Nanocoatings for the Medical Industry

https://marketpublishers.com/r/ND59D175B59EN.html

Date: December 2010
Pages: 52
Price: US$ 635.00 (Single User License)
ID: ND59D175B59EN

Abstracts

Brief Summary

In medical facilities it is necessary to equips materials and surfaces with a high level of hygiene using antimicrobial agents to protect them against bacteria and other micro organisms to prevent infections caused by bacteria and contribute significantly to reduce health costs. Benefits of nanoscale coatings in this sector include long lasting antimicrobial effect, constant release of the active substance, effectiveness against bacteria and other micro-organisms, no chemical impurities, easy processing, no changes to the characteristics of the equipped material, and no later discolouration of the equipped material. Nanocoatings are already finding application in life sciences & healthcare in enabling anti-bacterial surfaces for medical catheters, added to paints and lacquers used to coat operating tables, door knobs and door handles in hospitals and as ultra-hard porous coatings for surgical and orthopedic implants like screws, plates or joint implants.

The medical market will be a high growth area for nanoscale coatings over the next 5-10 years, and this is reflected in the high number of companies exploiting technology in this area, especially in the anti-microbial domain. The main market driver in this area is the prevention of the spread of deadly infections in medical facilities. Drug-resistant bacteria, the so-called "superbugs," are a growing problem in hospitals worldwide and poor hygiene among staff is often blamed for the spread of such infections. They kill about 25,000 people a year in Europe and about 19,000 in the United States. The current market is estimated to around US$115million, rising to US$380million plus by 2015.

Report contents

Production methods and coating types

Market structures, market drivers and revenues
Company profiles

Contents

Tables & Figures

TABLES & FIGURES

I would like to order

Product name: Nanocoatings for the Medical Industry

Product link: https://marketpublishers.com/r/ND59D175B59EN.html

Price: US$ 635.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/ND59D175B59EN.html