

Order Form

Developments in Ophthalmology

Please send:

copy/ies: **Vol. 33: Antiseptic Prophylaxis and Therapy in Ocular Infections**

CHF 224.- / EUR 160.- / USD 195.00

ISBN 3-8055-7316-2

copy/ies:

ISBN 3-8055-

copy/ies:

ISBN 3-8055-

the book series **Developments in Ophthalmology** on continuation beginning with vol.

information on vols. 1-32

All Karger series are available on continuation. Each new volume will be sent upon publication until order is countermanded.

For easy ordering or information about other Karger publications log on to: www.karger.com

Postage and handling free with prepayment

Payment:

Check enclosed Please bill me

Please charge this order to my credit card

American Express Diners Visa

Eurocard MasterCard

Card No.:

Exp. date:

Name/Address (please print):

Date:

Signature:

Orders can be placed at agencies, bookstores, directly with the publisher, or with any Karger distributor.

S. Karger AG, P.O. Box, CH-4009 Basel (Switzerland)

Fax +41 61 306 12 34, E-Mail karger@karger.ch

USA: S. Karger Publishers, Inc., 26 West Avon Road, P.O. Box 529, Farmington, CT 06085 Toll free: 1-800-828-5479

Germany: S. Karger GmbH, Lörracher Str. 16A, D-79115 Freiburg

S. Karger GmbH, Querstrasse 18, D-04103 Leipzig

France: Librairie Lugubühl, 36, bd de Latour-Maubourg, F-75007 Paris

United Kingdom, Ireland: S. Karger AG, 58 Grove Hill Road,

Tunbridge Wells, Kent TN11 1SP (UK)

Baltic States: Klanberg Ltd., Jääraku 67, EE-12015 Tallinn (Estonia)

India, Bangladesh, Sri Lanka: Panther Publishers Private Ltd.,

39, 6th Cross, Wilson Gardens, Bangalore 560 027 (India)

ASEAN countries, Hong Kong, Taiwan, South Korea:

APAC Publishers Services Pte. Ltd., 31, Tannery Lane,

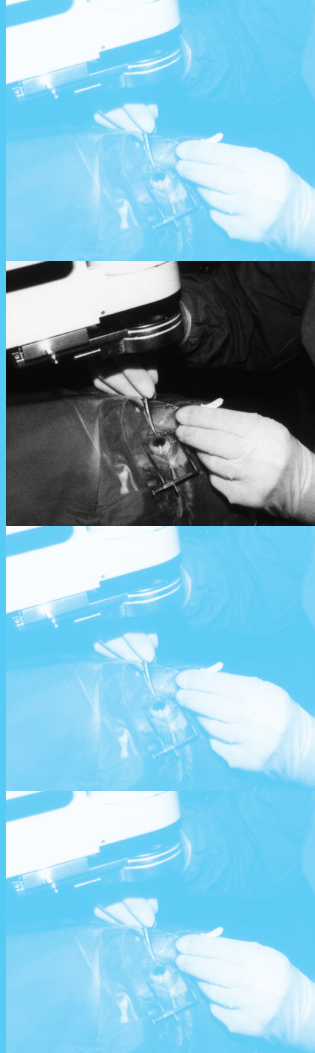
#07-01 Dragon Land Building, Singapore 347788

Japan: Katakura Libri, Inc., 2F, Marushima Bldg, 4-6-17 Yushima,

Bunkyo-ku, Tokyo 113-0034

Australia: DA Information Services, 648 Whitehorse Road, P.O. Box 163, Mitcham, Vic. 3132

To be ordered through:



Developments in Ophthalmology, Vol. 33 **Antiseptic Prophylaxis and Therapy in Ocular Infections**

Principles, Clinical Practice and
Infection Control

Editors: Kramer, A. (Greifswald);
Behrens-Baumann, W. (Magdeburg)
XVI + 376 p., 27 fig., 67 tab., hard cover, 2002
CHF 224.- / EUR 160.- / USD 195.00
ISBN 3-8055-7316-2

Prices subject to change
EUR price for Germany
USD price for USA only

The first interdisciplinary compilation on
clinical indications and the effectiveness of ...

Antiseptic Prophylaxis and Therapy in Ocular Infections

Principles, Clinical Practice and Infection Control

Editors

Axel Kramer, Wolfgang Behrens-Baumann

This volume collects for the first time interdisciplinary findings in ophthalmology concerning effectiveness and indications of antiseptics for the prophylaxis and therapy of infections.

