacotherapy.”

(Prof. Alfred Wolf, Ulm)
Paediatric Dosing Charts
Determining dosages for paediatric prescription drugs

By Linda Jaffan-Kolb and Harald Erdmann. Founded by Gustaf-Adolf von Harnack and Folker Janssen.
15th completely revised edition 2018. XIV, 754 pages. Format 11,5 x 16,5 cm. Flexible. € 37,50 [D]
ISBN 978-3-8047-2981-0

Selecting medicines and then determining the best dosage form and dosage for children belong to the most difficult tasks of a physician, particularly because more than 50% of the drugs prescribed for children are off label for paediatric use. As a consequence, dosage recommendations are seldom available.

A new team of authors has completely overhauled this standard reference work while retaining its unique approach.

- Dosage information for more than 300 drug substances
- Differentiation by age and weight
- Off-label dosages based on literature and experience

New in the 15th edition: Information on contra-indications and the frequency of adverse effects. Information on approval for paediatric use. Citation of scientific articles with dates in the monographs.

Essential for physicians and indispensable for pharmacists whenever prescriptions must be checked for plausibility.

Readership: General practitioners, paediatricians, pharmacists in community and hospital pharmacy, pharmaceutical technicians
Start low, go slow ... but go!

Medication for the Elderly
Strategies for the best possible pharmacotherapy

By Dr. Beate Mussawy.
2018. XII, 164 pages. 37 colour figures.
29 colour tables. Softcover. € 24,80 [D]
ISBN 978-3-8047-3614-6

Even Hollywood star Bette Davis knew that “Getting old ain’t for sissies.” Beyond the age of 70 our physical and mental powers decline. Age-related diseases such as high blood pressure, diabetes or dementia often lead to polymedication – an enormous challenge not just for the elderly patients themselves, but also for their physicians and pharmacists. The author, a hospital pharmacist, has studied pharmacotherapy for the elderly in depth. She provides the reader with an entire toolbox to help them make sure their patients receive the best possible care.

- Fundamentals: changes in old age and typical diseases
- Strategies: guidelines, lists of potentially inadequate medications and methods for ensuring more safety in drug therapy
- Aids: medication plans, pre-filling of multi-compartment compliance aids boxes, blister packs and enteral administration
- Practical tips: vaccinations, travelling with prescription medicine and gerontoprophylaxis

Making life just a little easier for older patients – a worthwhile endeavour!

Readership: Pharmacists in community and hospital pharmacy, pharmaceutical technicians, physicians, nurses
Modern wound management places high demands on local wound treatment. What is better – alginates, hydrocolloids, gels or silver-coated dressings? There is an enormous array of products on the market. This work provides a compact overview with all the most important information for professional application:

**Selection:** indications, contra-indications and mode of action for targeted therapy

**Prescription:** packaging units, sizes and prices for safe and economical prescribing

**Application:** product photographs and descriptions of proper application for successful therapy.

Now split into two volumes because of the large number of newly included products.

**Readership:** Pharmacists in community and hospital pharmacy, pharmaceutical technicians, nurses
Complementary pharmacy – taking the broader view

The Big Handbook of Complementary Medicine for pharmacists and physicians
Edited by Prof. Dr. Dr. Harald Walach, Dr. Sebastian Michael and Dr. Siegfried Schlett.
2018. XXII, 472 pages. 34 colour figures. 41 colour tables. Hardcover. € 49,80 [D]
ISBN 978-3-8047-3605-4

Every day, patients turn to their pharmacists and physicians to ask what they think about complementary therapies. Often, school knowledge and information from the Internet isn’t enough.

The respected editors and authors have combined their scientific, therapeutic and pharmaceutical expertise. In their solid reference work they
■ describe complementary therapies and give them a scientifically based rating
■ examine the possibilities and limitations of complementary therapies
■ summarize the current state of research.

Complementary expertise makes you a sought-after advisor for patients and a valued discussion partner for colleagues.

