



Test Procedures for the Blood Compatibility of Biomaterials

By -

Springer, Netherlands, 2012. Paperback. Book Condition: New. 240 x 160 mm. Language: English . Brand New Book. This book represents the first European effort to provide a collection of test descriptions used in evaluation of the compatibility of biomaterials in contact with tissues and blood. The urge to compile this book arose from the fact that it is the properties of the material which ultimately seem to determine the functional outcome of a medical device, almost regardless of how ingenious the construction of the very device is. The longer the exposure is, the more important these basic properties become. Unfortunately only a small part of the interactive phenomena is fully elucidated and understood. This challenge reflects itself in an effort to cover numerous aspects of testing, beginning with fundamental analysis of the material, continuing with the mechanical properties, the resistance to degradation and the analysis of surface and chemical properties including adsorption patterns of proteins ending with test on cell cultures, ex vivo and in vivo. A number of the tests which are generally accepted as being important are already described as official requirements (primarily Pharmacopeas). These official requirements are not included in order to limit the size of the...



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Reviews

This written publication is wonderful. It really is loaded with knowledge and wisdom You will not really feel monotony at at any time of your time (that's what catalogues are for relating to if you ask me).

-- **Desmond Becker**

Absolutely essential go through publication. I am quite late in start reading this one, but better then never. You will not feel monotony at at any time of the time (that's what catalogues are for regarding if you ask me).

-- **Ambrose Thompson II**