

Dr.Satish Srinivas. K

MD(RT)

Professor & Head

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Research Focus :

Radio Genomics and Radiation resistance, Radiation biomarkers as a prognostic tool, Targeted therapy in Head and Neck cancer

HIGHER TRAINING:

- 1) OBSERVERSHIP IN STEREOTACTIC RT AT APOLLO HOSPITALS CHENNAI IN 2007.
- 2) OBSERVORSHIP IN CYBERKNIFE IN APOLLO HOSPITALS CHENNAI IN 2012
- 3) ATTENDED VARIAN USER SUMMIT MEETING AT BERLIN GERMANY ON RAPID ARC IN OCT 2011
- 4) TRAINING IN IGRT, RAPID ARC AND GATED RADIOTHERAPY IN MADAM CURIE CANCER CENTER POLAND IN 2013.
- 5) TRAINING IN CYBERKNIFE AND PROSTATE SEED IMPLANT BRACHYTHERAPY AT CBCC CANCER CENTER BAKERSFIELD, CALIFORNIA IN SEPTEMBER 2014.

RESPONSIBILITIES :

- 1) Founder Head of the Dept of Radiotherapy (from Aug 2005 to June 2008) at SVIMS and Head (I /c) of the Dept of Medical Oncology at SVIMS from 2007 to 2008).
- 2) Drafted a project proposal for the first Oncology centre in Rayalaseema Region and received a financial grant for 3 crores from the Union Ministry of Health and Family welfare for the Radiotherapy Dept of SVIM Sat Tirupati. In 2008.
- 3) Also received a grant of Rs 3 crores from the TTD for equipment purchase for the same department in 2007.
- 4) Member of Technical Committee for Radiotherapy equipment purchase under PMSSY scheme under Ministry of Health and Family Welfare under Govt of India in 2007.
- 5) Served as Senior Consultant (initially as Assistant Professor and subsequently as Associate Professor in the Dept of Radiation Oncology at Cancer Institute Adyar. Chennai from 2008 to 2012. Involved in PG training and research.
- 6) Board of studies member for Dept of RT at SVIMS University
- 7) External expert for radiotherapy equipment selection, faculty selection committee as well as External examiner for DMRT course at SVIMS university.
- 7) Life Member of AROI national and state chapters.
- 8) Currently Founder Head and Professor , Dept of Radiation Oncology at SRMC. Helped to establish a state of the art RT centre at SRMC which started clinical treatment from Jan 2017.The Dept is equipped with VERSA HD linac fitted with the 160 leaf MLC Agility and USG image guidance system Clarity which is the first of its kind in South India.
- 8) Member of University development committee, Medical Centre Development committee, Quality committee , Biomedical waste management committee of SRIHERS.
- 9) Phd -Co – Guide at Sri Ramachandra University Chennai.
- 10) Started BSc (Hons) RTT course in Sri Ramachandra University Chennai with AERB approval.

11) Commencing MDRT PG program at SRMC from April 2020. MCI approval obtained.

PUBLICATIONS :

