

CURRICULUM VITAE



**A. M. Nisar Syed, M.D.,
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CITIZENSHIP:

United States of America.

MARITAL STATUS:

Married. Wife: Khatija Syed, M.D.

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BOARD CERTIFICATIONS:

- American Board of Radiology: Therapeutic Radiology, 1976
- Royal College of Surgeons of England, F.R.C.S., 1969
- Royal College of Surgeons of Edinburgh, F.R.C.S., 1970
- Royal College of Surgeons of England, D.M.R.T., 1972
- International College of Surgeons, F.I.C.S., U.S.A., 1992
- American College of Radiation Oncology, Fellow, 2000

MEDICAL SCHOOL: Gandhi Medical College
Osmania University
Hyderabad, India

DEGREE: M.D. Conferred in 1963

POST-GRADUATE TRAINING:

Jun 1963 – Jul 1964 Intern, Rotating. Osmania General Hospital, Hyderabad, India.
Aug 1964 – Jul 1965 Resident. Cromer District Hospital, Cromer, Norfolk, United Kingdom.
Aug 1965 – Jul 1969 Resident, Surgery. Clayton Hospital, Wakefield, Yorkshire, United Kingdom.
Sep 1969 – Oct 1970 Fellow, Surgery. Weiss Memorial Hospital, Chicago, IL.
Nov 1970 – Nov 1972 Senior Registrar, Radiation Therapy. Christie Hospital-Holt Radium Institute, Manchester, United Kingdom.
Jul 1974 – Jun 1975 Intern/Resident, Department of Radiology, Radiation Medicine Unit, University of Southern California, Los Angeles, CA.

PROFESSIONAL EXPERIENCE:

Dec 1972 – Jul 1973 Assistant Professor, Department of Radiation Therapy, Freeman Hospital, Howard University, Washington, D.C.
Aug 1973 – Jul 1976 Fellow, Department of Radiology, Radiation Medicine Unit, University of Southern California School of Medicine, Los Angeles, CA.
Aug 1976 – Jul 1979 Assistant Professor, Department of Radiology, Radiation Medicine Unit, University of Southern California, Los Angeles, CA.
Aug 1976 – Jul 1979 Associate Radiation Therapist, Southern California Cancer Center, California Hospital Medical Center, Los Angeles, CA.
Aug 1979 – Present Attending Radiation Therapist, Southern California Cancer Center, California Hospital Medical Center, Los Angeles, CA.
Aug 1979 – Present Attending Radiation Therapist, Hospital of the Good Samaritan, Los Angeles, CA.
Nov 1979 – Present Director, Thomas and Dorothy Leavey Radiation Oncology Center, Todd Cancer Institute, Long Beach Memorial Medical Center, Long Beach, CA.
Aug 1991 – Present Radiation Oncologist, Saddleback Memorial Medical Center, Laguna Hills, CA.
Sep 2009 – Present Radiation Oncologist, Orange County CyberKnife & Radiation Oncology Center, Fountain Valley, CA.

CURRENT ACADEMIC APPOINTMENTS:

Aug 1979 – Present	Clinical Professor, Department of Radiology, Radiation Medicine Unit, University of Southern California School of Medicine, Los Angeles
Oct 1980 – Present	Clinical Professor, Department of Radiological Sciences (Division of Radiation Oncology), University of California at Irvine, School of Medicine, Orange, CA.
Nov 1991 – Present	Professor, Service Series, Department of Radiology, Charles Drew University of Medicine & Science, Los Angeles, CA.
Oct 1991 – Dec 1993	Chancellor, American College of Radiation Oncology, Philadelphia, PA.
Nov 1993 – Dec 1995	Vice-Chairman, American College of Radiation Oncology, Philadelphia, PA.
Aug 1993 – Dec 1995	Chairman, Radiation Oncology Committee, Indo-American Cancer Society.
Jan. 2003 – Dec 2010	Clinical Professor, School of Medicine, Department of Radiation Oncology, University of Kansas Medical Center, Kansas City, KS.