The first part discusses the use of various antiseptics against colonization, contamination and infection of the eye caused by viruses, bacteria, fungus and protozoa in comparison to topical antibiotics. The spectrum of action, the risk of resistance of only microbiostatic active agents and the galenic requirements of antiseptics are included as well as the local and systemic tolerance. New data to iodophors, polyhexanide and magnesium monoperphthalate are presented, and, for the first time, microbiologic requirements of ocular antiseptics are defined. In the second part the current scientific knowledge of prophylaxis and therapeutic antiseptics is presented including Credé's prophylaxis and requirements in cornea banks. The final part is reserved for additional topics such as isolation techniques, hand hygiene, hygiene of contact lenses and microbiological diagnostics.

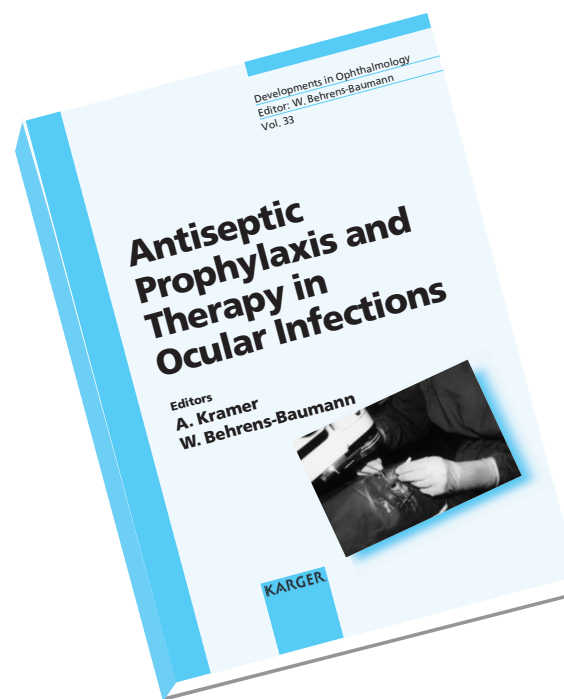
To ophthalmologists, optometrists and opticians this book will give indispensable information on latest clinical and experimental findings in the field. It will also be essential reading to hygienists, microbiologists, infectionists, pharmacologists, pharmacists, and pediatricians interested in ophthalmologic issues.

KARGER

Fields of Interest: Ophthalmology; Infectious Diseases; Microbiology,
Preventive Medicine

Antiseptic Prophylaxis and Therapy in Ocular Infections

Principles, Clinical Practice and Infection Control



Contents

Preface: **Kramer, A.; Behrens-Baumann, W.**

List of Contributors

Fundamentals and Aims

Microbial Colonization of the Eye as Target for Antiseptics: **Kramer, A.; Behrens-Baumann, W.**

The Eye and Conjunctiva as Target of Entry for Infectious Agents: Prevention by Protection and by Antiseptic Prophylaxis: **Gürtler, L.**

Antisepsis versus Antimicrobial Chemotherapy and Range of Indications for Eye Antiseptic: **Kramer, A.; Behrens-Baumann, W.**

Requirements Concerning Antiseptics for Periorbital, Orbital and Intraorbital Application

– Antimicrobial Effectivity: **Kramer, A.; Werner, H.-P.**

– Local Tolerance: **Baatz, J.; Kramer, A.; Geerling, G.; Harder, D.; Müller, G.; Reimer, K.; Rudolph, P.**

– Systemic Tolerance of Antiseptics Used in Ophthalmology: **Siegmund, W.; Giessmann, T.**

– Pharmacokinetics of Ophthalmic Drugs:

Tawik Schlieper, K.

