

Medical devices and biomaterials for the developing world : case studies in Ghana and Nicaragua

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Abstrak

This book focuses on the adoption of medical technology in the developing world, and the role that can be played by new biomaterials. These authors urge that advanced technology be aligned with the needs of developing and emerging markets, and an alternative definition of technology be embraced. This “new technology” considers natural sources of materials and tools for treatment and is not restricted to the usual traditional computerized or electronic technology.

This book explores the difficulties that accompany successful transfer of technologies between disparate settings. The book then leaves the world of traditional technology and focuses on biomaterials, which represent an enormous opportunity for developing societies to become active participants in the development of new technologies. The book considers the cases of Ghana and Nicaragua as examples of the broader situation in West Africa and Central/South America.