HONORS, AWARDS AND ACHIEVEMENTS

- Gold Medal, Osmania University, Hyderabad, India, 1978.
- Program Chairman, International Endocurietherapy Symposium, Bonaventure Hotel, Los Angeles, CA, July 2-4, 1978.
- Founder, Pacific Endocurietherapy Society (later to become the American Endocurietherapy Society), Los Angeles, 1978.
- Secretary, Pacific Endocurietherapy Society, Los Angeles, CA, 1978-79.
- Founder, Secretary (1980-83), President-Elect (1983) and President (1984), American Brachytherapy Society (formerly American Endocurietherapy Society), Los Angeles, CA.
- Established chapters of American Brachytherapy Society in many states throughout the USA, 1983.
- Program Chairman, 4th Annual Mid-Winter Meeting, American Endocurietherapy Society, December, 1981.
- Second Henschke Memorial Lecturer, American Endocurietherapy Society, December, 1981.
- Program Chairman, Annual Endocurietherapy Workshops and Symposia, Endocurietherapy Research Foundation, Long Beach, CA, 1982 - Present. Trained more than 2000 radiation oncologists, surgeons, gynecologists and medical physicists from all over the world in the Brachytherapy procedures, 1982 - present.
- Invented and developed several techniques of brachytherapy, as well as applicators "Syed/Neblett templates" for use in the treatment of cancer of cervix, vagina, urethra, prostate and rectum which are currently in use worldwide and has become the standard of care, 1983.

HONORS, AWARDS AND ACHIEVEMENTS (continued):

- Invited Speaker, National and International conferences including USA, Italy, Germany, New Zealand, Australia, India, Malaysia, South Africa, Argentina, Peru, Brazil, China, Kingdom of Saudi Arabia, Dubai, Oman, Pakistan, 1984 - present.
- "Best Doctors in America", 1984 – present.
- Founder and Editor-in-Chief, Journal of Brachytherapy International (formerly Endocurietherapy/ Hyperthermia Oncology: An International Journal), Long Beach, CA, 1985-Present.
- Padam Singh Memorial Orator, VII Congress of the Association of Radiation Oncologists of India, Bangalore, October, 1985 and 1993.
- Chairman, International Faculty, Technology Transfer Programme, Indian Society of Oncology, Interstitial Brachytherapy Programme, Bombay, February, 1986.
- Conducted 22 National and International Workshops and Symposia in Brachytherapy and Hyperthermia in USA, Argentina, Peru, India, South Africa, etc, 1996 - present.
- Visiting Professorships to numerous institutions including Memorial Sloan-Kettering Cancer Center, Scripps Memorial Hospital, University of California at San Francisco, etc, 1996 - present.
- The Munzer Family Award, Long Beach, 1997. Excellence in resident education.
- Established "Endocurietherapy Research Foundation" in 1998, which helped develop techniques of brachytherapy in addition to conducting annual workshops and symposia.
- Developed Comprehensive Cancer Centers and Radiation Oncology Centers in USA, India, as well as several Radiation Oncology centers in California, Florida and Texas, 1998 - present.
- Lifetime Contribution felicitation, AROI-Karnataka Chapter (Association of Radiation Oncologists of India), August 2011. Excellence in the development, training & education in the field of Oncology in India.
- Achievement Award from the Radiation Oncology Society of The State of Karnataka, Bangalore, 2012.
- Achievement Award from the Radiation Oncology Society of the State of Andhrapradesh, Hyderabad, 2014.

SOCIETY MEMBERSHIPS:

American Society for Therapeutic Radiology and Oncology
American Radium Society
American Endocurietherapy Society
Western Association of Gynecologic Oncologists
American Medical Association
Royal College of Surgeons of England
Royal College of Surgeons of Edinburgh
International College of Surgeons, (U.S.A.)

SCIENTIFIC PAPERS PUBLISHED:

