

Title (en)  
COMPOSITIONS AND METHODS FOR THE PREVENTION AND TREATMENT OF ATHEROSCLEROSIS AND REPERFUSION INJURY WITH MAGNESIUM SALTS

Title (de)  
MITTEL UND VERFAHREN ZUR PRÄVENTION UND BEHANDLUNG DER ATHEROSKLEROSE UND REPERFUSIONSVERLETZUNGEN MITTELS MAGNESIUMSALZEN

Title (fr)  
COMPOSITIONS ET PROCEDES S'APPLIQUANT A LA PREVENTION ET AU TRAITEMENT DE L'ATHEROSCLEROSE ET DES LESIONS CONSECUTIVES A DES PERFUSIONS AU MOYEN DE SELS DE MAGNESIUM

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Application  
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Abstract (en)  
[origin: WO9725959A2] The present invention provides compositions and methods for the prevention or treatment of atherosclerosis and reperfusion injury. The method comprises administering to a patient having atherosclerosis an aqueous solution containing magnesium gluconate in an amount sufficient to inhibit oxygen free radical production and lipid peroxidation. In another embodiment the invention provides for the prevention of restenosis in patients undergoing bypass surgery or angioplasty. In a different embodiment, the present invention provides a method for prevention or treatment of ischemic reperfusion injury comprising the step of administering to a patient at risk of reperfusion injury a therapeutically effective amount of magnesium gluconate to inhibit oxygen free radical production. The aqueous solution of the invention comprises magnesium gluconate in an amount sufficient to inhibit oxygen free radical production in cardiac and endothelial tissues.

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