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## Product information

**Authors:** Søren Jepsen / Mariano Sanz / Bernd Stadlinger / Hendrik Terheyden  
**Title:** Cell-to-Cell Communication: Oral Health and General Health  
**Subtitle:** The Links Between Periodontitis, Atherosclerosis, and Diabetes  
**Series:** Cell-to-Cell Communication

#### Short text:

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)

**Categories:** Human Medicine, Interdisciplinary, Periodontics, General Dentistry