
Curriculum Vitae

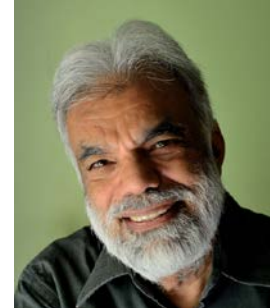
Professor Kailash Narayan

Qualifications

MB BS, MD, PhD, FRANZCR

Medical Practitioner Registration

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Educational Qualifications

- 1987** **FRACR** (Radiation Oncology)
Diploma of Royal Australasian College of Radiologists.
- 1981** **PhD** Experimental Pathology
“*Effects of Beta-irradiation on Mammalian Tissues*”
John Curtin School of Medical Research
Australian National University, Canberra, Australia.
- 1976** **MD** Biophysics
All India Institute of Medical Sciences (AIIMS)
New Delhi, India.
- 1972** **MBBS** University of Rajasthan, India.

Academic Appointments

- 2017 – Present **Professor**
Department of Obstetrics & Gynaecology
Royal Women’s & Mercy Hospital for Women
University of Melbourne, Australia.
- 2003-2017 **Associate Professor**
Department of Obstetrics & Gynaecology
Royal Women’s & Mercy Hospital for Women
University of Melbourne, Australia.
- 1996 – 2003 **Senior lecturer**
Department of Pathology
University of Melbourne, Australia.
- 1988 – 1995 **Associate**
Department of Pathology
University of Melbourne, Australia
- 1988 – 1994 **Biological Research Medical Scientist**
Electron microscopy and morphology lab,
Research division,
Peter MacCallum Cancer Institute, Australia.
- 1983 – 1984 **Senior tutor**
Department of Pathology, medical school,
University of Sydney, Australia,
- 1976 – 1977 **Lecturer**
Clinical Radioisotopes, department of Biophysics
Post graduate institute of medical education and research, Chandigarh, India.

Clinical Appointments

- 1996 - 2019 **Head, Gynaecology Oncology**
Peter MacCallum Cancer Centre, Melbourne, Australia
- 1987 – 1995 **Staff Specialist, Radiation Oncology**
Head and Neck Unit
Peter MacCallum Cancer Institute, Melbourne, Australia
- 1985 – 1987 **Registrar, Radiation Oncology**
Peter MacCallum Cancer Institute, Melbourne, Australia
- 1982 – 1983 **Registrar, Radiation Oncology**
Auckland Hospital, Auckland, New Zealand

Academic and Research Interests and Activities

Memberships of Professional Bodies and Committees

- 2014 Member of the Scientific Advisory Committee
of the Australian Gynaecological Cancer Foundation.
- 2013-17 Working Group member of Research Advisory Committee; Cervix, Australia and New
Zealand Gynaecology Oncology Group (ANZGOG).
- 2011-17 Site inspector for Cervix Cancer Research Network (CCRN, affiliate of International
Gynaecological Cancer Society.
- 2011 (International) Editorial Board Member of the Journal of Gynaecologic Oncology.
- 2009-17 Lead radiation oncologist for Australia and New Zealand Gynaecology Oncology
Group (ANZGOG)
- 2008 Australian Society of Gynaecologic Oncologists (ASGO).
- 2000 Life member of the Association of Radiation Oncologists of India

Research Grants

- 2012 A Phase III trial of adjuvant chemotherapy following chemoradiation as primary treatment
for locally advanced cervical cancer compared to chemoradiation alone: THE OUTBACK
TRIAL. Co-Investigator(s): **A/Prof. Kailash Narayan**; Prof Danny Rischin; Prof Michael Quinn;
Prof Michael Friedlander; A/Pr Kathleen Moore; Prof Henry Kitchener; Prof Shyam Srivastava;
Dr Julie Martyn; Prof William Small Jnr. (ANZGOG 0902) (Lead radiation Oncologist.)
Total Grant Budget: \$AUD 1,499,291, Grant Type (Funding Scheme): NHMRC Project Grants
- 1998 Morphology of irradiated microvasculature. Investigator: K Narayan.
Total Grant Budget: \$AUD 20,000. The Royal Australian College of Radiologists.

