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### Doctorate of Medicine [MD] Cardiology

A **Doctorate of Medicine in Cardiology** is the highest degree a physician can earn. In addition to medical school, physicians in this field can apply to become permanent lecturers or private teachers in their specialty. Applicants to this program should be highly qualified and have an undergraduate degree in cardiovascular technology (CVT). CVT bachelor's degree programs are highly competitive, and students should be aware of prerequisites before applying. While studying for the DM program, it's important to gain experience in an undergraduate role. Volunteering at a hospital, performing community service, or doing research work is beneficial. For applicants who have a passion for cardiology, the program can lead to employment in the field.

To become a cardiologist, you'll need to graduate from a reputable medical school. During your studies, you will combine laboratory exercises and clinical experiences. You'll also be working directly with patients in real healthcare settings. Upon completion of your program, you will be qualified to take the cardiology certification exam. Applicants must have completed an accredited medical school, residency, and pass the Internal Medicine Board Certification exam to be eligible to take the examination. The application process for a **doctorate in cardiology** typically includes a personal statement, curriculum vitae, and transcripts.

### Benefits of Doctorate of Medicine Cardiology

There are many benefits to earning a **Doctorate of Medicine in Cardiology**. This field focuses on cardiovascular diseases in adults. There is a separate [specialty in pediatrics](#). A career in cardiology entails a variety of research and

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study that aims to improve patient survival rates and quality of life. This field is on the cutting edge of medical research, and many graduates find themselves at the forefront of new treatments and technologies.

A career in cardiology can also be rewarding. A cardiology residency gives graduates the opportunity to see patients and their families firsthand and have an impact on their lives. There are many rewarding moments, including watching a parent's relief after learning that their child's heart is healthy. A **Doctorate in Cardiology** enables a physician to focus on the prevention and treatment of heart disease. These professionals can specialize in various fields and specialize in different aspects of the field. For example, there is sports cardiology, which involves the use of catheters to treat structural heart problems.

### Eligibility for Doctorate of Medicine Cardiology

Candidates wishing to pursue the course need to have attained the 10+2 qualification with Biology, Chemistry, and Physics as main subjects.

Additionally, such candidates need to appear for and qualify for the relevant competitive entrance exam and pursue an MCI- recognized [MBBS](#) ([Bachelor of Medicine and Bachelor of Surgery](#)) which is a 5 and a half year-long course and includes a 1-year long compulsory rotating internship.

### Future Scope of Doctorate of Medicine Cardiology

The scope of a **doctorate in cardiology** is wide and exciting. The field deals with disorders of the human heart. This is a multi-disciplinary field that offers a multitude of opportunities for those interested in the field. Many people choose to pursue their medical education to become a cardiologist. The PG courses and MD programs in the field help people gain a deeper understanding of the subject. Regardless of the subspecialty, the doctorate in cardiology is becoming increasingly important. Almost a third of all deaths in the world are due to cardiovascular diseases.

These diseases affect nearly one in three people and are responsible for eighty percent of all premature deaths in low- and middle-income countries. The future scope of a doctorate in cardiology is promising! With this new focus on preventive care, there is a clear need for more trained cardiologists in our society.

### Career Opportunities and Job Prospects of Doctorate of Medicine Cardiology

The career opportunities in the field of cardiology are vast and diverse. The field of cardiology focuses on the heart and circulatory systems. It is a highly rewarding field, but one that can be emotionally challenging as well. There are several reasons to study the field. Because cardiologists specialize in the heart and cardiovascular system, the job market is always in demand.

This is a lucrative field, and those who have a passion for the field may find a wide range of job opportunities within this sector. However, in order to find the most suitable career path, a doctor needs to consider the pros and cons of the career path before choosing a specialty.

### Course duration and fee details of Doctorate of Medicine Cardiology

The **Doctorate of Medical Sciences in Cardiology** is a postgraduate course that takes three years to complete.

The average fees for the completion of this program are between 50K to 2 Lakhs, or it may vary from college to college.



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 <b>Campus</b>	<b>University</b>	 <b>Delivery Mode</b>
Bhopal	All India Institute of Medical Sciences Bhopal	
 <b>Eligibility</b>	 <b>Duration</b>	 <b>Type of Course</b>
MS/MD	3 Years	Post Graduate

### Syllabus of Doctorate of Medicine [MD] Cardiology

#### Syllabus of MD Cardiology

S.No	Subjects
1	Fundamentals of Cardiovascular Disease
2	Molecular Biology and Genetics
3	Evaluation of the Patient
4	Heart Failure
5	Arrhythmias, Sudden Death, and Syncope
6	Preventive Cardiology
7	Atherosclerotic Cardiovascular Disease
8	Diseases of the Heart, Pericardium, and Pulmonary Vasculature Bed
9	Cardiovascular Disease in Special Populations
10	Cardiovascular Disease and Disorders of Other Organs

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University Type	Autonomous Institute
Recognized by	INI ,
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