1. A.M.N. Syed, B.H. Feder, J.W. Schaefflein and D.L. Neblett. Management of extensive residual cancer with interstitial Iridium implant: A preliminary report. In: Afterloading, 20 Years of Experience, 1955-1975, B.S. Hilaris (ed), pp. 119-124, Memorial Sloan-Kettering Cancer Center, New York, 1975.
2. A.M.N. Syed, B.H. Feder and F.W. George III. Persistent carcinoma of the oropharynx and oral cavity re-treated by afterloading interstitial Iridium-192 implant. *Cancer*, 39, 1977.
3. A.M.N. Syed, B.H. Feder and F.W. George III. Afterloading interstitial implant in the treatment of oral cavity and oropharyngeal cancers. *Radiologica Clinica*, 47:390-397, 1977.
4. A.M.N. Syed and B.H. Feder. Techniques of afterloading interstitial implant. *Radiologica Clinica*, 47:458-475, 1977.
5. A.M.N. Syed, A.A. Puthawala, D.L. Neblett, F.W. George III, U.S. Myint, J.A. Lipsett, B.R. Jackson and P.A. Fleming. Primary treatment of carcinoma of the lower rectum and anal canal by a combination of external irradiation and interstitial implant. *Radiology*, 128:199-203, 1978.
6. B.H. Feder, A.M.N. Syed and D.L. Neblett. Treatment of extensive carcinoma of the cervix with the "Transperineal Parametrial Butterfly": a preliminary report on the revival of Waterman's approach. *Int. J. Radiat. Onc., Biol., Physics*, 4(7-8):735-742, 1978.
7. A.M.N. Syed, B.H. Feder, F.W. George III and D.L. Neblett. Iridium-192 afterloaded implant in the re-treatment of head and neck cancers. *Brit. J. Radiol.*, 51:814-820, 1978.
8. Seagren, A.M.N. Syed and J.E. Byfield. Interstitial implant radiotherapy in upper aerodigestive tract malignancy. *Head & Neck Surgery*, 409-416, 1979.
9. L.E. Orr, A.M.N. Syed, A.A. Puthawala, F.W. George III, J.F. McKernan and D.N. Halikis. Radiosensitizers in head and neck carcinoma. *Front. Radiat. Ther. Onc.*, 13:215-225, 1979.
10. P.A. Fleming, A.M.N. Syed, D.L. Neblett, A.A. Puthawala, F.W. George III and D. Townsend. Description of an afterloading 192Ir interstitial-intracavitary technique in the treatment of carcinoma of the vagina. *Obstet. & Gynecol.*, 55(4):525-530, 1980.
11. A.M.N. Syed, A.A. Puthawala, P.A. Fleming, R.T. Barton and F.W. George III. Afterloading interstitial implant in head and neck cancer. *Arch. Otolaryngol.*, 106:541-546, 1980.
12. A.M.N. Syed, B.H. Feder, F.W. George III and D.L. Neblett. Iridium-192 afterloaded implant in the re-treatment of head and neck cancers. *Brit. J. Radiol.*, 51:814-820, 1978.
13. Seagren, A.M.N. Syed and J.E. Byfield. Interstitial implant radiotherapy in upper aerodigestive tract malignancy. *Head & Neck Surgery*, 409-416, 1979. L.E. Orr, A.M.N. Syed, A.A. Puthawala, F.W. George III, J.F. McKernan and D.N. Halikis. Radiosensitizers in head and neck carcinoma. *Front. Radiat. Ther. Onc.*, 13:215-225, 1979.
14. A.M.N. Syed, B.H. Feder, F.W. George III and D.L. Neblett. Iridium-192 afterloaded implant in the re-treatment of head and neck cancers. *Brit. J. Radiol.*, 51:814-820, 1978.
15. Seagren, A.M.N. Syed and J.E. Byfield. Interstitial implant radiotherapy in upper aerodigestive tract malignancy. *Head & Neck Surgery*, 409-416, 1979.

SCIENTIFIC PAPERS PUBLISHED (Continued):

