

## OSTEOLOGY GUIDELINES FOR ORAL AND MAXILLOFACIAL REGENERATION – CLINICAL GUIDELINES

The second book published on behalf of the Osteology Foundation is a valuable reference for scientists and clinicians wishing to conduct clinical research in the field of dental tissue regeneration.

The editors, William V. Giannobile, Niklaus P. Lang and Maurizio S. Tonetti, recruited experienced clinicians to cover all key aspects of to conduct up-to-date clinical research.

This book provides tools for effective clinical research and provides protocols to plan and conduct high-impact, practice-oriented, clinical research.

### **What is the aim of the book?**

The aim of the Clinical Research Guidelines Book is to provides clinicians at the beginning of their career with high quality guidelines to conduct clinical research projects.

At the same time, the book is intended to serve as a valuable reference for all clinicians, who wish to build on the experience of people with a track record in the field of regenerative dental medicine.

### **Who is the target Group?**

The target group of the present book clinicians at the beginning of their career stating their first independent research activities (e.g. Osteology Grant applicants) and scientists and clinicians who wish to build on the experience of people with a track record in preclinical and translational research.

### **Which topics are covered in the book?**

The second book is divided in three parts:

- General aspects of clinical research  
The first part describes the different types of hierarchy of evidence as well as Regulatory, quality and ethical aspects in clinical research. Shows tips and tricks to development a research protocol, how the management of a clinical study works and elucidated the publication of a clinical study.
- Tools for preparation, conduction and analysis of a clinical study  
The authors describe important aspects of endpoint definition and measurement and discuss the topic of patient reported outcomes measures. Standardization and calibration as well as statistical analysis of clinical studies are discussed.  
A set of analytical methods is presented in detail, e.g. Histology and immunohistochemistry, clinical imaging, or volumetric measurements for clinical research.
- Specific clinical research protocols for indications in dental regeneration  
Here the authors describe research protocols that are based on published studies. Thereby they describe tips and tricks for the general set-up as well as clinical aspects. E.g. protocols on periodontal regeneration, horizontal ridge augmentation, osseointegration of implants, treatment of peri-implantitis or soft tissue augmentation are presented

**For more information and readings, visit the Osteology Foundation homepage -**  
<http://www.osteology.org/de/research-guidelines.html>

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