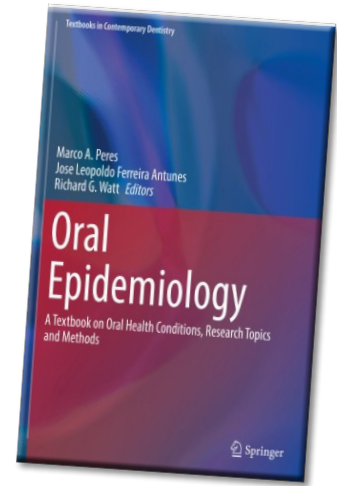


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Oral Epidemiology

A Textbook on Oral Health Conditions,
Research Topics and Methods

Editors: Marco A. Peres,
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Publisher: Springer Nature, Switzerland
Language: English
ISBN: 978-3-030-50122-8
Edition: 1/e
Publish Year: 2021
Pages: 536, Illustrated
Price: € 128,39



The book edited by Professors Marco A Peres, Jose Leopoldo Ferreira Antunes, and Richard G. Watt, together with 47 collaborators from 12 countries, entitled **Oral Epidemiology. A Textbook on Oral Health Conditions, Research Topics and Methods**, is a leading publication in the field of oral health epidemiology dedicated to the fight against oral diseases and inequalities related to oral health in different regions of the world. Based on the best scientific knowledge, the book argues for effective and affordable solutions to meet the oral health needs of populations.

The World Health Organization promotes a public health approach based on population-based preventive interventions and integrated patient-centered care. These strategies are in line with the United Nations' Sustainable Development Goals (SDGs), which have established Universal Health Coverage (UHC) as a key societal goal for improving health and well-being.

The book has three parts and covers 34 chapters.

The 15 chapters in the first part, *Oral Health Diseases and Disorders*, present the contribution of epidemiology to oral health research, global burden of oral conditions, dental caries, epidemiology of periodontal diseases, malocclusions, orofacial pain, epidemiological aspects in dental fluorosis, traumatic dental injuries, epidemiology of cleft lip and palate, enamel defects, oral cancer, dental erosion, tooth loss, halitosis and oral lesions in soft tissues.

The 15 chapters in the second part, *Hot Topics*, approach and debate, so as to inform the reader. The causal inference in oral health epidemiology, socio-economic inequalities in oral health, life course oral health epidemiology, sugar consumption and oral health, oral health-related quality of life, eco-social oral health epidemiology, use of primary care settings to collect epidemiological data, big data and machine learning, epigenetics in oral health, the relationship between periodontal diseases and chronic diseases, dental health services epidemiology, bioethics of epidemiological oral health studies, epidemiology, politics, and dental public health, water fluoridation and teaching oral epidemiology.

The 4 chapters in the last part, *Methods*, assess the measurement instruments used in oral epidemiology, the reproducibility and validity of diagnostic tests, quantitative bias analysis in dental research and systematic reviews and meta-analysis.

This comprehensive and high-quality book is a successful contribution of the authors to improving the scientific basis of oral health worldwide, helping to train a new generation of oral epidemiologists in the field of public dental health.

 [https://doi.org/10.25241/stomaeduj.2021.8\(4\).bookreview.4](https://doi.org/10.25241/stomaeduj.2021.8(4).bookreview.4)

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