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(54) Title: MATERIALS AND METHODS FOR MINIMALLY-INVASIVE ADMINISTRATION OF A CELL-CONTAINING FLOWABLE COMPOSITION

(57) Abstract: The disclosed invention is based on the discovery that a cell-based therapy can be used to treat, ameliorate, manage and/or reduce the progression of clinical sequelae associated with vascular interventions or cardiovascular diseases, particularly occlusive thrombosis, restenosis, intimal hyperplasia, inflammation and vasodilation. The invention further benefits from the additional discovery that a heretofore undescribed implantable flowable composition is capable of sustaining a confluent population of sufficiently viable cells which can be effectively administered via a minimally-invasive surgical procedure without diminishing the clinical effectiveness or the viability of the cells. The disclosed invention can be used to treat vasculature as well as non-vascular tubular structures such as a fallopian tube.



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