16. L.E. Orr, A.M.N. Syed, A.A. Puthawala, F.W. George III, J.F. McKernan and D.N. Halikis. Radiosensitizers in head and neck carcinoma. *Front. Radiat. Ther. Onc.*, 13:215-225, 1979.
17. P.A. Fleming, A.M.N. Syed, D.L. Neblett, A.A. Puthawala, F.W. George III and D. Townsend. Description of an afterloading ¹⁹²Ir interstitial-intracavitary technique in the treatment of carcinoma of the vagina. *Obstet. & Gynecol.*, 55(4):525-530, 1980.
18. A.M.N. Syed, A.A. Puthawala, P.A. Fleming, R.T. Barton and F.W. George III. Afterloading interstitial implant in head and neck cancer. *Arch. Otolaryngol.*, 106:541-546, 1980.
19. A.M.N. Syed, A.A. Puthawala, P.A. Fleming, D.L. Neblett, R.A. Gowdy, K.M. Sheikh, F.W. George III, D.L. Eads and C.S. McNamara. Combination of external and interstitial irradiation in the primary management of breast cancer. *Cancer*, 46:1360-1365, 1980.
20. A. Puthawala, A.M.N. Syed, D.L. Neblett and C.S. McNamara. The role of afterloading iridium (¹⁹²Ir) implant in the management of carcinoma of the tongue. *Int. J. Radiat. Onc., Biol., Physics*, 7:407-412, 1981.
21. L.E. Orr, A.A. Puthawala, A.M.N. Syed and P.A. Fleming. Metranizadole and interstitial implantation in the treatment of extensive head and neck cancers. *Cancer*, 48:43-47, 1981.
22. A.M.N. Syed. Interstitial irradiation as a salvage technique. *Int. J. Radiat. Onc., Biol., Physics*, 7:1613-1614, 1981.
23. A.A. Puthawala, A.M.N. Syed, T.C. Gates and C.S. McNamara. Definitive treatment of extensive anorectal carcinoma by external and interstitial irradiation. *Cancer*, 50:1746-1750, 1982.
24. A.A. Puthawala, A.M.N. Syed, P.A. Fleming, P.J. DiSaia. Re-irradiation with interstitial implant for recurrent pelvic malignancies. *Cancer*, 50:2810-2814, 1982.
25. A.A. Puthawala, A.M.N. Syed, R.H. Nalick, C.S. McNamara and P.J. DiSaia. Integrated external and interstitial radiation therapy for primary carcinoma of the vagina. *Obstet. & Gynecol.*, 62(3):367-372, 1983.
26. A.M.N. Syed, A.A. Puthawala and D.L. Neblett. Interstitial Iodine-125 implant in the management of unresectable pancreatic carcinoma. *Cancer*, 52:808-813, 1983.
27. A.M.N. Syed, A.A. Puthawala, L.A. Tansey, A.M. Shanberg, D.L. Neblett, R. Mendez, J.W. Barloon, J.E. Ingram, W.T. Naftel and C.S. McNamara. Management of prostatic cancer. Combination of pelvic lymphadenopathy, temporary Ir-192 implantation, and external irradiation. *Radiology*, 149(3):829-833, 1983.
28. L.A. Tansey, A.M. Shanberg, A.M.N. Syed and A.A. Puthawala. Treatment of prostatic cancer by pelvic lymphadenectomy, temporary Iridium-192 implant, and external irradiation. *Urology*, 21:594-598, 1983.
29. A.M.N. Syed, A.A. Puthawala, L.E. Orr, R.A. Gowdy, K.M. Sheikh and C.S. McNamara. Primary irradiation in the management of early and locally advanced carcinoma of the breast. *Brit. J. Radiol.*, 57:317-321, 1984.

SCIENTIFIC PAPERS PUBLISHED (Continued):

