

Success Rate of Medical Implants: Contemporary Research Findings

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Medical implants are the artificial tissues or organs that are surgically placed in the human body to cure certain medical conditions. development of artificial tissues that can fully resist the body defense response to the foreign objects [2]. This material was later used for coating different implants such as heart valves and prosthesis. This can be extended to several other types of implants for incorporation into the human body for achieving full metabolic or physiological functionality.

With increasing incidence of chronic degenerative diseases and several organs becoming dysfunctional or affected, the demand for functional medical implants is growing at a fast pace throughout world. The global medical implant market is estimated to increase substantially up to nearly two hundred billion dollars with annual compound growth rate of 8% by the year 2023 [3]. Globally, there is increase in the number of orthopedic patients and the patients with coronary heart diseases. The possibility of medical implants for the treatment of these diseases is driving the growth of medical implant industry. Increasing number of the dental cases is also prompting the

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