

ARVIND B. SONI, MD

Board Certified Radiation Oncologist

(630) 710-1577

absoni@tampabay.rr.com

EDUCATION:

University of Medicine and Dentistry of New Jersey, Robert Wood Johnson
Medical School, Piscataway, NJ
Medicinae Doctor, May 1994

Rutgers University, Rutgers College of Engineering, New Brunswick, NJ
Bachelors of Science, Electrical Engineering, emphasis in Biomedical Engineering;
cum laude, May 1990

POST GRADUATE TRAINING:

7/97-6/98 Chief Resident at Strong Memorial Hospital in Radiation Oncology, Rochester, NY
Responsible for residents. Covered multiple services, coordinating schedules
and special procedures. Responsible for organizing conferences and guest
speakers.

7/95-6/98 Resident at Strong Memorial Hospital in Radiation Oncology, Rochester, NY
Primary Emphasis: General Radiation Oncology
Additional Training: Pediatric Oncology, High Dose Rate Vaginal Cylinders, High
Dose Rate Endobronchial Radiotherapy, Total Body Irradiation, Prostate
Implants, Stereotactic Radiosurgery, and Fractionated Stereotactic
Radiotherapy

7/94-6/95 Intern at Jersey Shore Medical Center, Neptune, NJ
Transitional year with rotations in Pediatrics, Pediatric ICU, Neonatal ICU, OB/
GYN, Emergency Room, as well as Medicine.

WORK EXPERIENCE:

01/21- present Dattoli Cancer Center Radiation Oncologist.

09/13-11/20 BayCare Medical Group

Director of Radiation Oncology at St. Joseph's Hospital, St. Joseph's Children's Hospital and St. Joseph Women's Hospital. Treating all cancers including cancers in adults and children. Treating patients on clinical trials from Children's Oncology Group, NSABP, and Alliance. Restarted SRS program at SJH. Experience with SRS, SBRT, HDR, Radio-immunotherapy, APBI, prone radiation treatments, and accelerated fractionation. Active member in Breast Program Leadership. Instrumental in getting ACR accreditation. Started system wide peer to peer patient reviews utilizing virtual conferencing. Member of various committees throughout the hospital. Active in making programmatic decisions for the future of the Oncology Service line.

07/10-7/13 Lakeland Regional Cancer Center Radiation Oncologist.

Hospital Employed Physician. Full service center with Med Onc, Rad Onc, Surg Onc, Urologic Onc, GYN Onc under one roof. Started radiosurgery program.

07/02-06/10

Radiation Oncologist Solo Practitioner (self employed). Medical Director of Oncology Services at Elmhurst Memorial Hospital. Participated in the planning for the new hospital. Moderator of the Multidisciplinary tumor board and Breast Cancer Tumor Board. Cancer Liaison Physician and Coordinator of the Community Outreach Subcommittee. Maintained ACR accreditation. Sold practice to US Oncology Affiliated Practice in 2008. Worked with US Oncology until 6/2010

1/02-3/02

Radiation Oncologist at Radiation Oncology Services of Rhode Island, Warwick, RI. Freestanding radiation oncology facility.

7/98-12/01

Assistant Professor/Co-Director of Vascular Radiation Medicine at University of Rochester, Strong Memorial Hospital, Department of Radiation Oncology, Rochester, NY

Responsible for the GI/GU service as well as Vascular Radiation Clinical Trials. In charge of Benign Disease Service including Heterotopic Bone, Keloids, and Vascular Restenosis (Neo-Intimal Hyperplasia) prevention. . Experience with body radiosurgery and the Novalis™ radiosurgery system from BrainLab, GmbH. Participating in multiple RTOG and URCC trials. Helped solve logistical problems with multidisciplinary protocols. Active in multidisciplinary GI and GU clinics and conferences. Member of various administrative committees for Strong Health Care. Electronic Editor of Dr. Philip Rubin's Clinical Oncology Textbook.

Patients included routine cases as well as "unique" presentations. Responsible for Vascular Radiation Clinical Trials, TBI, Stereotactic Radiosurgery, HDR Endobronch/Esophagus, and Heterotopic Bone. Participated in the training of Residents. Involved in writing several clinical protocols and obtaining FDA approvals with IDE's. Trained to use Novoste's BetaCath™ system.

