

Local delivery of thalidomide to inhibit neointima formation in rat model with artery injury

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Abstract

Objective To observe the effect of local administration of thalidomide on neointimal formation after balloon-induced carotid artery injury in rats.

Methods Forty-eight male Sprague-Dawley rats were randomly divided into 3 groups (n=16): Sham operation group (group A), alone operation group (group B) and Thalidomide group (group C). The carotid arteries of group B and group C were injured by a conventional percutaneous transluminal coronary angioplasty (PTCA) balloon catheter. Group C was treated by local delivery of thalidomide, and group B did not receive thalidomide. The arteries of group A

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