

GOPI SOLAIAPPAN, Ph.D., DABR

Office address

cCare,
Department of Radiation Oncology,
1791 E Fir Ave,
Fresno, CA 93720
Phone: 559-240-2808
Email: gopi@ccare.com

Education

- Ph.D.** June 2009 Anna University, Chennai, Tamil Nadu, India.
- M.S.** June 1992 Anna University, Chennai, Tamil Nadu, India.
- B.S.** April 1990 Madurai Kamaraj University, Madurai, Tamil Nadu, India.

Certifications

ABR –Therapeutic Radiological Physics - 2011

Listed in California State approve listed Physicists by California Department of Public Health - June 2008

M.R.S.O., Medical Radiological Safety Officer certification by Atomic Energy Regulatory Board (AERB), Bhabha Atomic Research Centre (BARC), Mumbai, India - July 1992

Fellowship

2004: “Fellow International Union against Cancer (FUICC)” award under International Cancer Technical Transfer (ICRETT) program by International Union against Cancer (UICC), Australia.

Professional and Academic experience

- 2008- Present Medical Physicist and RSO
Department of Radiation Oncology, CCare, Fresno, CA.
- 2011-Present Adjunct Asst. Professor
Department of Physics, Fresno State University, Fresno, CA.

2010-Present	Reviewer, UICC- ICRET Fellowship.
2005-2008	Medical Physicist Atlas Medical Physics Group, Department of Radiation Oncology, Robert Lewis Cancer Center, Pomona Valley Hospital Medical Center, Pomona, CA.
1993-2005	Chief Medical Physicist and RSO Bibi General Hospital and Cancer Center, Hyderabad, Andhra Pradesh, India.
2000-2005	Consultant Medical Physicist Department of Radiation Oncology, L.V. Prasad Eye Institute, Hyderabad, India.
1992-1993	Medical Physicist Christian Cancer Center, Kakinada, Andhra Pradesh, India.

Professional Membership

American Association of Physicists in Medicine (AAPM), USA
 American Society for Radiation Oncology (ASTRO), USA
 Association of Medical Physicist of India (AMPI), India
 Association of Radiation Oncologists of India (AROI), India
 Association of Radiation Protection, India
 College of Medical Physics of India (CMPI), India
 FCMCPI- Founder Member, College of Medical Physics of India

Publications

List Publications

- **Gopi Solaiappan**, Ganesan Singaravelu, Aruna Prakasarao, Sanjay S. Supe. (2008), 'Comparison of beam data requirements for MLC commissioning on a TPS', Pol.J.Med.Phys and Eng., Vol;14(2):63-77.
- **Gopi Solaiappan**, Ganesan Singaravelu, Aruna Prakasarao, Bouchaib Rabbani, Sanjay Supe. (2008), 'Influence of photon beam energy on imrt plan quality for radiotherapy of prostate cancer', Rep.Prac.Oncol.Radiother., Vol14(1):18-31
- **S. Gopi**, S. Ganesan, B.K. Padmanaban, N. Senthil Kumar, "Calibration of High Dose Rate Ir-192 Radioactive Source loaded in refurbished HDR Remote after loader". Journal of Medical Physics, 2005. India

- **S. Gopi**, S. Ganesan, B.K. Padmanaban, N. Senthil Kumar, “Experience in Installation and Commissioning of Refurbished Micro Selectron HDR after loading brachytherapy Unit”. Journal of Medical Physics, 2005. India
- **S. Gopi**, S. Ganesan, B.K. Padmanaban, “Dosimetry Comparison and Concept of LDR-ILRT with Syed-Puthawala Applicator and Ir-192 seed sources”. Journal of Medical Physics, 2005. India
- **S. Gopi**, S. Ganesan, B.K. Padmanaban. “Comparison of dosimetric methods in Interstitial Implants using Ir-192 seed sources”. Journal of Medical Physics, 2005. India
- **S. Gopi**, S. Ganesan, B.K. Padmanaban., “Surface mould brachytherapy for superficial tumors with Ir-192 seed sources – An experience”. Journal of Medical Physics, 2005. India
- **S. Gopi**, S. Ganesan, A.M. Nisar Syed, Anil Kumar Sharma, Hema Vaithianathan, K.M. Ganesh, Sanjay S. Supe, B.K. Padmanaban “An Experience with Intra-Coronary Radiation Therapy Using Ir-192 Seed Radioactive Source and Syed Monorail BrachyCatheter” - Bulletin of the Kidwai Memorial Institute of Oncology, Bangalore, India. Volume 8, No.1, January-June 2005.
- **S. Gopi**, S. Ganesan, Anirban Kuldeep, Hema Vaithianathan, K.M. Ganesh, Sanjay S. Supe, B.K. Padmanaban, Santhosh G. Honavar, Vijay Anand P. Reddy, “Physical Aspects of Ru-106 Plaque Brachytherapy for the Treatment of Ocular Tumors” Page No.33 (12). - Bulletin of the Kidwai Memorial Institute of Oncology, Bangalore, India. Volume 8, No.1, January-June 2005.
- **S.Gopi**, N. Janardhanan, “Absorbed Dose Measurement of High Energy Photon Beams in Refurbished Teletherapy Machines” CME on An Update in Medical Physics” March 11, 2000 at Department of Medical Physics, Apollo Cancer Hospital, Hyderabad, India.
- **S.Gopi**, N. Janardhanan, “Dose Volume Optimization of Syed-Nebblett Templates using Iridium-192 Wires” CME on An Update in Medical Physics” March 11, 2000 at Department of Medical Physics, Apollo Cancer Hospital, Hyderabad, India.
- **S.Gopi**, N. Janardhanan “Commissioning and Quality Assurance of First Refurbished Medical Linear Accelerator in India” Published in Journal of Medical Physics, Page No.142, 48(P).-1999

