



भौतिक अनुसंधान प्रयोगशाला, अहमदाबाद

Physical Research Laboratory, Ahmedabad

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43_PRL Ka Amrut Vyakhyaan

Wednesday, 25 May 2022

@ 04:00 PM (IST)

**“Living Beyond 100 Years -
Myth or Truth?”**

Dr. Parthiv Mehta, MD FCCP

Senior Pulmonologist – Intensivist
U N Mehta Institute of Cardiology, Mehta Hospital &
Cardiopulmonary Care Centre,
Central United Hospital, Ahmedabad, Gujarat, INDIA.



<https://youtu.be/YE6MAokgQCE>



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Title: “Living Beyond 100 Years - Myth or Truth?”

Speaker: Dr. Parthiv Mehta

Senior Pulmonologist – Intensivist

**U N Mehta Institute of Cardiology, Mehta Hospital &
Cardiopulmonary Care Centre, Central United Hospital, Ahmedabad, Gujarat, INDIA.**

On Wednesday, 25 May 2022

Abstract

“I will be speaking on "Living Beyond 100 Years - Myth or Truth?" - an interesting topic for NON-MEDICAL attendees - wherein we shall connect with understanding of the human body - some amazing facts. Further we will take up the process of aging, factors affecting and ways to reduce that process. We shall also discuss the process of occurrence of disease and how best can we enhance recovery from it.”

The Speaker

Dr. Parthiv Mehta is M.D. in Chest Diseases from India, Fellow of the American College of Chest Physicians USA and trained at Netherlands and France in Interventional Pulmonology and Emergency Medicine. He is practicing as Pulmonologist – Intensive Care Specialist in Ahmedabad, Gujarat since 1995 with own establishment – Mehta Hospital. Dr. Mehta has established concept and standards of Pulmonology and Critical Care in Gujarat and Group Practice in this field. He is affiliated with reputed Public Sector Government Health Care establishment – U N Mehta Institute of Cardiology & Research Centre and Private sector hospitals in capacity of major contributor on decision making for development and up-gradation of facility, academic programme and training of staff. He is a trainer with Academy for Infection Management, Endoscopy Training Programme for Pulmonology, Environmental Medical Association of India and College of Physicians of India.

Dr. Mehta is a Medical Director of an NGO Mission Life India. He has Established Emergency Medical Services with official affiliation to Gujarat Police, Ahmedabad Municipal Corporation and Fire department. He has helped Gujarat State Disaster Management Authority to successfully conduct training of Emergency Medical Treatment and Rescue operations in Gujarat.

Dr. Mehta is a Medical Director of Central United Hospital (CUH); a Multi Super Specialty Hospital; establishing a novel concept for Health Care Delivery.

Dr. Mehta as an acclaimed Health Care Projects and Establishment Expert, helped to establish “Jogi Swami Holistic Health Care Centre” – for Swaminarayan Gurukul Vishva Vidya Pratisthanam, Ahmedabad – planned Green Field Health Care project spread over 70,000 sq. ft. which was completed in 18 months and inaugurated by Hon. Prime Minister Shri Narendra Modi in December 2017. Located in SGVP Campus at S.G. Highway, this project is the first in India to serve as unique blend of treatment options like Allopathy, Ayurveda, Naturopathy and Yoga and aspired be a Centre of excellence for life style diseases and chronic diseases. In 2019 completed “ICON Hospital” – a Super Specialty Hospital in Ahmedabad – spread over 15,000 sq. feet area – with most modern planning and facilities for Gastroenterology, Critical Care and allied branches – becoming a landmark in Western Ahmedabad for compact size and comfort.

Dr. Mehta is a Clinician, Educator and Researcher - having experience of over 30 years in Clinical Pulmonology along with Health Care Administration and 40 Clinical Research Projects as Principal Investigator in Phase II and III global studies in field of Pulmonology, In-



About PRL

The Physical Research Laboratory (PRL), known as the “cradle of space science” in India, is one



of the premier research institutes founded in 1947 by Prof. Vikram Sarabhai, a renowned Cosmic Ray Scientist, a great visionary and institution builder. PRL played a seminal role in producing a highly motivated cadre of space scientists and the technologists of highest international repute. The first scientific rocket launched from Thumba on 21st November-1963 and many other rockets launched thereafter contained payloads developed at PRL. Dr. Sarabhai initiated many of these scientific and technical activities at PRL which eventually led to the formation of the Indian Space Research Organization (ISRO). Therefore, PRL is known as the “cradle of space science” in India. Further, the research in the area

of Plasma Physics expanded to the formation of the Institute of Plasma Research (IPR).

As an institution PRL is unique in that it conducts fundamental research in a wide range of research areas from the Earth to the cosmos, and comprising Astronomy and Astrophysics; Solar Physics; Space and Atmospheric Sciences; Theoretical Physics; Geosciences; Atomic, Molecular and Optical Physics, Astrochemistry; and Planetary Sciences and Space Exploration. PRL is one of the rare research institutes of international repute wherein research in such diverse fields of sciences is carried out using several state-of-the-art experimental facilities that exist under one umbrella.

Along with the ongoing research, several new initiatives have been taken up during the last few years. The Multi-Application Solar Telescope (MAST) at Udaipur Solar Observatory has been operationalized. PRL initiated scientific programmes in frontier areas of research, which include a search for exo-planets, laboratory studies of interstellar grains, laboratory synthesis of cold astro-molecules and experimental studies in the field of quantum optics. PRL is also developing several scientific payloads as a part of ISRO’s larger vision and contributing to roadmap for competitive scientific exploration of the solar system and beyond. In particular, PRL has been contributing significantly not only in building instruments for space missions, such as Chandrayaan-1, Chandrayaan-2, AstroSat and upcoming Aditya-L1, Chandrayaan-3 and planetary and space missions, but also by bringing out new and insightful science results.

PRL contributes to several national and international research programmes and to human resource development through its Doctoral and Post-Doctoral Programmes, capacity building programmes, such as UN Course on Space Science, and science and engineering internship programmes. PRL contributes significantly to society through its Outreach Programmes by periodically organizing science exhibitions and Open Houses, planned visits of students of various school and college to PRL, and popular talks at various institutions to not only share the excitements of the advancements of contemporary scientific findings but also to encourage students to take up sciences as their research career.