– Formulation Requirements for the Ophthalmic Use of Antiseptics: **Krämer, L.; Haber, M.; Duis, A.**

Efficacy and Tolerance of Selected Antiseptic Substances in Respect of Suitability for Use on the Eye: **Kramer, A.; Rudolph, P.**

Importance and Epidemiology of Infectious Eye Diseases: **Klauss, Y.; Schallen, U.C.; Bialasiewicz, A.A.**

Incidence of Endophthalmitis in Ophthalmic Surgery: **Frisch, L.; Dick, H.B.**

Methicillin-Resistant *Staphylococcus aureus* in Ophthalmology, Occurrence, Sanitation Measures and Hygienic Precautions: **Wagenvoort, J.H.T.**

Nosocomial Virus Infections of the Eye: **Caspari, G.; Wassill, H.**

Clinical Use of Antiseptics

Prophylactic Indications for Eye Antiseptics

– Pre-, Intra- and Postoperative Antisepsis in

Eye Surgery: **Behrens-Baumann, W.; Kramer, A.**

– Prophylaxis of Ophthalmia neonatorum: **Kramer, A.; Aspöck, C.; Assadian, O.; Below, H.; Behrens-Baumann, W.; Fesch, C.; Reimer, K.; Rudolph, P.; Wutzler, P.**

– Measures for Prevention of Infection via Corneal Transplants: **Wilhelm, F.; Bredehorn, T.; Kramer, A.**

Therapeutic Indications for Local Anti-Infectives

– Bacterial Infections of the Eye: **Bialasiewicz, A.A.**

– Recommendations for Isolation and Antiseptic Sanitation of Patients with MRSA Colonization or Infection: **Zastrow, K.-D.; Kramer, A.**

– Topical Antimycotic Drugs: **Behrens-Baumann, W.**

– Viral Ocular Infections: Topical Treatment and Prevention: **Pleyer, U.**

– Anti-Infectives against Amebic Keratitis:

Behrens-Baumann, W.; Kramer, A.

Supporting Measures for Infection Control

Preventive Measurements to Avoid the Transmission of Relevant Pathogens after Occurrence of Infection:

Puten, F.A.; Jatzwauck, L.; Kramer, A.

Hand Hygiene: **Kramer, A.; Exner, M.; Rotter, M.**

Contact Lens Hygiene: **Berke, A.; Cagnolati, W.**

Antimicrobial Efficacy of Contact Lens Care Products and Critical Comment to the ISO/FDIS 14729:

Kramer, A.; Rudolph, P.; Werner, H.-P.

Sampling and Transport of Specimens for Microbiological Diagnosis of Ocular Infections: **Sonntag, K.-G.**

Combines authoritative reviews with reports on new experimental findings

Developments in Ophthalmology

Series Editor

W. Behrens-Baumann

(Magdeburg)

This series consolidates the best features of 'Advances in Ophthalmology', 'Bibliotheca Ophthalmologica', and 'Modern Problems in Ophthalmology'. Like its predecessors, 'Developments in Ophthalmology' provides ophthalmologists, ophthalmic surgeons and practicing optometrists with expert summaries of international developments vital to progress in this field. Innovative procedures are presented with the appropriate technical information required to encourage rapid introduction into clinical practice. Produced with the same high standards that distinguished the previous series, volumes in 'Developments in Ophthalmology' are today recognized as essential references in the field of ophthalmology.

Vol. 32

Behrens-Baumann, W. (Magdeburg)

Mycosis of the Eye and Its Adnexa

with a contribution by R. Rüchel
XII + 202 p., 39 fig., 31 in color, 39 tab.,
hard cover, 1999

CHF 224.– / EUR 160.– / USD 195.00

ISBN 3-8055-6915-7

'The book is well set out with beautiful illustrations and useful tables of relevant publications for reference and will appeal to both ophthalmologists and ocular mycologists alike.'

ISHAM Mycoses Newsletter

Vol. 31

Uveitis Update

Editor: Ben Ezra, D. (Jerusalem)

VIII + 216 p., 43 fig., 2 in color, 18 tab.,
hard cover, 1999

CHF 224.– / EUR 160.– / USD 195.00

ISBN 3-8055-6891-6

Vol. 30

Immuno-Ophthalmology

Editors: Pleyer, U. (Berlin); Zierhut, M. (Tübingen);
Behrens-Baumann, W. (Magdeburg)

VIII + 252 p., 43 fig., 2 in color, 15 tab.,
hard cover, 1999

CHF 247.– / EUR 176.50 / USD 215.00

ISBN 3-8055-6863-0

'They (the editors) must be congratulated, on the accomplishment of a publication which will stand as a reference point in the field for a long time to come.'

Ocular Inflammation Today

Vol. 1-29 available, please ask for details

Prices subject to change

EUR price for Germany, USD price for USA only

www.karger.com/bookseries/deoph/deoph.htm

KARGER