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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
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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.

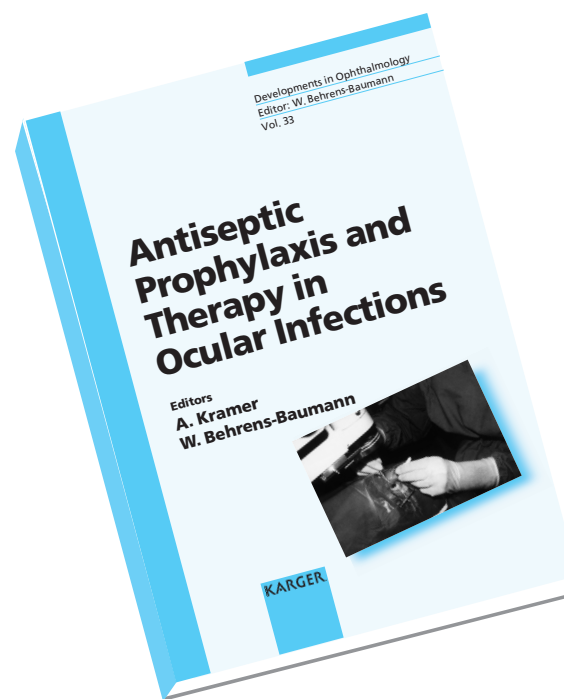
To ophthalmologists, optometrists and opticians this book will give indispensable information on latest clinical and experimental findings in the field. It will also be essential reading to hygienists, microbiologists, infectionists, pharmacologists, pharmacists, and pediatricians interested in ophthalmologic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

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

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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.**

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