Awards

- 2013 **Awarded Best Oral Communication in Ultrasound in Oncology ISUOG 2013**
Sylvia van Dyk, Srinivas Kondalsamy-Chennakesavan, **Kailash Narayan**, Michal Schneider
Comparison of measurements of the uterus and cervix obtained by MRI and ultrasound
imaging used for planning radiotherapy for cervix cancer 23rd World Congress on Ultrasound

in Obstetrics and Gynecology incorporating ASUM 43rd Annual Scientific Meeting; 6-9 October 2013
Sydney Convention Centre, Sydney, Australia

- 2013 **Best reviewer**
Journal of Gynecologic Oncology; Official Journal of the Asian Society of Gynecologic Oncology.
- 2001 **Siemens Medical Prize - "Best Technical Paper".**
Australian Institute of Radiography, 19th Radiation Therapy Symposium, Australian National Conference, 2001
Title: Combined External Beam Radiotherapy & Endovascular Brachytherapy for Peripheral Vascular Disease " - Early experience at the Peter MacCallum Cancer Institute, Melbourne, Australia.
A.Rolfo, **K.Narayan**, M.Denton, A.Mirikian, KR.Das, M.Laferita
- 1995 **Howmedica 1st Prize**
Best scientific paper at the Annual Scientific Meeting for Accredited Plastic Surgery Trainees, Adelaide, March 22 - 28.
Title: Vascularised tissue transfer, "does it permit radical re-irradiation?"
Ashton M, Taylor GI and **Narayan K.**
- 1994 **Schering (AG Berlin, Androcur)**
Royal Australasian College of Radiologists Prize for the best scientific exhibit in Radiation Oncology Section.
Title: Mouse and rat restraining jigs for experimental radiation biology.
Lim Joon D, **Narayan K**, Hatton D, Ashton M, Miller D, Alessio G and Khoo V.
- 1984 **Varian Royal Australasian College Of Radiologists Prize**
Best Scientific paper in Radiation Oncology Section.
Title: In vivo morphology of irradiated microvasculature.
K Narayan.

Reviewer for International Scientific Journals

International Journal of Gynecological Cancer
Ultrasound in Obstetrics and Gynecology.
Journal of Medical Imaging and Radiation Oncology
Gynecology Oncology
Acta Obstetrica et Gynecologica Scandinavia
Journal of Gynecologic Oncology
International Journal of Radiation Oncology, Biology, Physics
Radiotherapy and Oncology
Cancer Imaging