- **S.Gopi**, N. Janardhanan “Manual After Loading Brachytherapy using High Active Iridium-192 seeds for carcinoma of Eyelid” in Journal of Medical Physics, Page No. 151, 48 (P)-1999

List of Publications as co-author

- Devan K., Sureka C.S., Bharanidharan G., Manigandan D., **Gopi S.**, Subbaiah K.V., Velmurugan J., Ganesan S. and Aruna P. (2003), ‘User-friendly software to estimate dose rate for Cesium-137 manual loading intracavitary brachytherapy applications’, Ind. J. Med. Phys., Vol.28, pp.140.
- Devan K., Manigandan D., Bharanidharan G., **Gopi. S.**, Subbaiah K.V., Aruna P. and Ganesan S. (2006), ‘Monte Carlo aided dosimetry of Cesium-137 intracavitary brachytherapy source’, Ind. J. Med. Phys., Vol.31, pp.132.
- Devan K., Manigandan D., Bharanidharan G., **Gopi. S.**, Subbaiah K.V., Aruna P. and Ganesan S.(2006), ‘Interface to MCNP input coding for brachytherapy applications’, EWG Workshop on MCPT, October 23 to 25, Gent, Belgium.
- Devan K., Manigandan D., Bharanidharan G., **Gopi. S.**, Subbaiah K.V., Aruna P. and Ganesan S.(2006), ‘Dosimetry of manual loading (cs-137) intracavitary brachytherapy applications: Comparison between conventional and Monte Carlo method’, EWG Workshop on MCPT, October 23 to 25, Gent, Belgium.
- Devan K., Manigandan D., Bharanidharan G., **Gopi. S.**, SubbaiahK.V., Aruna P. and Ganesan S. (2006), ‘Monte Carlo aided dosimetry of Cesium-137 intracavitary brachytherapy source’, International Conference on Medical Physics, 27th Annual Conference of Association of Medical Physicist of India (AMPI), November 9 to 12, Hemalatha Hospitals and Research Centre, Bhubaneswar, India
- Devan K., Sureka C.S., Bharanidharan G., Manigandan D., **Gopi S.**, Subbaiah K.V., Velmurugan J., Ganesan S. and Aruna P. (2003), ‘User-friendly software to estimate dose rate for Cesium-137 manual loading intracavitary brachytherapy applications’, 24th Annual Conference on Medical Physics and Radiation Safety (AMPICON), November 7 to 9, Patna, Bihar, India.
- Vijay Anand P. Reddy, **Gopi.S.**, An experience with the L.D.R Intraluminal Brachy therapy following concurrent Chemo-Radiotherapy in Non-Metastatic Carcinoma of Esophagus in The International congress of Radiation Oncology ICRO-97, June 5-7,1997 Beijing, China.

- Pratap Reddy T, **Gopi.S.**, Experience with combined External Radiation and Intraluminal Brachytherapy in Ca. Esophagus. AROI Annual National Conference, 1999.
- K.M. Ganesh, **Gopi.S.**., Comparison of Paris and PP in Ca-Esophagus using Syed-Hedger Applicator with Ir-192 seeds- Symposium in Medical Physics- Bangalore-1998.
- Rajanderan M, **Gopi.S.** ., Correlation of conventional simulation X-ray Films and CT images for HDR Brachytherapy Catheters Reconstruction.- AMPI Conference –Jaipur-2002.
- Rajanderan M, **Gopi.S.** ., Commissioning of Theratron Phoenix Telecobalt Machine and its performance Assessment.-AMPI Conference- Jaipur-2002.