

Padma Laureate

Dr. MAYIL VAHANAN NATARAJAN M.S.Orth
M.Ch. Orth. (L'pool) Ph.D.(Orth Onco) D.Sc. F.R.C.S D.Sc. (Hon)³
Orthopaedic Surgeon

SHORT CURRICULUM VITAE

PREVIOUS POSITION

Former Vice Chancellor : **The Tamil Nadu**
(7th VC 2009-12) **Dr.MGR Medical University**

Former Director : **Institute of Orthopaedics & Traumatology**
(1st Dir. 2009) **Govt. General Hospital &**
Madras Medical College

CURRENT POSITION

Chief Orthopaedic Surgeon : **M.N.Orthopaedic Hospital,**
Kilpauk, Chennai

Senior Consultant : **Apollo Specialty Hospital, Teynampet.**
Apollo First Med Hospital, Kilpauk.

Visiting Consultant : **Cancer Institute, Adyar**

PIONEERING WORK

He is the **pioneer of Orthopaedic Oncology** who introduced the **concept of Limb Salvage Surgery in Bone Tumours by Custom Mega Prosthesis** as early as 1988. He established Orthopaedic Oncology as a sub-speciality in Orthopaedic Surgery in India, by his personal series of over **2200 surgeries of Custom Mega Prosthesis** in a period of 30 years (1988 - 2018). This is the **highest** number by a **single surgeon** in the **whole world**.

INVENTIONS

He has invented the **Custom Mega Prosthesis** for different anatomical sites in the body. **8 Prosthesis** have been Patented and **15 Prosthetic Designs** have been Registered in the **Official Gazette of the Controller General of Patents, Designs and Trademarks, Government of India**.

ACADEMIC HONOURS

He has been awarded the **Ph.D**(2000) and **D.Sc.**(2004) by The Tamilnadu Dr. M.G.R. Medical University. He has been decorated with the **D.Sc. (Hon. Causa)** by the **Medical University**(2001) in due recognition of his contribution to Bone Tumour Patients. **Honorary Doctorate of Science** (D.Sc.) has also been conferred by the **Madras University** (2007).

POSITIONS HELD IN ACADEMIC BODIES

He was the **Millennium President** of **Tamil Nadu Orthopaedic Association** (1999- 2000). He was the **first Indian** to be elected as **President** of Asia Pacific Musculoskeletal Tumour Society (2000- 2002). The Orthopaedic Surgeons of the country elected him as the **Millennium President** of the **Indian Orthopaedic Association** (2005- 2006). He was the **President** of International Trauma Anesthesia and Critical Care Society - Indian Chapter, (**ITACCS**) (2005 – 2007).

PUBLICATIONS & PRESENTATIONS

He has authored **9 Books** and **Edited 11 Chapters** in Textbooks. He has published **20 papers** in peer reviewed **International Journals** and **26 papers** in **National Journals**. He has delivered **213 Guest Lectures** in International, National and State Conferences. He has been the recipient of **15 International & National Fellowships** and has given **29 Orations** in various Conferences.

BONE BANK

He has been instrumental in starting the Bone Bank at the **Govt. General Hospital, Chennai**. **Cadaveric Bones** is being processed and made available as Allografts for the poor and needy patients attending the Public Hospitals in Chennai.

DISASTER MANAGEMENT PROJECT

He submitted the project on “**Disaster Management Health Care Perspective**” to the Government of Tamil Nadu (2006) and Ministry of Health, Government of India (2006). This pilot project outlines **Hospital protocol** for the **Management of Major**

Disasters and Mass Causalities. This will be a model to be followed in all hospitals in India.

INTERNATIONAL RECOGNITION

- **British Orthopaedic Association Wishbone Trust Award** - for excellence in Orthopaedic Oncology (1998)
- **International Cancer Technology Award(1999)** - International Union against Cancer (UICC).
- **Japanese Orthopaedic Association Appreciation Award(2004)** in acknowledgement of achievement in the Surgical Treatment of Bone Sarcomas in India.
- **Korean Orthopaedic Association Appreciation Award(2006)** for excellence in Orthopaedic Oncology 50th Annual Congress.

NATIONAL RECOGNITION

- **Padma Shri Award(2007)** by the **Government of India** for Meritorious Services rendered to the Bone Cancer patients.
- **Dr. B. C. Roy National Award(2004)** by the **Medical Council of India** in recognition of his contribution to society by Custom Mega Prosthesis in Bone Tumours.
- **National Award for the Welfare of Disabled(2005)** by the **Government of India** in recognition of cost effective technological innovation of Custom Mega Prosthesis in Bone Tumours.
- **Lemelson Recognition and Mentoring Programme (L-Ramp) Innovation Award(2005)** by the **The Lemelson Foundation, USA & Indian Institute of Technology, Chennai** in recognition of his innovation of Custom Mega Prosthesis.

STATE RECOGNITION

- **Honorary Doctorate of Science (D.Sc.)** by the **Tamil Nadu Dr. M.G.R. Medical University** (2007).
- **Honorary Doctorate of Science (D.Sc.)** by Madras **University** (2009).
- **Best Doctor Award(2004)** by the **Government of Tamil Nadu** for services to the Disabled.
- **Tamil Nadu Scientists Award(1998)** for Excellence in Medical Sciences, by the **State Council for Science and Technology**, Government of Tamil Nadu.
- **Honorary Doctorate of Science (D.Sc.)** by **Sathyabama University** (2007).