

Osteology Research Guidelines Book

1. General aspects of clinical research

1. Hierarchy of evidence - Ian Needleman
2. Regulatory and quality aspects in clinical research - Gudrun Denke
3. Ethical aspects in clinical research - Klaus Peter Rippe
4. Development of a research protocol - Mauricio Tonetti
5. Management of a clinical study - Jeanie Suvan
6. Publication of a clinical study (Consort Statement) - William Giannobile

2. Tools for preparation, conduction and analysis of a clinical study

7. Endpoints Fabio Vignoletti / Mariano Sanz
8. Patient-centered outcomes - Colman McGrath
9. Standardization and calibration - Mary-Ann Cugini / Hatice Hasturk
10. Statistical analysis - Jürg Husler
11. Analytical methods
 - a) Histology and Immunohistochemistry - Dieter Bosshard
 - b) Molecular Biology - Alpdogan Kantarci
 - c) Imaging - Erica Benvenides
 - d) Non-invasive measures for osseointegration - Klaus Lang
 - e) Volumetric measurements for clinical research - Goran Benic
 - f) Colour and aesthetic measurements - David Schneider

3. Specific clinical research protocols for indications in dental regeneration

- 12.1 Periodontal regeneration - Sandro Cortellini
- 12.2 Ridge Preservation - Darnell Kaigler
- 12.3 Horizontal ridge augmentation - Nikos Donos / Nikos Mardas
- 12.4 Vertical ridge augmentation –Isabella Rocchietta / D. Nisand / Massimo Simion
- 12.5 Sinus augmentation – Gustavo Awilla
- 12.6 Osseointegration of implants – Giovanni Salvi
- 12.7 Treatment of peri-implantitis – Lisa Heitz-Mayfield
- 12.8 Regeneration of keratinized gingiva – Anton Sculean
- 12.9 Recession coverage – Michael McGuire
- 12.10 Soft tissue augmentation – Daniel Thoma