PAPERS PUBLISHED - 18

PRIMARY AUTHOR / SECOND AUTHOR - 8

- 1) The prognostic role of maximum standardized uptake value of 18 F-fluorodeoxy glucose positron emission tomography-computed tomography in head and neck cancer patients undergoing Chemo radiotherapy. J int Soc Prev Community Dent. Vols. 1 to 9; 2011 to 2019. (Pub Med indexed)
- 2) Therapeutic Benefit Of Placentrex in Acute Chemo Radiation induced Mucositis in Oral Cancer . Published Nov 2018. (Pub Med indexed)
- 3) Nimotuzumab with Intensity modulated radiation therapy (IMRT) in unresectable and platinum ineligible locally advanced head & neck cancer patients. Accepted for publication in SAJC in Nov 2017. (Pub Med indexed)
- 4) Therapeutic Benefit of Concurrent Radiation With Single Agent Nimotuzumab in Locally Advanced and Recurrent HNSCC: A Retrospective Analysis. International Journal of Radiation Oncology • Biology • Physics, Vol. 90, Issue 1, S561. Published in issue: September 01 2014. (Conference Proceedings of ASTRO 2014) Primary author. (Pub Med Indexed. Impact Factor – 4.176.
- 5) Complete clinical response to neoadjuvant chemoradiation in rectal cancers: can surgery be avoided? Hepatogastroenterology. 2013 May;60(123):410-4. Second Author. (Pubmed Indexed. Impact Factor 1)
- 6) Non Hodgkins Lymphoma of Base of Tongue – JIAOMR - Year : 2011 | Volume : 23 | Issue : 4 Page : 627-629. (Secondary Author) (Indexed with Index Copernicus.) 7) HOA in nasopharyngeal carcinoma. A rare differential diagnosis . International Journal of Head and Neck Surgery Sep – Dec. 2010. ;1 (3):171-173. (Primary Author) (indexed with Index Copernicus, Proquest and EBSCO).
- 8) Role of template guided implants in breast conservation therapy. Journal of Cancer Research and Therapeutics – June 2005 . Vol 1 issue 2. Pubmed indexed. Imp factor (0.8) (Primary Author)

CO – AUTHOR – 10

- 1) Validated RP-HPLC Method for Quantification of Paclitaxel in Human Plasma – eliminates Negative Influence of Cremophor El. Int J Cur Res Rev | Vol 10 • Issue 13 • July 2018
- 2) Molecular Markers For Capecitabine Therapy: A Review. IJPSR (2016), Vol. 7, Issue 11 3) A Pharmacogenetic Study Of Capecitabin. Oxaliplatin Therapy In Colorectal Cancer Patients Among South Indian Population. European Journal Of Pharmaceutical And Medical Research-2016,3(9), 520-528
- 4) Tumor targeting using poly amidoamine dendrimer- cisplatin nanoparticles functionalized with diglycolamic acid and herceptin. Eur J Pharm Biopharm. Aug 2015 . (co- author) . Pubmed indexed impact factor – 3.85.
- 5) Impact of Patient Counseling on Medication Adherence, Beliefs and Satisfaction about Oral Chemotherapies in Patients with Metastatic Cancer at a Super Specialty Hospital. International Journal of Cancer Research 11 (3): 128-135, 2015. (indexed in SCIMAGO and SCOPUS)

- 6) Double pathology – Malignant epithelial ovarian tumor and germ cell tumor (choriocarcinoma)-a rare co-existence. Accepted for publication in World Journal of Surgical Oncology (Oct – Nov 2014).
- 7) A Fatal Case Of Mesenchymal Chondrosarcoma Of The Mandible. Journal Of Cancer Research And Therapeutics – June 2011vol 7 Issue 2. 192-194. (Pub med indexed with impactFactor of 0.8)
- 8) CancrumOris Associated With Acute Myeloid Leukemia : A Forgotten Disease. InternationalJournal Of Head And Neck Surgery Sep - Dec 2010;1(3):167-169. (Indexed With IndexCopernicus, Proquest And EBSCO).
- 9) Esophageal metastasis from thyroid carcinoma International Journal Of Head And Neck Surgery May -August 2010;1(2):129-131. (indexed with Index Copernicus, Proquest and EBSCO)
- 10) Leiomyosarcoma Of The Vulva . Indian Journal Of Pathology And Microbiology – Vol 51 –2008. Issue -3. (indexed with Index Copernicus, SCIMAGO and Medline. Impact factor – 0.5)

INVITED LECTURES AND CONFERENCE FACULTY :

