

Title (en)

VASO-OCCLUSIVE COLLAGEN COMPOSITION AND METHOD.

Title (de)

VASO-OKKLUSIVE KOLLAGENZUSAMMENSETZUNG UND METHODE.

Title (fr)

PROCEDE ET COMPOSITION DE COLLAGENE VASO-OCCLUSIFS.

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Application

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Abstract (en)

[origin: WO8700062A1] A method and composition of achieving persistent occlusion of blood vessels, for a period of at least about two weeks. The method includes (a) providing a vaso-occlusive material composed of a suspension of atelopeptide collagen fibers which are cross-linked under conditions which raise the melting temperature of the suspension at least about 10°C, and (b) introducing the material into the blood vessels to be occluded. Also disclosed are novel methods which employ vaso-occlusion for enhancing hyperthermia and drug treatments, particularly of solid-tumor tissue.

Abstract (fr)

Un procédé et une composition permettent d'obtenir l'occlusion persistante de vaisseaux sanguins pendant au moins deux semaines environ. Le procédé comprend (a) la formation d'un matériau vaso-occlusif composé d'une suspension de fibres de collagène atélopeptide réticulées dans des conditions qui élèvent la température de fusion de la suspension d'au moins 10°C environ, et (b) l'introduction du matériau dans les vaisseaux sanguins que l'on veut occlure. Des procédés novateurs utilisent la vaso-occlusion pour favoriser l'hyperthermie et des traitements médicamenteux, en particulier de tissus porteurs de tumeurs solides.

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