



Edition: 2nd Revised Edition 2016  
Cover: 2 DVDs and a detailed booklet in  
hardcover; PAL/NTSC; 12 min  
ISBN: 978-1-85097-295-2  
Published: February 2016

#### KVM - Der Medizinverlag

📍 Ifenpfad 2-4  
12107 Berlin  
Germany

☎ +49 (0) 30 / 76180-5

📠 +49 (0) 30 / 76180-680

✉ info@quintessenz.de

🌐 <https://www.quintessence-publishing.com/kvm/de>

## Product information

**Authors:** Bernd Stadlinger / Hendrik Terheyden  
**Title:** Cell-to-Cell Communication: Osseointegration  
**Series:** Cell-to-Cell Communication

#### Short text:

This international award-winning 3D animation dramatizes the individual roles performed by each of the finely tuned cells, mediators, and transmitters involved in the complex biodynamic process known as osseointegration. Bringing science to life by making the invisible visible, the film chronicles the four phases triggered in succession when a titanium implant is placed where a tooth has been lost. The accompanying hardcover booklet includes an article outlining the scientific documentation for the processes depicted in the film, as well as the original film script and a quiz on the topics discussed in the film. Students, researchers, and clinicians of all disciplines will find this film and booklet at once instructive, insightful, and fascinating.

#### Contents

- Hemostasis
- Inflammatory Phase
- Proliferative Phase
- Remodeling Phase

#### Advisory Board

Prof. Dr. Lyndon F. Cooper DDS PhD • Prof. Dr. Christoph Hämmerle • Prof. Dr. Thomas Hoffmann • Dr. Myron Nevins DDS

#### Contributors

Dr. Susanne Bierbaum • Prof. Dr. N. P. Lang • Prof. Dr. Dr. Uwe Eckelt • Dr. Ute Hempel • Prof. Dr. Lorenz Hofbauer • Prof. Dr. Dieter Scharnweber

DVD 1: Expert Version (Length: 12 minutes)

DVD 2: Public Version (Length: 12 minutes)

**Categories:** Human Medicine, Implantology, General Dentistry