

Title (en)

MEDICAL MEMBRANE FOR STIMULATING TISSUE FORMATION

Title (de)

MEDIZINISCHE MEMBRAN ZUR ANREGUNG DER GEWEBEBILDUNG

Title (fr)

MEMBRANE A USAGE MEDICAL POUR STIMULER LA FORMATION TISSULAIRE

Publication

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Application

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Abstract (en)

[origin: WO0076418A1] The invention relates to a dental pulp membrane for covering the opened and/or partially reset pulp in a deep dentine wound resulting from a trauma or a restorative measure in a sterile, tight manner. According to the invention, the membrane is biocompatible at least on the side facing away from the pulp. The composition, structure and surface texture of the membrane make it suitable for cell addition, cell integration and tissue formation, optionally also stimulated by growth factors and/or bacteriostatic or bactericidal active agents. The membrane is also self-bonding or bonding on the tooth hard substance surrounding the pulp opening in such a way as to create a tight seal and is impermeable to solid and liquid materials or cells on the side facing towards the pulp or at least provides enough insulation for the application of a sufficiently impermeable coating that bonds, preferably sets hard on the tooth hard substance. The membrane is preferably smaller than 100 m² and less than 3 mm thick and is premanufactured in different sizes in the form of a membrane pad and sterilely packed.

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IPC 8 full level

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