

## **Resume**



Dr. Madhu Sairam.R

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DOB : 26.09.1983

Present position: Consultant Radiation oncologist, Kovai Medical Center and hospital, Coimbatore since August, 2012

### **Summary of Educational qualifications:**

M.D in RADIOTHERAPY , Barnard Institute of Radiology & Oncology, Madras Medical College, University Gold medalist, 2011

Trained in performing state-of-the-art techniques in Radiotherapy – stereotactic radiosurgery, gated radiotherapy etc

MB.,BS Coimbatore Medical College, Coimbatore. Completed in March, 2007

### **Papers and awards:**

1. BEST PAPER AWARD – PADAM SINGH AWARD, 2010 (Assessment of Depression among Cancer Patients – Role of Cancer Type and Treatment )
2. YOUNG RADIATION ONCOLOGIST AWARD – AROI TN & Py Chapter for presentation on Breast radiotherapy advances - 2013
3. BRONZE MEDAL IN ORAL PRESENTATION – International Conference on multidisciplinary management of breast cancer 'Initial experience with respiratory gated radiotherapy (4D RT) in the treatment of patients with left sided breast cancer' , Kochi

### **Scientific papers and publications :**

1. JCRT, MARCH 2013 ABSTRACT 'Linac IG-SRS using Volumetric Modulated Arc Therapy (VMAT) and Cone-Beam Computerized Tomography (CBCT) verification for intracranial Arteriovenous Malformations (AVM) : Initial experience'
2. International Journal of Nuclear Medicine Research, 2015, 2, 10-11 Incidentally detected Situs Inversus Totalis in FDG PET/CT in a Case of Gastro-esophageal Junction Carcinoma: A Case Report
3. World Journal of Nuclear Medicine/Vol 14/Issue 2/May 2015 Utility of 99mTc Hynic - TOC in 131I Whole Body Scan Negative Serum Thyroglobulin Levels
4. European Breast Cancer congress EBCC-10, 2016, Amsterdam

"Initial experience with respiratory gated radiotherapy using deep inspiration breath hold technique for left-sided breast cancer"

5. European society of radiotherapy and oncology ESTRO - 35, 2016 , Turin Italy

Comparison of outcomes and toxicities between IMRT and SIB-IMRT in cancers of hypopharynx

6. Rangarajan B, Shet T, Wadasadawala T, Nair NS, Sairam R M, Hingmire SS, Bajpai J. Breast cancer: An overview of published Indian data. South Asian J Cancer 2016;5:86-92

7. Dr. V.V.Gomathi Chandramohan, Dr. S. Karthikeyan, Dr. R. Madhu Sairam. Knowledge Discovery from Tumor Volume using Adaptive Neuro Fuzzy Inference System (ANFIS) Rules, Applied Intelligence and Informatics 2021

8. Shinto AS, Mallia MB, Kameswaran M, Kamaleshwaran KK, Joseph J, Radhakrishnan ER, et al. Clinical utility of <sup>188</sup>Rhenium-hydroxyethylidene-1,1-diphosphonate as a bone pain palliative in multiple malignancies. World J Nucl Med 2018;17:228-35

**Author in texts:**

Lung Cancer, 2013 TMH Publication. authored chapter on Pathology of lung cancers.

**Audits :**

Audit on Stereotactic radio surgery for arteriovenous Malformations - 2011-2017.

**Fields of interest:**

Neuro-oncology, GI oncology, Breast Oncology, Palliative care

**Organisational abilities :**

1. Founder-secretary : Coimbatore Oncological Society (CONCOS)
2. Organising secretary : AROI TN-Py State level Conference 2014
3. Chair Scientific committee : ICON Coimbatore, 2015
4. Organising secretary : Brachytherapy workshop on cervical and breast cancers: February 24, 2018
5. Organising secretary, YROC 2020, National meet for radiation oncologists.

Current research:

Principal investigator : Hospital based cancer registry, NCDIR. ( Under ICMR)