- 1) DELIVERED A GUEST LECTURE AT SRMC, CHENNAI ON CURRENT TRENDS IN ORAL CANCER MANAGEMENT . - IN AUG 2010.
- 2) DELIVERED A LECTURE ON CURRENT ROLE OF RADIOTHERAPY IN CANCER PROSTATE MANAGEMENT AT THE URO GENITAL CANCER SYMPOSIUM HELD AT CANCER INSTIUTE IN DEC 2010.
- 3) DELIVERED A LECTURE ON CURRENT ROLE OF RADIOTHERAPY IN CANCER LUNG MANAGEMENT AT THE LUNG CANCER CME HELD AT CANCER INSTIUTE IN AUG 2011.
- 4) DELIVERED A GUEST LECTURE ON A RADIATION ONCOLOGISTS PERSPECTIVE OF ORAL CANCER MANAGEMENT HELD AT CANCER INSTIUTE IN SEP 2011.
- 5) DELIVERED AN ORATION ON NEWER FRONTIERS IN ORAL CANCER TREATMENT IN THE 25 TH INTERNATIONAL CONFERENCE OF DENTAL RESEARCH HELD AT CHENNAI IN OCT 2012.
- 6) PARTICIPATED IN A DEBATE ON THE ROLE OF PRE OP RT IN RECTAL CANCERS IN THE INTERNATIONAL RECTAL CANCER UPDATE HELD AT CANCER INSTITUTE IN FEB 2012.
- 7) DELIVERED A GUEST LESCTURE ON NEW FRONTIERS IN RADIOTHERAPY OF ORAL MALIGNANCIES IN THE 25 TH INTERNATIONAL ISDR CONFERENCE HELD AT CHENNAI IN OCTOBER 2012.
- 8) DELIVERED A GUEST LECTURE ON GUIDELINES ON MANAGEMENT OF STS (BEST OF ESMO) AT THE 2 ND CONFERENCE ON CLINICAL PRACTISE GUIDELINES IN ONCOLOGY AND HIGHLIGHTS FROM ESMO HELD AT CHENNAI IN DEC 2012.
- 9) DELIVERED A GUEST LECTURE ON MYTHS OF CANCER TREATMENT AT THE COLLEGE OF NURSING AT SRMC IN FEB 2013.
- 10) DELIVERED A GUEST LECTURE ON NEW TRENDS IN CANCER CERVIX MANAGEMENT AT CITY ONCO GYNEC MEET IN JUNE 2013.
- 11) DELIVERED A GUEST LECTURE ON CANCER AWARENESS AT VELTECH UNIVERSITY IN FEB 2014.