Readership: Pharmacists, pharmacy managers, pharmacy interns, pharmaceutical technicians, physicians, nurses, alternative practitioners
Runny nose, headache, stomach cramps – when patients experience such everyday aches and pains, they turn first to their pharmacy, where the waiting lines are short and they are certain to receive good advice and personal attention.

17 informative, practical and entertaining chapters invite the reader to browse. Each includes all the necessary information about the classic indications and applications of self-medication, from allergies, back pains and acid reflux to oral hygiene, travel medicine and weight loss products. Tables with examples for active substances and preparations from traditional Western medicine, phytotherapy and complementary medicine cover the entire spectrum of recommendations.

When pharmacies can draw on such a broad foundation of knowledge, every customer is sure to receive the right advice.

**Readership:** Pharmacists, pharmaceutical technicians, pharmacy interns
Chemistry II – A Short Textbook

Organic chemistry for pharmacists

By Prof. Dr. Eberhard Ehlers.

9th revised and enlarged edition 2018.
XII, 740 pages. 95 figures. 97 tables.
Softcover. € 56,– [D]
ISBN 978-3-7692-6224-7

A compact overview of basic knowledge and examination material in organic chemistry for pharmacy students, covering everything asked in the first section of the German pharmaceutical board examinations.

The ninth edition has been completely revised and made more concise, reflecting the thematic focus of the current IMPP examination questions.

New chapters cover photochemical reactions and the acid–base theory in organic chemistry.

For over 30 years, the Ehlers textbook series has meant the best possible preparation for semester tests and the first section of the German pharmaceutical board examination.

Readership: Students of pharmacy
Get comfortable with EBPP

Evidence-Based Pharmacy Practice
A step-by-step guide

By Dr. Judith Günther, Dr. Birgit Schindler, Dr. Katja Suter-Zimmermann, PD Dr. Matthias Briel and Dr. Iris Hinneburg.

2018. 80 pages. 30 colour figures. 11 colour tables. Format 21 x 29,7 cm. Softcover. € 24,90 [D]
ISBN 978-3-7692-7046-4

In view of the explosion in drug information it might seem impossible to keep abreast of all the topics relevant to pharmacy. But the founders of evidence-based medicine have developed a method that enables individual practitioners to find, evaluate and put into context relevant information.

The authors provide an introduction to the methods of evidence-based pharmacy practice (EBPP), explaining technical terms from biometrics and showing their relevance for advising patients using concrete examples from pharmaceutical practice.

With this reference, readers will lose their fear of medical statistics and soon learn to be comfortable with hazard ratios, intention-to-treat, confidence intervals and more.

Readership: Students of pharmacy, pharmacists, medical statisticians, biometrics specialists, pharmaceutical industry
In March 2017, new German regulations on cannabis took effect, to the relief of many patients who put their last hopes in cannabis. False expectations, high bureaucratic hurdles in prescribing regulations and uncertainty about how to handle and use the product, however, have dampened the initial euphoria. But the interest continues unabated. This book addresses the most important questions:

- What varieties and dosage forms of cannabis are available?
- What can be prescribed for whom and on the basis of what legal regulations?
- What indications respond to cannabis?
- What are the application forms, effects and side effects for the patient?
- How does purchasing, storage and analytical testing work in the pharmacy?

The second edition has added a chapter on formulation and laboratory methods, with practical tips on processing, labelling and documentation for cannabis-based medications, as well as a chapter of FAQs. The medical section has been expanded and the list of cannabis-based medications and purchasing sources has been updated.

This compact working guide for the pharmacy will give you the professional tools and confidence you need to work with cannabis.

**Readership:** Pharmacists, pharmaceutical technicians, pharmacy interns
Until 2008, coumarin was the only oral anticoagulant available. For decades, doctors and pharmacists looked for alternatives because of the high risk of bleeding and the numerous interactions. The solution was finally found in a new class of direct-acting oral anticoagulants (DOACs).

Since then, DOACs have become a major success story. Between 2012 and 2015 its prescription volume rose by more than a factor of six. At the same time, this rapid growth led to a substantial need for information on the part of doctors and pharmacists.

This Update was written to address that need with a systematic overview of the mode of action, opportunities and risks of dabigatran and other DOACs. In particular the reader is given valuable information for the pharmaceutical counselling of anticoagulation patients.

