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Chennai, July 19: The Madras Medical Mission (MMM), a renowned multi-speciality hospital and MedGenome, a genomics based diagnostics and research company, have collaborated for research on cardiac diseases such as:Coronary Artery Diseases including myocardial Infarction (heart attack), Pulmonary arterial hypertension, Cardiomyopathies and sudden cardiac deaths/ arrhythmia.

Earlier in November last year MedGenome had collaborated with MMM to set up a state-of-the art genomic laboratory that will serve for all clinical and diagnostic research purposes at the hospital premises. In the second phase II, MMM & MedGenome are taking this association one notch up by undertaking research projects.

Speaking on the occasion, Dr.Colin Berry, Professor of Cardiology and Imaging from Glasgow University and Director of Research and Development in the Golden Jubilee National Hospital, expressed the need for international collaboration to find answer for the increasing threat of Cardiovascular Diseases in the young. Breakthrough in imaging technology and interventional cardiology practices have increased the quality of life and reduced mortality. "We look forward to work with Cardiologists from India to initiate and replicate some of the Cardiovascular research studies that are going on in UK", he added.

Dr.MullasariAjit S., Director- Cardiology, MMM said, "We are happy to associate with Glasgow University torealize our mission of providing world-class healthcare and engaging state-of-the-art technologies.We are at an advantage to have the most updated NGS technologies required for this research, in vicinity through MedGenome. Therefore we are keen to bring the best of the evidence based medicine through collaborative research for the benefit of masses here in India."

Speaking on the inauguration, Dr.Ramprasad, COO, MedGenome, said, "Cardio-Vascular Diseases (CVD) deaths in India accounts for 25% of the total, and in that Ischemic heart disease and stroke are the predominant causes responsible for more than 80% of CVD deaths. Addressing this significant burden requires an understanding of both the biological and social determinants, and the complex dynamics underlying their interaction including the genetic factors."

This centre has a complete infrastructure for sample collection and initial processing. The centre provides productive and efficient environment for interaction between MedGenome and MMM staff which has led to the onset of many projects in cardiovascular research.