- 12) DELIVERED A GUEST LECTURE IN PATHOLOGY SYMPOSIUM ON MOLECULAR ONCOLOGY OF BREAST CANCERS IN APRIL 2014.
- 13) PANELIST IN AROI MEET ON HEAD AND NECK CANCERS IN VELLORE IN JUNE 2014
- 14) DELIVERED A GUEST LECTURE ON ROLE OF NURSING, IN RADIOTHERAPY IN CNE ON ONCOLOGY NURSING, AT SRU IN JULY 2014.
- 15) DELIVERED A GUEST LECTURE ON ROLE OF MODERN DAY RT FOR PEDIATRIC MALIGNANCIES AT 1 ST GYNCECO PAEDIATRIC MALIGNANCIES CONFERENCE AT KANYAKUMARI IN OCTOBER 2014.
- 16) DELIVERED A GUEST LECTURE AT CPG MEET IN DEC 2014 AT CHENNAI
- 17) PANELIST AT CME ON ENDOMETRIAL MALIGNANCIES AT SIMS CHENNAI ON 8-03-15.
- 18) GUEST LECTURE ON EXPERT EXCHANGE PROGRAMME AT INDORE IN JULY 2015.
- 19) PARTICIPATED IN DEBATE ON LARYNGEAL CANCER HANOCON AUG 2015
- 20) INVITED EXPERT AND FACULTY AT REAL WORLD CASES WITH BIOMAB INTERNATIONAL SUMMIT NIMUTUZUMAB IN PRACTISE BENTOTA , SRILANKA. SEP 2015
- 21) ROLE OF RT IN WILMS TUMOR PG SYMPOSIUM ON WILMS TUMOR SRMC CHENNAI SEP 2015
- 22) DELIVERED A GUEST LECTURE ON RT IN BREAST CANCER AT GVN CANCER HOSPITAL IN TRICHY IN OCT 2015.
- 23) DELIVERED A GUEST LECTURE ON BREAST BRACHYTHERAPY IN CME ON BREAST CANCER AT THRISSUR IN FEB 2016.
- 24) PANELIST ON ROLE OF MONOCLONAL ANTIBODIES IN HEAD AND NECK CANCER AT ASIAN ONCOLOGY SUMMIT MEET IN DELHI IN APRIL 2016.
- 25) CHAIRPERSON FOR SESSION ON CNS TUMORS IN AROI STATE CONFERENCE HELD AT CHENNAI IN NOV 2016.
- 26) PANELIST IN HEAD AND NECK CANCER SESSION AT NATIONAL AROI MEET IN BUBANESHWAR IN NOV 2016.
- 27) GUEST LECTURE ON TRENDS IN ORAL CANCER MANAGEMENT IN ANNUAL POST GRADUATE RAPID REVIEW PROGRAMME CONDUCTED BY DEPT OF ORAL MEDICINE AND RADIOLOGY AT SRMC ON 19TH JAN 2017.
- 28) CHAIR PERSON IN SESSION ON DYNAMIC RADIOSURGERY IN ELEKTA INDIA RADIATION ONCOLOGY & NEURO SUMMIT' MEET HELD AT DELHI ON 25-02-17.
- 29) INVITED SPEAKER IN SCOPE 17 CONFERENCE ON CAUSE TO CURE OF ORAL CANCER HELD AT SATHYABHAMA DENTAL COLLEGE IN 4-05-17
- 30) INVITED SPEAKER IN CME ON TARGETED THERAPIES IN HEAD AND NECK CANCER AT RCC, KANCHIPURAM ON 21-09-17.
- 31) DR. SATISH SRINIVAS WAS THE CHIEF GUEST AT THE INAUGURATION FUNCTION OF THE CME PROGRAMME ON IMMUNO – ONCOLOGY COLLEGE TRULY A PAN APPROACH TO CANCER CURE CONDUCTED BY SRM DENTAL COLLEGE ON 25TH OCT 2017.
- 32) PANELIST AT CPG MEET AT CHENNAI IN DEC 2017
- 33) GUEST LECTURE ON TRENDS IN ORAL CANCER MANAGEMENT IN ANNUAL POST GRADUATE RAPID REVIEW PROGRAMME CONDUCTED BY DEPT OF ORAL MEDICINE AND RADIOLOGY AT SRMC ON 19TH JAN 2018.
- 34) PANELIST AT SYMPOSIUM ON GENOMICS IN MEDICINE. IN SRIHERS , CHENNAI ON 31-1-18

- 35) GUEST LECTURE ON CANCER AWARENESS AT PATRICIAN COLLEGE CHENNAI IN FEB 2018
- 36) GUEST LECTURE ON HEAD AND NECK CANCER DIAGNOSTICS IN ONCO QUEST 2018 CONFERENCE AT RAJAS DENTAL COLLEGE WADAKANGULAM IN SEP 2018
- 37) PANELIST AT STATE AROI MEET IN OCT 2018.
- 38) PANELIST AT IASO MEET IN CHENNAI IN DEC 2018.
- 39) GUEST LECTURE ON ORAL CANCER MANAGEMENT IN ANNUAL POST GRADUATE RAPID REVIEW PROGRAM ME CONDUCTED BY DEPT OF ORAL MEDICINE AND RADIOLOGY AT SRMC IN JAN 2019.
- 40) INVITED SPEAKER AT CANREHAB MEET IN CHENNAI IN MAY 2019
- 41) PANELIST AT STATE AROI MEET IN THEKKADY IN SEP 2019
- 42) PANELIST AT FHNO MEET IN CHENNAI IN OCT 2019
- 43) PANELIST AT IMMAX MEET IN CHENNAI IN OCT 2019

POSSTER PRESENTED :

