

## **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)<sup>3</sup>  
**Orthopaedic Surgeon**

### **SHORT CURRICULUM VITAE**

#### **PREVIOUS POSITION**

**Former Vice Chancellor : The Tamilnadu**  
**(7<sup>th</sup> VC 2009-12) Dr.MGR Medical University**

**Former Director : Institute of Orthopaedics & Traumatology**  
**(1<sup>st</sup> Dir. 2009/12) Govt. General Hospital &**  
**Madras Medical College**

#### **CURRENT POSITION**

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

**Senior Consultant : Cancer Institute, Adyar**  
**Apollo Specialities Hospital, Teynampet.**

#### **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 **2000 surgeries of Custom Mega Prosthesis** in a period of 26 years. 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** in 2000 and **D.Sc.** in 2004 by The Tamil Nadu Dr. M.G.R. Medical University. He has been decorated with the **D.Sc. (Hon. Causa)** by the **Medical University** 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 **201 Guest Lectures** in International, National and State Conferences. He has been the recipient of **15 International & National Fellowships** and has given **23 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 Casualties**. 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** - International Union *against* Cancer (UICC) (1999).
- **Japanese Orthopaedic Association Appreciation Award** in acknowledgement of achievement in the Surgical Treatment of Bone Sarcomas in India (2004).
- **Korean Orthopaedic Association Appreciation Award** for excellence in Orthopaedic Oncology 50<sup>th</sup> Annual Congress (Oct. 2006)

### NATIONAL RECOGNITION

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

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