

Summitt's Fundamentals of Operative Dentistry: A Contemporary Approach

Thomas J. Hilton, Jack L. Ferracane, James C. Broome (editors)

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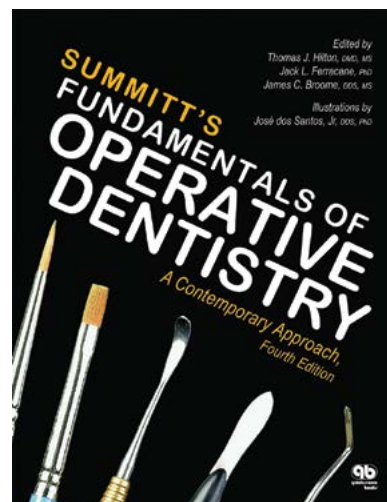
Operative Dentistry is the branch of dentistry concerned with restoration of parts of the teeth that are defective as a result of disease, trauma, or abnormal development to a state of normal function, health, and esthetics.

This book is a compilation of classic and modern diagnostic and treatment methods. This fourth edition was revised, new authors were added, and includes 21 chapters.

After a complete biologic consideration on tooth tissues, the authors present the treatment planning for the restoration of individual teeth made in compliance with the integrated stomatognathic apparatus.

Aesthetic consideration and color shade matching are key components in operative dentistry and are broadly presented in the next chapters. Further on, the book provides considerations on caries and pulp management. Systems for naming and numbering teeth, nomenclature of tooth surfaces and cavity preparation, instrumentation and field isolation are also important subjects approached. One separate chapter describes, illustrates and summarizes materials and methods used in adhesion to enamel and dentin.

Materials, tooth preparation, instruments, placement technique, finishing and polishing of direct anterior and posterior esthetic restoration are well described in two more chapters. Because amalgam and gold are the oldest restoration



materials, indications and contraindications as well as the principles and steps of tooth preparation are presented in individual chapters.

Management of root surface caries and restoration of endodontically treated teeth often present a challenge to the dentist but the authors have managed to explain these subjects in a manner that each practitioner will find useful. With respect to the aesthetic aspects, the book presents different topics that as tooth bleaching, porcelain veneers, anterior ceramic crowns, inlays and onlays.

After going through the book entitled Summitt's Fundamentals of Operative Dentistry, the reader will become acquainted with current and practical concepts of prevention and management of caries as a disease and of restoration of individual teeth. All the chapters incorporate colored illustrations (over 1,600) along with clinical cases pictures, charts and tables. Having this textbook in your personal library will provide you with a valuable resource for understanding the scientific basis for current treatment options in contemporary operative dentistry.

Florin Eugen Constantinescu

DDS, PhD Student
ROPOSTURO

Holistic Dental Medicine Institute
Bucharest, Romania

E-mail:

dr.florin.constantinescu@gmail.com

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