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Produkt-Information

Autor(en): Stadlinger, Bernd / Terheyden, Hendrik
Titel: Cell-to-Cell Communication: Guided Bone
Regeneration
Reihe: Cell-to-Cell Communication

Kurztext:

The 3D animation Guided Bone Regeneration is the latest module of the Cell-to-Cell Communication series. To the extent that the details of the highly complex intercellular processes are amenable to presentation by computer animation, the present film, with its stunning didactical, dramaturgical, and visual appeal, successfully conveys the essentials of cell-to-cell communication, visualizing the invisible yet fascinating world of signals and signaling within the human body.

Outline

- The hemostatic phase of wound healing
- The inflammatory phase of wound healing
- The proliferative phase of wound healing
- The remodeling phase of wound healing

DVD 1: Expert Version (Length: 16 minutes)

DVD 2: Public Version (Length: 15 minutes)

In This Film

Main Cast:

Pericytes, Deproteinized bovine bone mineral (DBBM) particles, Thrombocytes, Granulocytes, Fibroblasts, Osteoblasts, Osteoclasts

Also Starring:

Platelet-derived growth factor (PDGF), Thromboxane, Transforming growth factor alpha (TGF- α), Transforming growth factor beta (TGF- β), Defensins, Hypoxia-inducible factor (HIF), Vascular endothelial growth factor (VEGF), Fibroblast growth factors (FGFs), Bone morphogenetic proteins (BMPs), Integrins

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Fachgebiet(e): Implantologie