**Readership:** Pharmacists in community and hospital pharmacy, physicians
"I’d like to have that green cough syrup." Experienced pharmacists might immediately know what the customer means, but beginners are often stymied by such requests. This book helps pharmacy newcomers put their textbook knowledge to work counselling customers with an overview of the most common preparations for self-medication.

**Counselling patients**
From directions for application to special instructions: this is what you need to tell your customer!

**What to keep in mind**
From comparable products to information for special patient groups: make a good impression with professional expertise.

**At a glance**
185 photographs of OTC packages help you know what your customers are asking for.

**TOP60 know-how: your crash course for quick answers**
to 80% of all commonly asked questions

**Readership:** Pharmacy interns, pharmaceutical technician interns, career break returners
What pharmacologic class does aztreonam belong to? Where are the chirality centres of amoxicillin located? What happens during the identity test for acetazolamide using copper(II) sulphate?

The answers to these questions and many other facts have been assembled by the author, who has extensive experience with examinations. In the third edition the number of described substances has been increased to 660 to cover the majority of substances currently encountered in internships in the pharmaceutical industry.

The perfect companion, whether you are preparing for examinations, brushing up your facts or looking for a workbook to use during studies and internships.

Readership: Students of pharmacy
Dysphagia, rebound rhinitis or shingles – pharmacists and pharmaceutical technicians are expected to provide expert advice even for unusual indications. In the day-to-day routine of every pharmacy there will always be occasions where you might need to brush up your knowledge on certain important topics. This book is the perfect companion for a quick update, with
- practical knowledge condensed to manageable titbits
- 60 indications, each presented on a double page
- up-to-date standards with a selection of medications conforming to current guidelines.

From background knowledge about the limitations of self-medication all the way to complementary therapy options, these nutshell presentations will help you provide the right advice for every indication.

Readership: Pharmacists, pharmaceutical technicians, pharmacy interns
Is what we eat making us sick?

Food Intolerance
Lactose – fructose – histamine – gluten

By Prof. Dr. Martin Smollich and Dr. Axel Vogelreuter.
2nd revised and enlarged edition 2018.
XII, 262 pages. 45 colour figures. 43 tables. Hardcover.
With medical history questionnaire available for download at www.Online-PlusBase.de.
€ 48,– [D]
ISBN 978-3-8047-3508-8

Food intolerance is a growing problem in today’s society, and the patient’s and therapist’s need for information increases with it. At the same time, some diseases are evolving into fads, and the substances in question into nocebos.
The authors of this compact reference describe the relevance, occurrence and clinical symptoms of the most common food intolerances, along with their diagnosis and therapy.
Practical tips, case studies, differential diagnoses and additional information equip the reader to provide expert advice for patients.

Readership: Physicians, pharmacists, dieticians, nutrition experts, nutrition consultants
Nothing going without knees

Activating the Knee
120 exercises for arthrosis and after joint replacement, injuries or surgery
By Dr. Joachim Merk and Prof. Dr. Thomas Horstmann.
362 colour figures. Format 17 x 21,5 cm. Softcover.
With training diary and original Thera-Band®.
€ 24,80 [D]
ISBN 978-3-7776-2673-4

Stabbing pain, aches and tenderness in the knee – such symptoms make patients unsure of themselves, limit mobility and lead to faulty posture with a further loss of vitality and quality of life. Taking care of our knees means taking care of ourselves. The right training can prevent problems and alleviate or even correct many complaints. Activating the Knee provides 120 exercises to stretch, strengthen and improve mobility, with detailed photographs and clear instructions. They can be combined to create a personalized exercise program.

New: myofascial training for relaxing and limbering up the fascial structures.

Readership: Patients with knee problems such as arthrosis or after injuries or surgery, physiotherapists, fitness or sports trainers
Ask someone who has the answers!

We've all heard the disclaimer "Side effects include ..." a thousand times. Many patients are relieved to be able to discuss their concerns about drug risks with their doctor or pharmacist, and there are always situations where it is more important for a pharmacist to provide answers than to rattle off facts.

