



Vaso-Meditech Pvt Ltd launched National study to Assess Normal arterial stiffness Value for Indian Population.

Press Release: 21st -March-08: Vaso-Meditech Pvt Ltd (Exclusive Distributor and Clinical Support for SphygmoCor in India)

Vaso-Meditech Pvt Ltd an exclusive distributor for AtCor medical product in India launched a National study through its network across India to provide normal values for arterial stiffness and Central blood pressure for Indian population.

The study focus would be to determine the effect of ageing in arterial stiffness in healthy population across different age group. Determining the Normal changes in arteries as age progress will give us reference value to detect accelerated arterial ageing. Accelerated or pre mature arterial ageing is a major problem in Indian subcontinent which leads to increase mortality and morbidity, even though Indian have similar risk factors when compared to other ethnic group

This is important, given the higher rates of cardiovascular disease within Indian populations and high prevalence of diabetic. It is projected by 2025 India will have 69.9 Million diabetic patients which will be the highest in the world (diabetes Atlas, 3rd Edn, 2006).

Previous data suggest that Augmentation Index may be a more sensitive marker of arterial ageing in younger individuals, and aortic PWV more sensitive in those aged over 50 years. However, these findings are based on European population and, as yet; there are very limited data which describe normal values for arterial stiffness and central blood pressure in Indian Population.

The study is in collaboration between Cambridge University in UK and Peoples Group education and Hospitals in Bhopal. Vaso-Meditech Pvt Ltd in India and AtCor medical in Australia will maintain the quality control of the data. Leading university like Sri Ramachandra University in Chennai and Nizam institute of Medical sciences University in Hyderabad will participate in the National Study.

Dr.Thanikachalam MD., DM and Chief cardiologist in Ramachandra Medical College and University said "his Clinical research lab will provide training for Clinical researcher and physicians who will be involved in collecting data and interpretation of the results and this study will provide the Normal arterial stiffness and Central blood pressure reference value for Indian Population". We are also interested in comparing the Urban and Rural patients' arterial stiffness pattern which will give more insights in to the effect of risk factors in arterial ageing.

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