- 1) BENEFIT OF NIMOTUZUMAB COMBINED WITH RT IN LOCALLY ADVANCED AND RECURRENT HEAD AND NECK CANCERS AT 56 TH ASTRO CONFERENCE AT SAN FRANCISCO USA IN SEPTEMBER 2014.
- 2) NIMOTUZUMAB WITH INTENSITY MODULATED RADIATION THERAPY (IMRT) IN UNRESECTABLE AND PLATINUM INELIGIBLE LOCALLY ADVANCED HEAD & NECK CANCER PATIENTS AT ESMO ASIA SINGAPORE IN NOV 2017.
- 3) CASE REPORT OF SJ SYNDROME AND TEN IN BREAST CANCER PATIENT WITH BRAIN METS POST PALLIATIVE WHOLE BRAIN RT

PAPERS PRESENTED :

- 1) ROLE OF PLACENTREX IN RADIATION INDUCED ORAL MUCOSITIS. COAUTHOR PRESENTED AT CONFERENCE OF INDIAN ACADEMY OF ORAL MEDICINE AND RADIOLOGY AT NARAYANA DENTAL COLLEGE AT NELLORE IN 2008 (ACCEPTED FOR POSTER PRESENTATION AT THE SECOND WORLD CONGRESS OF ORAL ONCOLOGY AT TORONTO CANADA 2009.
- 2) CHEMORADIATION IN CARCINOMA ESOPHAGUS AT STATE AROI CONFERENCE – OCT 2009. (CO – AUTHOR).

RESEARCH ROJECTS :

- 1) CO -GUIDE FOR 4 PHD PROJECTS – DEGREE AWARDED TO 2 CANDIDATES
- 2) UNIVERSITY GATE PROJECTS – 2 .
- 3) CO GUIDE FOR ICMR RESEARCH PROJECT – 1
- 4) CO GUIDE FOR SUMMER RESEARCH PROJECT – 1
- 5) RAC MEMBER – 2 PROJECTS

RESEARCH PROJECTS:

- 1) ROLE OF COLLAGEN DRESSING IN RADIATION DERMATITIS IN BREAST CANCER PATIENTS.

- 2) ROLE OF SWALLOWING EXERCISES IN RELIEVING TREATMENT INDUCED DYSPHAGIA IN CHEMO RADIATION OF HEAD AND NECK CANCER PATIENTS.
- 3) ROLE OF CURCUMIN IN POTENTIATING THERAPEUTIC EFFECT OF TAXOL BASED CHEMOTHERAPY.
- 4) PHARMACOGENETIC STUDY ON ORAL CAPECITABINE IN COLO RECTAL CANCER PATIENTS. (WITH ICMR FUNDING)
- 5) PALLIATIVE BENEFIT OF ELECTROCHEMOTHERAPY WITH BLEOMYCIN IN CUTANEOUS RECURRENCES IN HEAD AND NECK AND BREAST CANCER PATIENTS
- 6) RADIATION BIOMARKERS IN CA PROSTATE (A PILOT STUDY)
- 7) ONCOLOGY DRUG TRIALS INVOLVED AS SUB INVESTIGATOR – 3

MISCELLANEOUS :

- 1) MEMBER IN 49 TH NATIONAL TEACHERS TRAINING WORKSHOP CONDUCTED AT RCC JIPMER IN 2004.
- 2) BOARD OF STUDIES MEMBER FOR RADIOTHERAPY SYLLABUS FORMULATION AT SVIMS UNIVERSITY TIRUPATI. IN JAN 2013.
- 3) MEMBER OF EXTERNAL EXPERT TECHNICAL COMMITTEE FOR EQUIPMENT PURCHASE AT SVIMS TIRUPATI IN JAN 2013.
- 4) MEMBER AND TECHNICAL EXPERT FOR FACULTY SELECTION COMMITTEE FOR SVIMS UNIVERSITY FOR RADIOTHERAPY. (2013 AND 2014)
- 5) EXTERNAL EXPERT FOR FACULTY SELECTION COMMITTEE FOR JIPMER UNIVERSITY FOR RADIOTHERAPY. (2018)
- 6) EXTERNAL EXPERT FOR FACULTY SELECTION COMMITTEE FOR TELENGANA PUBLIC SERVICE COMMISSION FOR RADIOTHERAPY (2019).
- 7) EXTERNAL EXAMINER FOR BSc RTT COURSE AT SVIMS UNIVERSITY.