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# Essential Microbiology FOR Dentistry

FIFTH EDITION



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# Essential Microbiology For Dentistry 2e Niapa

**Lakshman P. Samaranayake**



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**Essential Microbiology for Dentistry E-Book** Lakshman Samaranayake, 2011-09-02 The new edition of this highly successful book continues to offer readers everything they require to gain a full understanding of microbiology as it relates to modern dental practice. Clearly written and in full colour throughout the book uniquely divides the subject of microbiology into six discrete sections to relate the many aspects of microbiology for dental practice in a logical, easy-to-understand manner. The first part of the book covers the principles of general microbiology and is followed by a clear and straightforward account of basic immunology. The volume then addresses mechanisms of disease, concentrating clearly on the microorganisms that are relevant to the dentist. The major infections of each organ system are discussed as they relate to dental practice, together with a detailed exploration of oral microbiology. The book finally concludes with a practical discussion of cross-infection and control. The rich combination of easy-to-read text together with the extensive artwork programme continues to make *Essential Microbiology for Dentistry* the first choice of microbiology textbook for many students of dentistry worldwide. Comprehensive coverage of the subject area makes the book suitable for all aspects of the curriculum. Almost 300 tables and illustrations present clinical diagnostic and practical information in an easy-to-follow manner. Contains Key Facts boxes to act as useful aides-memoires. Self-assessment sections at the end of each chapter allow students to assess their understanding in key areas of knowledge. Addresses the subject on a strictly need-to-know-for-the-dentist approach. Only salient bacteria are included with thumbnail sketches of viruses and fungi. Contains a detailed and now expanded glossary and abbreviations list. Contains the latest organism nomenclature and information regarding unculturable bacteria and novel molecular technology. Includes a highly expanded section on oral biofilms and their relevance to systemic disease such as heart disease, diabetes, adverse pregnancy outcomes, and nosocomial pneumonia. Contains a brand new section on oral immunology prepared by guest authors as relevant to dentistry. Contains a new section on the microbiology of perimplantitis. Presents a fully revised and expanded section on infection control in dentistry encompassing British and American guidelines.

*Essential Microbiology for Dentistry* Lakshman P. Samaranayake, 2006-01-01 The new edition of a highly successful book, this text covers both general and oral microbiology, concentrating on areas of direct relevance to clinical dentistry. It offers information on systemic infections that patients may have, plus more specific information on oral infections that may cause caries or periodontal disease. In-depth coverage includes immunology, infection control, and a glossary of immunological and bacteriological terms. Comprehensive but concise coverage of general microbiology, immunology, microbes, and infections of relevance to dentistry, oral microbiology, and cross-infection and control. Careful integration of clinical dentistry throughout brings the subject alive for the dental student and facilitates the new problem-based learning curricula used in many dental schools. Covers both general and oral microbiology in one book. Key Fact boxes, tables, colour illustrations, and concise text make the book easy to use and learn from. Total update of the text. New question and answer sections for self-review at

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