Scientific Work

Peer Reviewed Publications

1. Lin MY, Mileshekin L, McNally O, Kondalsamy-Chennakesavan S, **Narayan K.** Prognostic significance of FIGO 2018 staging of loco-regionally advanced cervical cancer (LRACC) with the use of MRI and PET and implications for treatment selection. *Gynecol Oncol* 2022;169:91-7.
2. Linda R. Mileshekin, Kathleen N. Moore, Elizabeth H Barnes, Yeh Chen Lee, Val Gebiski, **Kailash Narayan**, Nathan Bradshaw, Katrina Diamante, Anthony W. Fyles, William Small, David K. Gaffney, Pearly Khaw, Susan Brooks, J Spencer Thompson, Warner King Huh, Matthew Carlson, Katina Robison, Danny Rischin, Martin R. Stockler, Bradley J. Monk. **Staging locally advanced cervical cancer with FIGO 2018 versus FIGO 2008: Impact on overall survival and progression-free survival in the OUTBACK trial (ANZGOG 0902, RTOG 1174, NRG 0274).** May 2021. *Journal of Clinical Oncology* 40(16_suppl):5531
3. **Kailash Narayan**, Ming Yin Lin, Srinivas Kondalsamy-Chennakesavan, Asima Mukhopadhyay. Lymphovascular Space Invasion (LVSI)-Based Prognostic Clusters in Endometrial Cancer Patients Treated with Primary Surgery and Adjuvant Radiotherapy. *Indian Journal of Gynecologic Oncology* (2021) 19:63
4. Linda R. Mileshekin, Kathleen N. Moore, Elizabeth Barnes, Val Gebiski, **Kailash Narayan**, Nathan Bradshaw,B J Monk. Adjuvant chemotherapy following chemoradiation as primary treatment for locally advanced cervical cancer compared to chemoradiation alone: The randomized phase III OUTBACK Trial (ANZGOG 0902, RTOG 1174, NRG 0274). May 2021. *Journal of Clinical Oncology* 39(18_suppl):LBA3-LBA3
5. Ming Yin Lin, Chrishanthi Rajasooriyar, Srinivas Kondalsamy-Chennakesavan, **Kailash Narayan.** Should Adenocarcinoma of Cervix be Treated Differently to Squamous Cell Carcinoma? *Indian Journal of Gynecologic Oncology* (2021) 19:22
6. L Mileshekin, E Barnes, K N Moore Elizabeth Barnes, Val Gebiski, **Kailash Narayan**, Nathan Bradshaw,B J Monk. 1052P Disparities starting adjuvant chemotherapy for locally advanced cervix cancer in the international, academic, randomised, phase III OUTBACK trial (ANZGOG 0902, RTOG 1174, NRG 0274). October 2019. *Annals of Oncology* 30(Supplement_5), DOI: 10.1093/annonc/mdz250.060
7. Endometrial cancer structured reporting protocol (2nd Edition). Royal College of Pathologists of Australasia (RCPA) (2019). <https://www.rcpa.edu.au/getattachment/dd4a2519-22e1-4e11-a491-b02b1b801c38/Protocol-endometrial-cancer.aspx>
8. **Narayan, K.**, Lin, M.Y., Kondalsamy-Chennakesvan, S. et al. Redistribution of Cervix Cancer Patients from FIGO 2009 to FIGO 2018 Staging Following Incorporation of Medical Imaging. *Indian J Gynecol Oncol* 17, 93 (2019) doi:10.1007/s40944-019-0347-5
9. Lin, M. Y. Dobrotwir, A. McNally, O. Abu-Rustum, N. R. **Narayan, K.** Role of imaging in the routine management of endometrial cancer. 2018: *Int J Gynaecol Obstet* 143 Suppl 2, 109-117
10. Cibula, D., Abu-Rustum, N. R., Fischerova, D., Pather, S. Lavigne, K. Slama, J. Alektiar, K. Ming-Yin, L. Kocian, R. Germanova, A. Fruhauf, F. Dostalek, L. Dusek, L. **Narayan, K.** Surgical treatment of "intermediate risk" lymph node negative cervical cancer patients without adjuvant radiotherapy-A retrospective cohort study and review of the literature. 2018: *Gynecol Oncol* 151 (3), 438-443
11. **Kailash Narayan**, Ming Yin Lin, David Bernshaw, Pearly Khaw, Srinivas Kondalsamy-Chennakesvan. Tailoring Adjuvant radiotherapy in Endometrial Cancer. 2017: *Indian J, of Gynaecol Oncol* 15 (3), 45
12. Yada Kanjanapan, Siddhartha Debb, Richard J. Young, Mathias Bressel, Linda Mileshekin, Danny Rischina, Michael S. Hofman, **Kailash Narayan**, Shankar Siva. Glut-1 expression in small cervical biopsies is prognostic in cervical cancers treated with chemoradiation. 2017; *Clinical and Translational Radiation Oncology* 2, 53-58