PROFESSIONAL ASSOCIATIONS:

- Polk County Medical Association
 - President 2014-2016
 - President Elect 2012-2013
 - Vice President 2011-2012
 - Board of Trustees 2011-present
- Liaison Editor of Polk Health News and Central Florida Doctor
- Florida Medical Association Florida Medical Association
 - Chairman of the Rules and Credentials Committee
- Florida Medical Association PAC
 - Board of Directors 2013-2017
- Florida Association Physicians of Indian Origin
- American Society of Therapeutic Radiation Oncologists
- American College of Radiology
- American Medical Association
- Indian American Medical Association

LICENSURE/CERTIFICATION:

Florida Medical License – active

American Board of Radiology - Board Certification in Radiation Oncology

HONORS:

- Roentgen Resident/Fellow Research Award
- John Michelis Memorial Award for High Achievement in Biomedical Engineering
- TAU BETA PI National Engineering Honor Society
- ETA KAPPA NU National Electrical and Computer Engineering Honor Society
- B.S.E.E. with honors

COMMITTEES:

2010-present	Radiation Safety Committee
2010-2020	Breast Cancer Leadership Committee
2004-2008	Credential Committee
2004-2008	Breast Cancer Advisor Committee
2003-2008	Laboratory Review Committee
2000-2001	Medical Faculty Council at University of Rochester
2000-2001	GI Protocol Standards Committee
2000-2001	Protocol Review Committee
1999-2001	Credentials & Privilege Review Committee
2001	ASTRO Annual Meeting Program Advisory Group

PUBLICATIONS:

Soni AB, Sandhu AP, Smuzdin T, Schell M, Sitzmann J, Okunieff P. The Feasibility of Treatment of Hepatic Malignancies with High Dose per Fraction Radiation Delivered by 3D Conformal Techniques. Submitted to IJORBP.

Joseph J, Soni A, Brassacchio R, Messing E. Lower Urinary Tract Symptoms in Patients with Localized Prostate Cancer Treated with Brachytherapy Versus Combined External Beam and Brachytherapy. Submitted AUA 97th Annual meeting.

Soni AB, Illig KA, Sternbach Y, Anthony P, Jacob P, Reddy G, Storey J, Gerety R, Williams JP, Schell M, Waldman D, Rubin P, Green R, Okunieff P. Benefits of External Irradiation for Peripheral Arterial Bypass (BIPASS): preliminary report on a Phase I study. IJROBP 54(4);1174-1179, 2002.

Illig KA, Williams JP, Lyden SP, Hernady E, Soni A, Davies MG, Schell M, Okunieff P, Rubin P, Green RM. External beam irradiation for inhibition of intimal hyperplasia following prosthetic bypass: preliminary results. Annals of Vascular Surgery 2001;15(5):533-8.

Illig KA, Williams J, Soni A, Shortell CK, Ouriel K, Okunieff P, Rubin P, Green RM. Irradiation for the Treatment of Anastomotic Intimal Hyperplasia after Peripheral Arterial Bypass Surgery. Submitted to Cardiovascular Radiation Medicine.

Soni AB, Illig KA, Williams J, Hernady E, Okunieff PG, Schell M, Green R, Rubin P. Safety of Irradiating PTFE and Native Vessel Grafts Following Surgery. Submitted to Cardiovascular Radiation Medicine.

Illig, KA, Soni, AB, Williams, J, Shortell; CK, Okunieff, P, Schell, M, Rubin, P, Green, RM: Irradiation for intimal hyperplasia: implications for peripheral arterial bypass. J. Am. Coll. Surg. 2000;190(3):364-70.

Illig KA, Soni AB, Williams J, Shortell CK, Okunieff P, Rubin P, Green RM. Clinical Review: Irradiation for Lower Extremity Arterial Occlusive Disease. CVRM 1(3); 1999.

Messing EM. Zhang JB. Rubens DJ. Brasacchio RA. Strang JG. Soni A. Schell MC. Okunieff PG. Yu Y. Intraoperative optimized inverse planning for prostate brachytherapy: early experience. IJROBP. 44(4):801-8, 1999.

