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8.6 Development of conventional antimicrobial biomaterials

Sommario/riassunto

Despite advances in materials and sterilisation, patients who receive biomaterials of medical device implants are still at risk of developing an infection around the implantation site. This book reviews the fundamentals of biomaterials and medical device related infections and methods and materials for the treatment and prevention of infection. The first part of the book provides readers with an introduction to the topic including analyses of biofilms, diagnosis and treatment of infection, pathology and topography. The second part of the book discusses a range of established and novel technolo