13. Gita Suneja'Correspondence information about the author Gita Suneja Email the author Gita Suneja, Derek Brown, Amy Chang, Beth Erickson, Elena Fidarova, Surbhi Grover, Umesh Mahantshetty, Subir Nag, **Kailash Narayan**, Memory Bvochora-Nsingo, Celia Viegas, Akila N. Viswanathan, Ming Yin Lin, David Gaffney. American Brachytherapy Society: Brachytherapy treatment recommendations for locally advanced cervix cancer for low-income and middle-income countries. 2017; Brachytherapy 16 (1), 85-94
14. Olga A. Martin, Robin L. Anderson, **Kailash Narayan**, Michael P. MacManus. Does the mobilization of circulating tumour cells during cancer therapy cause metastasis? Nature Reviews Clinical Oncology (2016) doi:10.1038/nrclinonc.2016.128
15. van Dyk S, **Narayan K**, Bernshaw D, Kondalsamy-Chennakesavan S, Khaw P, Lin MY, Schneider M. Clinical outcomes from an innovative protocol using serial ultrasound imaging and a single MR image to guide brachytherapy for locally advanced cervix cancer. Brachytherapy. 2016 Nov - Dec;15(6):817-824. doi: 10.1016/j.brachy.2016.07.008. Epub 2016 Sep 1.
16. Hiller JG1, Ismail HM, Hofman MS, **Narayan K**, Ramdave S, Riedel BJ. Neuraxial Anesthesia Reduces Lymphatic Flow: Proof-of-Concept in First In-Human Study. Anesth Analg. 2016 Nov;123(5):1325-1327.
17. Lin MY, Kondalsamy-Chennakesavan S, Bernshaw D, Khaw P, **Narayan K**. Carcinoma of the cervix in elderly patients treated with radiotherapy: patterns of care and treatment outcomes. J Gynecol Oncol. 2016 Nov;27(6):e59. doi: 10.3802/jgo.2016.27.e59. Epub 2016 Jul 19.
18. van Dyk S, **Narayan K**, Bernshaw D, Khaw P, Lin MY. In response to Kirisits, Schmid, Beriwal, and Potter. Brachytherapy. 2016 Mar-Apr;15(2):205-6. doi: 10.1016/j.brachy.2015.11.008. Epub 2016 Jan 29.
19. van Dyk S, Garth M, Oates A, Kondalsamy-Chennakesavan S, Schneider M, Bernshaw D, **Narayan K**. Reproducibility and interoperator reliability of obtaining images and measurements of the cervix and uterus with brachytherapy treatment applicators in situ using transabdominal ultrasound. Brachytherapy. 2016 Jan-Feb;15(1):71-8. doi: 10.1016/j.brachy.2015.10.006. Epub 2015 Nov 22.
20. Sagae S, Monk BJ, Pujade-Lauraine E, Gaffney DK, **Narayan K**, Ryu SY, McCormack M, Plante M, Casado A, Reuss A, Chávez-Blanco A, Kitchener H, Nam BH, Jhingran A, Temkin S, Mileskin L, Berns E, Scholl S, Doll C, Abu-Rustum NR, Lecuru F, Small W Jr; Gynecologic Cancer InterGroup Cervix Cancer brainstorming day. Advances and Concepts in Cervical Cancer Trials: A Road Map for the Future. Int J Gynecol Cancer. 2016 Jan;26(1):199-207. doi: 10.1097/IGC.0000000000000587.
21. S van Dyk, S Kondalsamy-Chennakesavan, M Schneider, D Bernshaw, **Narayan K**. Brachytherapy. 2015 Nov-Dec;14(6):889-97. doi: 10.1016/j.brachy.2015.04.011. Epub 2015 Jun 6.
22. Lu R, Nirooshun Rajendra, Andrew Craig Lynch....**Narayan K**. Pelvic surgical complications post radiotherapy for cervical cancer. April 2015 ANZ Journal of Surgery.
23. Carminia Lapuz, Srinivas Kondalsamy-Chennakesavan, David Bernshaw, Pearly Khaw, **Kailash Narayan**. 2016; J Med Imaging Radiat Oncol. 2016 Apr;60(2):274-82. doi: 10.1111/1754-9485.12411. Epub 2015 Nov 8.
24. Shankar Siva, Siddhartha Deb, Richard J Young, Rodney J Hicks, Jason Callahan, Mathias Bressel, Linda Mileskin, Danny Rischin, David Bernshaw, **Kailash Narayan**. 18F-FDG PET/CT following chemoradiation of uterine cervix cancer provides powerful prognostic stratification independent of HPV status: a prospective cohort of 105 women with mature survival data. 2015. European journal of nuclear medicine and molecular imaging 42 (12), 1825-1832
25. S van Dyk, **K Narayan**. In response to Swamidas and Kirisits. 2015. Journal of Medical Physics 40 (4), 246
26. SK Shrivastava, U Mahantshetty, **K Narayan**. Principles of radiation therapy in low-resource and well-developed settings, with particular reference to cervical cancer. 2015. Int J Gynaecol Obstet. Oct;131 Suppl 2:S153-8. doi: 10.1016/j.ijgo.2015.06.013.

