

NAME -P.R.SUSHMALATHA

ROLLNO.-1559

SYNOPSIS

TITLE: To study the current scenario of cardiovascular medical device industry in India

INTRODUCTION: Cardiovascular diseases are a major factor in the high rates of mortality worldwide, with the most common conditions being ischemic heart disease and stroke. Cardiovascular diseases are the leading cause of death worldwide, causing significant loss of health in India as well as rising costs of the healthcare systems. When it comes to India, the medical device industry—which includes the cardiovascular medical device sector—is crucial and essential. The market's growth indicates that this category will develop and expand soon. The cardiovascular medical device industry in India has distinct possibilities and challenges. The study aims to identify those opportunities, challenges and innovations to examine the future of the industry in India(1).

RESEARCH QUESTION: What are the key factors driving the growth and development of the cardiovascular medical device industry in India, and how are they influencing market dynamics?

OBJECTIVE :To analyze the current trends in the cardiovascular medical device industry in India, with a focus on market size, regulatory landscape, technological advancements, and key players.

MATERIAL AND METHODS:

STUDY DESIGN; This study is a descriptive exploratory study. It involves the study of various journals, research articles, published papers, government websites and data, news articles and other online sources to explore and assess about the parameters that can be identified as opportunities and challenges in the cardiovascular medical device industry.

DURATION :Duration of the study is of 3 months and the tools that will be used are secondary data and MS Excel.

DATA COLLECTION PROCEDURE: The secondary data that is obtained from thorough research will then be analyzed with each parameter to determine the impact of the growth.

ETHICAL CONSIDERATIONS:

Informed consent must be obtained from all the study participants. Appropriate measures should must be stated to ensure data security, privacy, and confidentiality

IMPLICATIONS OF RESEARCH:

- Improved healthcare outcomes.
- Market growth and innovation.
- Cost-effective solutions.
- Informed policy decisions.
- Economic growth and job creation.
- Enhanced quality of life for patients.
- Opportunities for global collaboration and advancement in cardiovascular care
- Innovation in cardiovascular care

REFERENCES:

1. Sreeniwas Kumar A, Sinha N. Cardiovascular disease in India: A 360 degree overview. Med J Armed Forces India. 2020 Jan;76(1):1–3.