30. A.M.N. Syed, A.A. Puthawala, L.A. Tansey, A.M. Shanberg and K.M. Sheikh. Temporary interstitial irradiation in the management of carcinoma of the prostate. *Int. Med.*, 5:146-161, 1984
31. A.A. Puthawala, A.M.N. Syed, K.M. Sheikh, R.A. Gowdy and C.S. McNamara. Combined external and interstitial irradiation in the treatment of Stage III breast cancer. *Radiology*, 153:813-816, 1984.
32. A.A. Puthawala, A.M.N. Syed, L.A. Tansey, A.M. Shanberg, P.A. Austin and C.S. McNamara. Temporary Iridium-192 implant in the management of carcinoma of the prostate. *Endocurietherapy/Hyperthermia Oncol.*, 1:25-34, 1985.
33. A.A. Puthawala, A.M.N. Syed, K.M. Sheikh, S. Rafie and C.S. McNamara. Interstitial hyperthermia in recurrent malignancies. *Endocurietherapy/Hyperthermia Oncol.*, 1:125-132, 1985.
34. A.M.N. Syed and A.A. Puthawala. Role of interstitial irradiation in the treatment of primary and recurrent tumors of tonsillar region and soft palate. In: *Head and Neck Cancer*, Vol. 1, Chretien, et al., (eds), pp. 356-359, B. C. Decker, Toronto, 1985.
35. A.A. Puthawala, A.M.N. Syed, D.L. Eads, D.L. Neblett, L.I. Gillin and T.C. Gates. Limited external irradiation and interstitial ¹⁹²Ir implant in the treatment of squamous cell carcinoma of the tonsillar region. *Int. J. Radiat. Onc., Biol., Physics*, 11:1595-1602, 1985.
36. A.A. Puthawala, A.M.N. Syed and T.C. Gates. Iridium-192 implants in the treatment of tonsillar region malignancies. *Arch. Otolaryngol.*, 111:812-815, 1985.
37. D.L. Neblett, A.M.N. Syed, A.A. Puthawala, R.L. Harrop, H.S. Frey and S. Hogan. An interstitial technique evaluated by contiguous volume analysis. *Endocurie-therapy/Hyperthermia Oncol.*, 1:213-222, 1985.
38. A.M.N. Syed, A.A. Puthawala, D.L. Neblett, P.J. DiSaia, M.L. Berman, M. Rettenmaier, R.H. Nalick and C. McNamara. Transperineal interstitial-intracavitary "Syed-Neblett" applicator in the treatment of carcinoma of the uterine cervix. *Endocurie-therapy/Hyperthermia Oncol.*, 2:1-14, 1986.
39. A.A. Puthawala and A.M.N. Syed. Interstitial re-irradiation for recurrent and/or persistent head and neck cancers. *Int. J. Radiat. Onc., Biol., Physics*, 13:1113-1114, 1987.
40. A.M.N. Syed, A.A. Puthawala, S.R. Severance and B.J. Zamost. Intraluminal irradiation in the treatment of esophageal cancer. *Endocurietherapy/Hyperthermia Oncol.*, 3:105-113, 1987.
41. A.A. Puthawala, A.M.N. Syed, D.L. Eads, L. Gillin and T.C. Gates. Limited external beam and interstitial ¹⁹²Iridium irradiation in the treatment of carcinoma of the base of the tongue: A ten year experience. *Int. J. Radiat. Onc., Biol., Physics*, 14:839-848, 1988.
42. M.A. Rettenmaier, M.F. Moran, N.F. Ramsinghani, M. Colman, A.M.N. Syed, A.A. Puthawala, F.W. Jansen and P.J. DiSaia. Treatment of advanced and recurrent squamous cell carcinoma of the uterine cervix with constant intraarterial infusion of cisplatin. *Cancer*, 61:1301-1303, 1988.
43. M.A. Rettenmaier, D.M. Casanova, J.P. Micha, M.F. Moran, N.S. Ramsinghani, A.M. Nisar Syed, A.A. Puthawala, and P.J. Disaia. Radical hysterectomy and tailored post operative radiation therapy in the management of bulky stage 1B cervical cancer. *Cancer*, 63:2220-2223, 1989.

SCIENTIFIC PAPERS PUBLISHED (Continued):