Williams JP, Rubin P, Soni A, Hernady E, Schell M, Green R, Illig K, Pomerantz R, Okunieff P. Comparability of the External vs. Internal Location of Radiation in Inhibiting Neointimal Hyperplasia. *CVRM* 1(1); 55-63, 1999.

Yu Y, Zhang JBY, Brasacchio RA, Okunieff PG, Rubens DJ, Strang JG, Soni AB, Messing EM. Automated Treatment Planning and Optimization for Prostate Seed Implant Brachytherapy. *IJROBP* 43(3); 647-652, 1999.

Rubin P, Soni A, Williams JP The Molecular and Cellular Biologic Basis for the Radiation Treatment of Benign Proliferative Diseases. *Sem in Rad Onc* 9(2); 203-214, 1999

Zhang JBY, Yu Y, Ruebens D, Brasacchio RA, Strang JG, Soni AB, Schell M, Okunieff PG, Messing EM. Real time OR-based Optimized Planning for Prostate Brachytherapy. *Med Phys* 25 A106, 1998.

Soni AB, Constine LS, Smith D, Ojomo K, Muhs A. Preservation of Retinal, Optic Nerve and Chiasmatic Function Following Radiation Therapy Demonstrated by Visual Evoked Response Testing. *IJROBP* 39(2S):273, 1997.

Soni AB, Tzanakou E, Devereux D. A System For Melanoma Evaluation. *Proceedings of IEEE/EMBS Conference, Philadelphia:1990.*

Wolpert S, Tzanakou E, Rosenblum J, Soni AB. Experiments With Lateral Inhibition In Two-dimensional Photoreceptor Arrays. *Proceedings of IEEE/EMBS Conference, Boston:1989.*

PRESENTATIONS & POSTERS:

4/05 IMRT, A Soni. 5th Annual EMHC Health Education Seminar, Elmhurst Memorial Hospital, Elmhurst, IL: Guest Lecturer.

3/00 Vascular Radiation Therapy, A Soni. Finger Lakes Radiation Therapy Society Meeting, Rochester, NY: Guest Lecturer.

9/99 Benefits of Irradiation for Peripheral Arterial Bypass (BIPASS). Illig KA, Soni A, Williams J, Okunieff P, Shortell CK, Green RM, Schell M, Rubin P. *Transcather Cardiovascular Therapeutics Scientific Sessions, Washington DC, September 22-26, 1999.*

2/99 Vascular Radiation Therapy, A Soni. St Joseph's Hospital, Albuquerque, NM: Guest Lecturer.

- 2/99 Safety of Irradiating PTFE and Native Vessel Grafts Following Surgery, A Soni, K Illig, J Williams, E Hernady, P Okunieff, M Schell, R Green, and P Rubin; Cardiovascular Radiation Therapy III, Washington, DC.: Poster
- 10/97 Preservation of Retinal, Optic Nerve and Chiasmic Function Following Radiation Therapy Demonstrated by Visual Evoked Response Testing, A Soni MD, LS Constine MD, D Smith MD, K Ojomo MD, A Muhs; ASTRO, Orlando: Poster
- 9/97 A Composite Image Enhancement Method for Digitized Simulation and Portal Images, Q Gao, FF Yin, RP Li, Y Chen, A Philip, L Yerneni, A Soni MD; URCC Scientific Symposium: Poster
- 9/97 Optic Pathway Resistance to Radiation Injury, A Soni MD, LS Constine MD, D Smith MD, K Ojomo MD, A Muhs; URCC Scientific Symposium: Poster
- 6/97 Value of CT Scan Treatment Planning of Scar Boost in Early Breast Cancer When Clips Are Not Available To Determine Surgical Bed Volume, A Soni MD, DF Nelson MD, D Rubens MD, FF Yin Ph.D.; ICRO, Beijing: Presentation
- 10/90 A System For Melanoma Evaluation, A Soni, E Tzanakou, D Devereux MD; IEEE/EMBS Conference, Philadelphia: Oral Presentation
- 5/89 Experiments With Lateral Inhibition In Two-dimensional Photoreceptor Arrays, S Wolpert, E Tzanakou, J Rosenblum, A Soni; IEEE/EMBS Conference, Boston: Presentation