

Impact of Applied Science in Cardiology

Katie Linden*

Southern Health and Social Care Trust, Craigavon Area Hospital, Craigavon, Northern Ireland, UK

*Correspondence to: Katie Linden, Southern Health and Social Care Trust, Craigavon Area Hospital, Craigavon, Northern Ireland, UK, Email Id: ian.menown@southerntrust.hscni.net

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EDITORIAL NOTE

Applied science is the method of applying scientific information to practical complications, and is used in arenas such as health care, early childhood education, engineering and information technology. Basic science, such as considerate how cells work, is research aimed at understanding essential problems. Applied sciences are significant as they assist science to be more appropriate in the real life. Without it countless scientific findings may be limited as human gen will rise but underutilized. Every discovery, medicine and even machines are a result of Applied Science. Applied science, such as the medical field, is the use of basic scientific knowledge to resolve applied problems. Applied science uses and applies facts acquired through basic science.

Cardiology is the study and cure of illnesses of the heart and the blood vessels. A person with heart illness or cardiac disease may be stated to a cardiologist. Cardiology is a division of internal medicine. A cardiologist is not the similar as a cardiology surgeon. In the treatments of the cardio diseases technology is also playing a major role by using the applied sciences. To detect the problem in the heart, a cardiac MRI can assistance analyze problems such as pericardial diseases (illnesses affecting the

outside liner of the heart), coronary artery diseases, congenital heart disease, cardiomyopathy, heart tumors, heart valve disease, and even deliver pictures of your pumping cycle. An electrocardiogram (ECG) is a therapeutic test that detects cardiac (heart) irregularities by measuring the electrical activity produced by the heart as it deals. The device that archives the patient's ECG is called an electrocardiograph.

The application of simple science for medical assistance is development of better avoidance, analysis, and cure of cardiac diseases medicine team. In the health care applied sciences are introduced to do better practices. It helps to find the internal problem which is not possible to diagnose by the doctor. Applied science in the cardiology treatment brings drastic changes in the medical field in adding, physicists and engineers work in examination labs, both in academe and industry, developing the new devices and data analysis methodologies for the next generation of treatment. It helps to study the functions of the heart and related parts to identify the better methods for the treatment of the patient by using the technology. The machines which are used in the cure of heart disease are functioned by the basics of sciences. In manufacturing of the medicine the new formulas and techniques are developed for the cardio treatment.