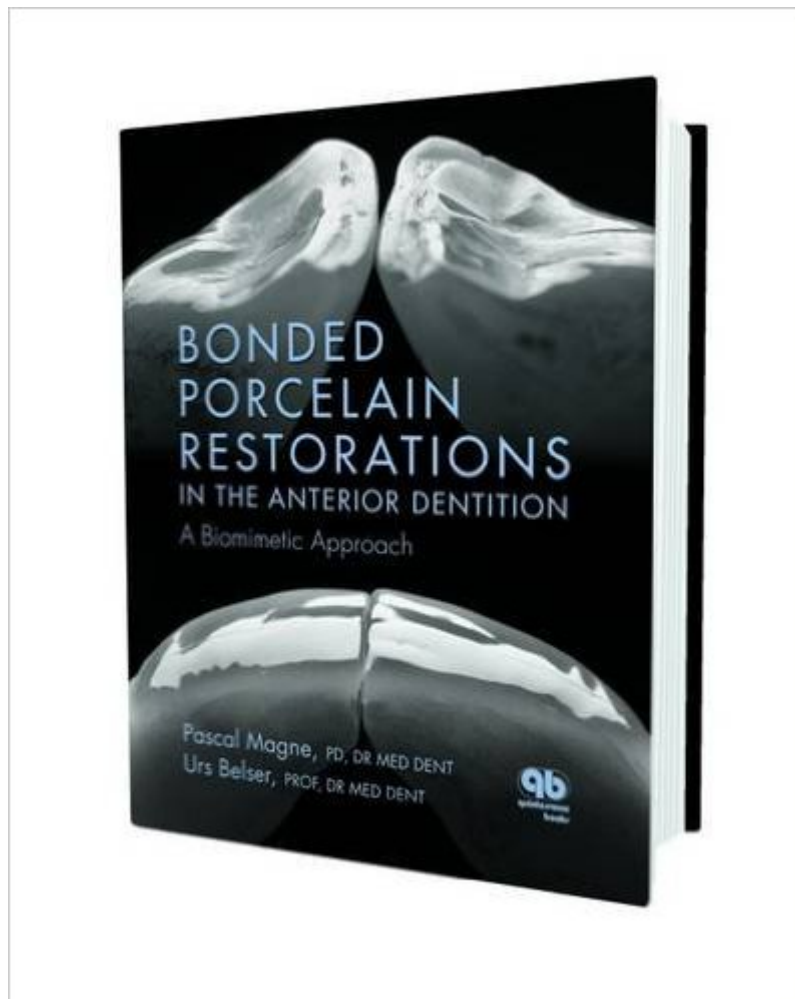


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# Bonded Porcelain Restorations In The Anterior Dentition: A Biomimetic Approach



## Synopsis

This book introduces a unique approach to esthetic restoration of the anterior dentition. Guided by the philosophy of biomimetics, the authors combine sound biologic principles with an overriding respect for the natural intact tooth to achieve esthetic satisfaction with bonded porcelain restorations. Unlike traditional veneers, the approach described here draws upon the ideal hues, the subtle shades, and especially the intracoronal anatomy of the intact tooth to serve as a guide to reconstruction and as a measurement of success. From this perspective, a checklist of fundamental esthetic criteria is presented, and treatment planning, diagnostics, tooth preparation, laboratory procedures, adhesive luting procedures, and maintenance protocols are carefully detailed. The reader will find all the information and step-by-step instruction needed to obtain the authors superior results, which are showcased throughout the book.

## Book Information

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## Customer Reviews

The author takes an revolutionary approach to restoring anterior teeth, a Biomimetic approach. The author goes back to basics and studies nature i.e. the form and function of natural teeth. He then studies how each tissue (dentine/enamel) behaves mechanically (when loaded) and where the forces and stresses concentrate. These findings then lay the foundation as to how teeth should be restored i.e. should they be restored so they are as strong as nature (mimic natures strength) or stronger. The author tends to favour the former approach, and goes about outlining materials and design principles that will achieve this result. He presents an extremely interesting method and commonsense approach to restoring teeth. By reading this book, it allows us to reflect upon the

potential disasters (vertical root fractures, decoronation) that may be caused by restoring teeth in the traditional way (crowns & posts) whereby making them stronger than nature.

This book is a must have if you enjoy doing bonded porcelain restorations and you want to see how a master does it. The lab work is unbelievable and the photography is excellent. It's like having an Ansel Adams book: you have to see how the best do it so that you have something to aspire to. The cost is pretty high, but so what. You will want to take notes when you read this. If you are really flush with cash, buy one for your lab tech.

Originally I borrowed this book from the university library, thinking that I could read it and return it. After spending several evenings reading and reviewing the concepts and diagrams in book, I decided to purchase it, deciding that it would make a wonderful addition to my dental library. I was a little bit worried about buying a book that was written over 7 years ago, but many of the concepts and techniques that Dr. Magne discusses still hold true. The book is divided into 9 chapters: Chapter 1 - Understanding the intact tooth and the biomimetic principle. Chapter 2 - Natural Oral Esthetics Chapter 3 - Ultraconservative Treatment Options Chapter 4 - Evolution of Indications for Anterior Bonded Porcelain Restorations Chapter 5 - Initial Treatment Planning and Diagnostic Approach Chapter 6 - Tooth Preparation, Impression and Provisionalization Chapter 7 - Laboratory Procedures Chapter 8 - Try-In and Adhesive Luting Procedures Chapter 9 - Maintenance and Repairs. The book stresses the biomimetic approach, which I think is more of the Swiss school of dentistry. (Making the teeth look realistic and polychromatic.) The photos in the book are well taken, something to aspire towards. The book is also part of the recommended readings from the American Association of Cosmetic Dentists (AACD). (It also comes in a laminated box, something I didn't expect, but is a nice to have.)

This is a fantastic book. You'll find there pretty much everything you might need about the topic. It has been very carefully thought through too. It is very easy to read, no rubbish, just the practical stuff. The book itself is a piece of art, beautifully printed and finished. Look no further!

I bought this book because I am interested in esthetic dentistry. The pictures are amazing and it's well written and easy to read. The fact that his ideas are backed by research makes it all the more worthwhile. I would consider using the book to show patients the photographs if they have a similar case. Just need to find a lab tech who can produce what Dr. Magne's tech does! Team this book

with Dawson's Functional Occlusion and you'll be doing long lasting beautiful dentistry.

Dr. Magne has created an excellent study of anterior porcelains restorations. The book itself is well put together with beautiful photographs and and current information.

A must read for all dentists. Should be mandatory in school. This book demonstrates the confluence of biology, chemistry and physics.

One of the best books on restorative dentistry.

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