

eBook Information

Applications of Polymers in Surgery

Eds. Inamuddin, Tariq Altalhi, Mohammad Luqman,
Hamida-Tun-Nisa Chisti

Monograph / PDF eBook DRM Free

There is much interest in polymers as biomaterials for medical applications. The aim is to develop polymers with tailor made mechanical properties that exhibit good durability and biodegradation properties.

Keyword: Biopolymer Materials, Surgery Devices, Diagnostics, Therapeutic Applications, Tissue Engineering, Neurosurgery, Ophthalmology, Guided Tissue Regeneration, Membranes for Dental Applications, Denture Lining Materials, Guided Bone Regeneration

ISBN 13: 978-1-64490-189-2, **Publication Date:** 2022 (5/15/2022)

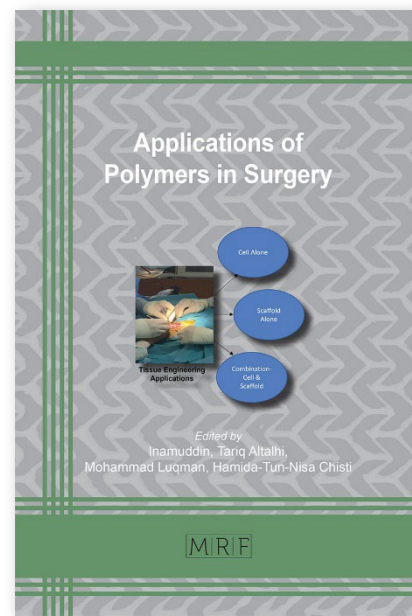
Direct URL: <https://www.mrforum.com/product/polymers-in-surgery>
224 pages, PDF eBook DRM Free, USD 95.00

Materials Research Foundations Vol. 123 / **BISAC:** TEC021000 / **BIC/Thema:** TGM

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Summary:

There is much interest in polymers as biomaterials for medical applications. The aim is to develop polymers with tailor made mechanical properties that exhibit good durability and biodegradation properties and can be easily sterilized without alteration in properties. These materials can be implanted in the body to provide a special prosthetic function. They can also be used in surgical, diagnostics and therapeutic applications.



Full Color Print Book Information

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