

Title (en)
COMPOSITIONS AND METHODS OF ADMINISTERING RAPAMYCIN ANALOGS USING MEDICAL DEVICES FOR LONG-TERM EFFICACY

Title (de)
ZUSAMMENSETZUNGEN UND VERFAHREN ZUR VERABREICHUNG VON RAPAMYCIN-ANALOGA MIT MEDIZINPRODUKTEN FÜR LANGZEITWIRKUNG

Title (fr)
COMPOSITIONS ET PROCEDES POUR L'ADMINISTRATION D'ANALOGUES DE RAPAMYCINE AU MOYEN DE DISPOSITIFS MEDICAUX POUR UNE EFFICACITE DE LONGUE DUREE

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Abstract (en)
[origin: WO2007032777A2] Systems and compositions comprising zotarolimus that are safer, more effective and produce less inflammation than rapamycin and paclitaxel systems are disclosed. Medical devices comprising supporting structures capable of containing or supporting a pharmaceutically acceptable carrier or excipient, which carrier or excipient can contain one or more therapeutic agents or substances, with the carrier including a coating on the surface thereof, and the coating having the therapeutic compounds, including, for example, drugs. Supporting structures for the medical devices include coronary stents, peripheral stents, catheters, arterio-venous grafts, by-pass grafts, and drug delivery balloons used in the vasculature. These compositions and systems can be used in combination with other drugs, including anti-proliferative agents, anti-platelet agents, anti-inflammatory agents, anti-thrombotic agents, cytotoxic drugs, agents that inhibit cytokine or chemokine binding, cell differentiation inhibitors, anti-lipaedemic agents, matrix metalloproteinase inhibitors, cytostatic drugs, or combinations of these and other drugs.

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