

DR. M. ASPIN NIVYA

DOCTOR

■ Thuckalay, Kanyakumari District, 629175 Tamil Nadu ■ +91 9944430789/ +91 9500993734 ■ nivyaaspin950@gmail.com ■

PROFESSIONAL SUMMARY

I am a Radiation Oncologist with comprehensive experience in CT simulation, contouring (CT, MRI, PET-CT based), treatment plan evaluation and delivery of advanced radiotherapy techniques including 3DCRT, IMRT, IGRT and VMAT techniques and execution across multiple platforms (Varian - Eclipse, Somavision). Clinical exposure to management of head & neck, CNS, thoracic, gastrointestinal, gynecological malignancies, bone tumors and palliative oncology cases. I am enthusiastic about multidisciplinary collaboration and advancing patient-centered oncology care.

EXPERIENCE

JUNIOR RESIDENT 01/2020 to 01/2021

Samuel Hospital, Monday Market, Kanyakumari

- Provided primary care and emergency services.
- Managed inpatients, outpatients and minor procedures.

EDUCATION

MD Radiation Oncology: The Tamil Nadu Dr. M.G.R. Medical University, 12/2025

Sree Mookambika Institute of Medical Sciences - Kulasekaram

- Trained in LINAC machines (Varian) and HDR brachytherapy with independent expertise in application, planning, and delivery.
- Experienced in managing 40+ patients daily across varied oncologic diagnoses, with skills in contouring, treatment planning, QA, and patient follow-up.
- Skilled in handling oncologic emergencies such as SVC syndrome, spinal cord compression, and tumor bleeding, with proficiency in ICU and palliative care management.
- Knowledgeable in chemotherapy, immunotherapy, and targeted therapy, including dosing, delivery, and management of post-treatment complications.
- Performed multiple minor procedures including ascitic and pleural tapping, bone marrow aspiration, and Ryles tube insertion.
- Regularly consults and manages 50+ OPD patients; trained in inpatient and day-care oncology care with strong communication abilities.
- Actively participates in multidisciplinary tumor boards, outreach programs, and oncology awareness initiatives in both urban and rural settings.

MBBS: Bharat University, 01/2021

Sree Lakshmi Narayana Institute of Medical Sciences - Pondicherry

PROFESSIONAL AFFILIATIONS

Association of Radiation Oncologists of India (AROI), Life Member

MEDICAL REGISTRATION

Tamil Nadu Medical Council (TNMC), 150521

RESEARCH AND PUBLICATIONS

- Response and outcome of Neo-adjuvant chemo-Radiation in locally advanced carcinoma Rectum, In progress
- Evaluation of Pathological Response of Neo-Adjuvant Chemotherapy in Locally Advanced Oral Cavity Malignancy, Published

CONFERENCE PRESENTATIONS

- Response and outcome of Neo-adjuvant chemoradiation in locally advanced carcinoma Rectum, CAN KERALA AROICON 2025- AROI KERALA CHAPTER, Munnar, 01/01/25.
- Atypical Presentation of Axillary Swelling Turned as Histiocytic Sarcoma-A rare case report, 44th Annual conference of AROICON 2024, conducted by Kasturba Medical College-Mangalore, 12/01/24.
- Atypical Presentation of Recurrent Extradural Inflammatory Myofibroblastic tumor in Cervical Spine-2024, International conference on Multidisciplinary Management of Common Cancer, Kochi, 03/01/24.

TEACHING EXPERIENCE

- Journal club presentation.
- Seminars and case presentations.
- Assisted in bedside teaching and clinical case discussions for MBBS undergraduates and rotating interns in Oncology postings.
- Guided junior residents in contouring basics, plan evaluation, and brachytherapy procedures.

SKILLS

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| Varian ARIA | Medical record-keeping |
| Staff collaboration | Ethical practice |
| Therapeutic interventions | Clinical decision making |
| Emergency management | Physical examination |

TRAINING

- 7th IWPR workshop on Management of breast cancer, RCC Trivandrum, 2024.
- Target volume Delineation and treatment planning in Radiation Oncology, Kochi, 2024.

AREAS OF CLINICAL INTEREST

- Head & Neck Oncology
- Upper GI Oncology
- Thoracic Oncology
- Neuro-Oncology
- Gynecologic Oncology
- Colorectal Oncology
- Palliative Care