44. A.F. Gelb, A.A. Puthawala, A.M.N. Syed, J.D. Epstein, A. Szeftel, D.P. Tashkin. Endobronchial brachytherapy for resistant lung cancer. *Endocurietherapy/Hyperthermia Oncol.*, 5:161-167, 1989.
45. J.M. Cherlow, A.M.N. Syed, A.A. Puthawala, M. Asch, J.Z. Finklestein. Endocurietherapy in pediatric oncology. *Am. J. Pediatric Hematology Oncol.*
46. Ajmel A. Puthawala, A.M. N. Syed, Seyed Rafie, Colleen Mc Namara. Interstitial Hyperthermia and Interstitial Irradiation (Thermoendocurietherapy) in the Treatment of Recurrent and/or Persistent Head and Neck Cancers. *Endocurietherapy/Hyperthermia Oncology*, 6:3-4, 1990.
47. Philip J. Disaia, A.M. N. Syed, Ajmel A. Puthawala. Malignant neoplasia of the upper vagina. *Endocurietherapy/Hyperthermia Oncology*, 6:3-4, 1990.
48. Marinelli D., Shanberg A.M., Tansey L.A., Sawyer D.E., A.M.N. Syed, and A.A. Puthawala. Followup prostate biopsy in patients with carcinoma of the prostate treated by 192 Iridium Template Irradiation plus supplemental External Beam Radiation. *The Journal of Urology* 147: 922-925, 1992.
49. A.M.N. Syed, A.A. Puthawala, Peter Austin, Joel Cherlow, et al. Temporary Iridium-192 Implant in the Management of Carcinoma of the Prostate. *Cancer*: 69(10):2515-2524, June 1992.
50. J.D. Bloss, Michael L. Berman, A.M. Nisar Syed, Ajmel A. Puthawala, Alberto Manetta, Seyed Rafie M.S., Philip J. Disaia. Treatment of Advanced Carcinoma of the Uterine Cervix With Interstitial Radiotherapy and Hyperthermia. *Endocurietherapy/Hyperthermia Oncology*, 8:145-150, July 1992.
51. Hani Soliman, Allan Shanberg, Donald Sawyer, Larry Tansey, A.M. Nisar Syed, Ajmel Puthawala. Changes in Prostate-specific Antigen Levels Following Interstitial Radiation of the Prostate Using Iridium-192 for Carcinoma of the Prostate. *Endocurietherapy/Hyperthermia Oncology*, 10:4, 1994.
52. Silvia C Formenti, Gerald Lucas, Julio A Ibarra, Bryan Langholz, Nisar M Syed, Ajmel A Puthawala, David Neblett, Robert A Gowdy, Zbigniew Petrovich. Initial brachytherapy in the breast conservation approach to breast cancer. *Am J Clin Oncol (CTT)* 18(4):331-336, 1995.
53. A.M. Nisar Syed, Ajmel A. Puthawala. Current brachytherapy techniques. In: *Current Radiation Oncology*, Vol 2, J.S. Tobias and P.R.M. Thomas (eds), pp 88-106, Arnold Publishers, London and Oxford University Press, Inc., New York, NY, 1996.
54. AM Nisar Syed, Ajmel A Puthawala, Neil Barth, Anil Sharma, Adina Londrc. High Dose Rate Brachytherapy In The Treatment Of Carcinoma Of The Prostate: Preliminary Results. *J Brachytherapy International* 1997;13:315-331.
55. AM Nisar Syed, Ajmel A Puthawala, Ehab Mostafa, Salwa M Ibrahim, Adina Londrc, Steve Damore, Khalid Sheikh. Induction Chemotherapy Followed By Combined External Beam Irradiation And Brachytherapy For Locally Advanced Head And Neck Cancer. *J Brachytherapy International* 1998;14:71-81.
56. Anil Sharma, AM Nisar Syed, Ajmel A Puthawala, Farid Al-Ali. High Dose Rate Treatment Planning For Prostate Cancer Implants Using The VariSource Remote Afterloader. *J Brachytherapy International* 1998;14:1-14.

SCIENTIFIC PAPERS PUBLISHED (Continued):