The profession of pharmacist has been around for 800 years, and what they don't know about drugs, they can find out quickly. Good pharmacies are well on their way to evolving from mere providers of medicines to the place people turn for advice and facts about how to use medicines properly. Our concept of disease, health and recovery is bound to change in the future, and familiar roles must be redefined. In this book, the reader will learn how important the role of the pharmacist is and will always remain for our health.

Readership: Pharmacists, patients
The intrinsic value of the environment is now anchored in many national laws and international treaties, but politicians, ecologists and the broad public disagree over what it means, how it can be justified and what consequences must be drawn from it. If other creatures have a moral status just like humans, is it right to intervene in the environment at all? If so, under which conditions and to what extent? Do all animals and plants have the same intrinsic value? How can we achieve a plausible balance of interests in our dealings with the environment?

Martin Gorke's book gives us answers to these questions. His arguments for an intrinsic value of the environment as a whole distinguish themselves from other far-reaching ethical concepts because he intentionally refrains from making questionable ideological assumptions. In this way Gorke not only sets new accents in the controversial discussion about philosophical environmental ethics, but gives conservationists an understandable and plausible foundation for their arguments.

Readership: Philosophers, environmental ethicists, animal ethicists, theologians, conservationists and animal rights activists, biologists, geoecologists, landscape designers
**Fiedler – Encyclopedia of Excipients**

at www.DrugBase.de

Revised by Dr. Martin Holzer.

Yearly subscription fee for one concurrent user from one location:
- For community / retail pharmacies: € 215,– plus VAT*
- For hospital pharmacies: € 430,– plus VAT*
- For pharmaceutical companies: € 860,– plus VAT*

* Other prices apply to additional locations or additional concurrent users. Quotation on demand.

Free 10-days-trial at www.DrugBase.de.

**Fiedler – Encyclopedia of Excipients** is the most comprehensive database on excipients used in pharmacy, cosmetics and related fields offering more than 13,000 entries. Monographs follow a unified structure:
- Names and synonyms: INN, INCI, compendial, trivial and chemical names, trademarks, CAS-, EINECS- and E-numbers
- Definition: Description, composition, chemical structure, molar mass
- Basic properties: Appearance, physicochemical data, solubility, spectra, etc.
- Application characteristics and main uses in pharmacy and cosmetics, illustrated by examples
- Stability and incompatibilities
- Pharmacology and toxicology
- Analysis methods
- References with broad literature citations
- List of excipient suppliers

A manufacturers directory gives about 500 addresses and full contact details.

**Readership:** Pharmaceutical and cosmetic industries, research organisations, laboratories, suppliers, authorities, colleges / universities, pharmacies

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**Index Nominum – International Drug Directory**

at www.DrugBase.de

Edited by pharmaSuisse, Swiss Association of Pharmacists.

Yearly subscription fee for one concurrent user from one location:
- For community / retail pharmacies: € 322,– plus VAT*
- For hospital pharmacies: € 644,– plus VAT*
- For pharmaceutical companies: € 1288,– plus VAT*

* Other prices apply to additional locations or additional concurrent users. Quotation on demand.

Free 10-days-trial at www.DrugBase.de.

**Index Nominum** is the international database for active pharmaceutical ingredients (APIs), branded medicinal products, synonyms, and chemical structures.

- Overview of the international nonproprietary names (INN), chemical designations (IUPAC), official synonyms, and medicinal products (medications containing a single active substance as well as dual combinations and selected combination drugs containing three or four active agents) made by 30,000 manufacturers in 175 countries.
- 7800 active substances and derivatives, 25,000 synonyms, and more than 470,000 trademarks of medicinal products for human and veterinary use.
- Targeted search by API name, branded medicinal product, CAS No., therapeutic class, ATC code, ATCvet code, and manufacturer.
- APIs that are no longer commercially available are retained and correspondingly labelled “off-market”. Branded medicinal products withdrawn from the market are given a country-specific “off-market” label.

**Readership:** Pharmacists, authorities, pharmaceutical industry and wholesale