27. MY Lin, TW Jobling, **K Narayan**. Surgical staging of para-aortic LN in patients with locally advanced cervix cancer and no evidence of metastases in preoperative PET/CT imaging 2015; Journal of gynecologic oncology 26 (4), 352-354
28. van Dyk S, Schneider M, Kondalsamy-Chennakesavan S, Bernshaw D, **Narayan K**. Ultrasound use in gynecologic brachytherapy: Time to focus the beam. Brachytherapy 2015; 2015 May-Jun;14(3):390-400
29. Simcock B, **Narayan K**, Drummond E, Bernshaw D, Wells E, Hicks RJ. The role of positron emission tomography/computed tomography in planning radiotherapy in endometrial cancer. International Journal of Gynecological Cancer 2015;25:645-9.
30. **Narayan K**, Lin MY. Staging for cervix cancer: Role of radiology, surgery and clinical assessment. Best Practice & Research Clinical Obstetrics & Gynaecology 2015. 29 (6), 833-844
31. van Dyk S, **Narayan K**. In reply to coza and ordeanu. International journal of radiation oncology, biology, physics 2014;90:472.
32. van Dyk S, Kondalsamy-Chennakesavan S, Schneider M, **Narayan K**. Oc-0265: Using MRI and integrated ultrasound to guide brachytherapy for cervix cancer. Radiotherapy and Oncology 2014;111:S102.
33. van Dyk S, Kondalsamy-Chennakesavan S, Schneider M, Bernshaw D, **Narayan K**. Comparison of measurements of the uterus and cervix obtained by magnetic resonance and transabdominal ultrasound imaging to identify the brachytherapy target in patients with cervix cancer. International Journal of Radiation Oncology Biology Physics 2014;88:860-5.
34. Siva S, Deb S, Young R, Bressel M, Mileschkin L, Rischin D, Bernshaw D, Fox S, Hicks R, **Narayan K**. Oc-0364: Impact of imaging and pathological biomarkers on survival after chemoradiation of locally advanced cervical cancer. Radiotherapy and Oncology 2014;111:S140-1.
35. Rajasooriyar C, Bernshaw D, Kondalsamy-Chennakesavan S, Mileschkin L, **Narayan K**. The survival outcome and patterns of failure in node positive endometrial cancer patients treated with surgery and adjuvant radiotherapy with curative intent. Journal of Gynecologic Oncology 2014;25:313-9.
36. Narayan K, van Dyk S, Bernshaw D, Khaw P, Mileschkin L, Kondalsamy-Chennakesavan S. Ultrasound guided conformal brachytherapy of cervix cancer: Survival, patterns of failure, and late complications. Journal of Gynecologic Oncology 2014;25:206-13.
37. Narayan K, Mileschkin L, van Dyk S, Bernshaw D, Khaw P, Kondalsamy Chennakesavan S. We should not settle for low-level evidence but should always use the best available evidence. Journal of Gynecologic Oncology 2014;25:349-51.
38. Mileschkin L, Paramanathan A, Kondalsamy-Chennakesavan S, Bernshaw D, Khaw P, **Narayan K**. Smokers with cervix cancer have more uterine corpus invasive disease and an increased risk of recurrence after treatment with chemoradiation. International Journal of Gynecological Cancer 2014;24:1286-91.
39. Chamoun J, Au-Yeng G, te Marvelde L, Quinn M, Grant P, McNally O, **Narayan K**, Rischin D, Neesham D, Allen D. A retrospective study of adjuvant chemotherapy plus pelvic radiotherapy in figo stage ii epithelial ovarian cancer. International Journal Of Gynecological Cancer. 2014;175-6.
40. Alfieri J, **Narayan K**, Rockall A. What is the role of PET/CT in gynecological cancers? Controversies in the management of gynecological cancers: 2014;213-23.
41. van Dyk S, Kondalsamy-Chennakesavan S, **Narayan K**, Schneider M. Oc17. 06: Comparison of measurements of the uterus and cervix obtained by MRI and ultrasound imaging used for planning radiotherapy for cervix cancer. Ultrasound in Obstetrics & Gynecology 2013;42:35.
42. Barkati M, Fortin I, Mileschkin L, Bernshaw D, Carrier J-F, **Narayan K**. Hemoglobin level in cervical cancer: A surrogate for an infiltrative phenotype. International Journal of Gynecological Cancer 2013;23:724-9.
43. Au-Yeung G, Mileschkin L, Bernshaw DM, Kondalsamy-Chennakesavan S, Rischin D, **Narayan K**. Radiation with cisplatin or carboplatin for locally advanced cervix cancer: The experience of a tertiary cancer centre. Journal of Medical Imaging and Radiation Oncology 2013;57:97-104.

