عنوان مقاله:

APPLICATION OF NANOTECHNOLOGY IN METALLIC STENTS FOR THE TREATMENT OF CARDIOVASULAR DISEASES

محل انتشار:

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خلاصه مقاله:

One of the words leading casess of death is coronary heart diseas CHD. Plaque reposition within the hearts arteries causes CHD and leads to pernicious complications including heart attack and stroke. Stenting are common treatments for blocked arteries. stents are tiny, expandable mehs tubes that hold arteres open. for bare metal stents, coronary in stent restenosis remains a remarkable resstriction to the long term nanotechnolgy gives a promsing landscape to overcome these impediments. drug eluting stents have emerged as one of the most nanmedicine. loaded with anti-inflammatory and anitproliferative agents in nano scale, these stents have the potential to reduce post-stent -implantation restenosis significantly . this article comprehensively summarizes the recent research that has been done on the role of nanocarriers and nanodrugs on the stents surface and the performance of these stents in .vicinty of the vessel tissue

کلمات کلیدی: