




Auflage: 1st Edition 2016  
Seiten: 40  
Abbildungen: 55  
Einband: 2 DVDs and a detailed booklet in a hardcover; NTSC/PAL  
ISBN: 978-1-85097-288-4  
Artikelnr.: C3009  
Erschienen: Januar 2016

#### Quintessence Publishing Company, Inc.

 411 North Raddant Road  
Batavia  
Illinois IL 60510  
Vereinigte Staaten von Amerika

 +1 (0)630 / 736-3600

 +1 (0)630 / 736-3633

 [contact@quintbook.com](mailto:contact@quintbook.com)

 <https://www.quintessence-publishing.com/usa/en>

## Produkt-Information

**Autoren:** Søren Jepsen / Mariano Sanz / Bernd Stadlinger / Hendrik Terheyden  
**Titel:** Cell-to-Cell Communication: Oral Health and General Health  
**Untertitel:** The Links Between Periodontitis, Atherosclerosis, and Diabetes  
**Reihe:** Cell-to-Cell Communication

#### Kurztext:

Can periodontitis or other inflammatory processes of the oral cavity contribute to systemic conditions such as atherosclerosis or diabetes, or negatively influence their course? This 3D animation *Oral Health and General Health* addresses these issues by visualizing the highly complex intercellular interactions and signaling pathways. Periodontal pathogens are invasive and can spread throughout the body via the bloodstream. Locally produced pro-inflammatory mediators can also shed into the circulation. This new film features an interdisciplinary topic, and in this context, special attention is given to diseases such as atherosclerosis and type 2 diabetes. This sophisticated HD video animation makes the relevant information and latest insights accessible to a wider audience.

#### Contents

- Dissemination of bacteria in periodontitis
- Impact of periodontitis on the cardiovascular system: Atherosclerosis
- Effect of periodontitis on glucose metabolism: Type 2 diabetes
- Dental treatment

#### Advisory Board

Prof. Dr. Iain Chapple • Prof. Dr. Robert Genco • Prof. Dr. Evanthia Lalla • Prof. Dr. Shinya Murakami

*DVD 1: Expert Version* (Length: 17 minutes)

*DVD 2: Public Version* (Length: 14 minutes)

**Fachgebiet(e):** Humanmedizin, Fachübergreifend, Parodontologie, Zahnheilkunde allgemein