57. Krishnansu Tewari, Fabio Cappuccini, AM Nisar Syed, Ajmel Puthawala, Philip J. Disaia, Michael L Berman, Alberto Manetta, Bradley J Monk. "Interstitial brachytherapy in the treatment of advanced and recurrent vulvar cancer." *Am J Obstet Gynecol* 1999; 181:91-8.
58. AM Nisar Syed, Ajmel A Puthawala, Steven J Damore, Joel M Cherlow, Peter A Austin, Richard Sposto, Nilam Ramsinghani. "Brachytherapy for Primary and Recurrent Nasopharyngeal Carcinoma: 20 Years' Experience at Long Beach Memorial". *Int J Radiation Oncology Biol Phys* 2000; 47(5):1311-21.
59. Steven J Damore, AM Nisar Syed, Ajmel A Puthawala and Anil Sharma. Needle displacement during HDR brachytherapy in the treatment of prostate cancer. *Int J Radiation Oncology Biol Phys* 2000; 46(5):1205-1211.
60. Ajmel Puthawala, AM Nisar Syed, Sherief Gamie, Yi-Jen Chen, Adina Londrc, Vaughn Nixon. Interstitial low-dose-rate brachytherapy as a salvage treatment for recurrent head-and-neck cancers: long-term results. *Int J Radiation Oncology Biol Phys* 2001; 51(2):354-362.
61. AA Puthawala, AMN Syed, PA Austin, JM Cherlow, JM Perley, AM Shanberg, DE Sawyer, JE Ingram, R Baghdassarian, BH Wachs, JE Perley, A Londrc, T Espinoza-Ferrel. "Long Term Results For Treatment Of Carcinoma Of The Prostate By Staging Pelvic Lymph Node Dissection And Radical Irradiation Using Low Dose Rate Temporary Iridium¹⁹² Interstitial Implant And External Beam Radiotherapy." *Cancer* 2001; 92:2084-94.
62. A.M. Nisar Syed, Ajmel A. Puthawala. Interstitial brachytherapy in the treatment of carcinoma of the cervix. In: *Principles and Practice of Brachytherapy using afterloading systems*. Joslin, Flynn and Hall (eds), pp 379-386, Arnold Publishers, London and Oxford University Pres, Inc., New York, NY, 2001.
63. Ajmel A. Puthawala, A.M. Nisar Syed. Interstitial brachytherapy in the treatment of carcinoma of the anorectum. In: *Principles and Practice of Brachytherapy using afterloading systems*. Joslin, Flynn and Hall (eds), pp 387-392, Arnold Publishers, London and Oxford University Pres, Inc., New York, NY, 2001.
64. AM Nisar Syed, Ajmel Puthawala, Anil Sharma, Sherief Gamie, Adina Londrc, Joel M Cherlow, Steven J Damore, Nashwa Nazmy, Khalid M Sheikh, Stephen J Ko. High dose rate brachytherapy in the treatment of carcinoma of the prostate. *Cancer Control* November/December 2001; 8(6): 511-521.
65. AM Nisar Syed, Ajmel A Puthawala, Shailender Singh, Soma Raju, Anil Sharma, Adina Londrc, Sherief H Gamie, Sudhakar Reddy, Q Terry, R Vidya, BB Premkumar, Pratap Reddy, PC Rath, K Sarat Chandra, Vijaynand Reddy, Vinay K Behl, Viqar Syed, S Gopi, GK Rath, Joel M Cherlow, Steven J Damore, Khalid M Sheikh. "INDIRA" Trial: De Novo Low Dose Rate Intracoronary Irradiation After Angioplasty and Stent Placement for Prevention of Restenosis. *J Brachytherapy Int* 2001; 17:317-330.
66. Krishnansu S Tewari, Fabio Cappuccini, Ajmel A Puthawala, Jeffrey V Kuo, Robert A Burger, Bradley J Monk, Alberto Manetta, Michael L Berman, Philip J Disaia, AM Nisar Syed. Primary Invasive Carcinoma of the Vagina - Treatment with Interstitial Brachytherapy. *Cancer* 2001; 91:758-70.

SCIENTIFIC PAPERS PUBLISHED (Continued):

67. Bradley J Monk, Krishnansu S Tewari, Ajmel A Puthawala, AM Nisar Syed, Julie A Haugen, Robert A Burger. Treatment of recurrent gynecologic malignancies with iodine-125 permanent interstitial irradiation. *Int J Rad Oncol Biol Phys* 2002; 52(3):pages 806-815.
68. AM Nisar Syed, Ajmel A Puthawala, Nashwa Nazmy Abdlaziz, Mervat El-Naggar, Philip Disaia, Michael Berman, Krishnansu S. Tewari, Anil Sharma, Adina Londrc, Supriya Juwadi, Joel M. Cherlow, Steven Damore and Yi-Jen Chen. Long-term results of low-dose-rate interstitial-intracavitary Brachytherapy in the treatment of carcinoma of the cervix. *Int J Radiation Oncology Biol Phys* 2002; Vol 54. No. 1, pp 67-78.
69. Jaroslaw T Hepel, AM Nisar Syed, Ajmel Puthawala, Joel M Cherlow, Steven J Damore, Anil Sharma, Paul Frankel. Salvage high-dose-rate (HDR) brachytherapy for recurrent head-and-neck cancer. *Int J Radiat Oncol Biol Phys* 2005, Vol 62(5), pp 1444-1450.
70. Think P Phan, AM Nisar Syed, Ajmel Puthawala, Anil Sharma, Farhan Khan. High Dose Rate Brachytherapy as a Boost for the Treatment of Localized Prostate Cancer. *J of Urology* 2007 Jan; 177(1):123-127.
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ABSTRACTS:

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