44. Viswanathan AN, Creutzberg CL, Craighead P, McCormack M, Toita T, **Narayan K**, Reed N, Long H, Kim H-J, Marth C. International brachytherapy practice patterns: A survey of the Gynecologic Cancer InterGroup (GCIg). *International Journal of Radiation Oncology Biology Physics* 2012;82:250-5.
45. Siva S, Deb S, Bressel M, Gill S, Fox S, Hicks R, **Narayan K**. Oc-0125 Long-term outcomes of a prospective study of post-therapy PET after chemoradiation of cervical cancer. *Radiotherapy and Oncology* 2012;103:S49.
46. Siva S, Bressel M, Hicks R, Bernshaw D, Gill S, Deb S, Fox S, **Narayan K**. Routine follow-up rarely detects disease recurrence after a complete response on FDG-PET in patients with locally advanced cervical cancer. *International Journal of Radiation Oncology Biology Physics* 2012;84:S20.
47. Sin L, Kondalsamy Chennakes S, Bernshaw D, **Narayan K**. Prognostic factor analysis, survival and patterns of failure in FIGO stage 3 squamous cell cancer of the cervix. *The International Journal of Gynecological Cancer*. 2012;E754.
48. Shrivastava SK, Mahantshetty U, **Narayan K**. Principles of radiation therapy in low-resource and well-developed settings, with particular reference to cervical cancer. *International Journal of Gynecology & Obstetrics* 2012;119:S155-9.
49. Rajasooriyar C, Van Dyk S, Lindawati M, Bernshaw D, Kondalsamy-Chennakesavan S, **Narayan K**. Reviewing the role of parametrial boost in patients with cervical cancer with clinically involved parametria and staged with positron emission tomography. *International Journal of Gynecological Cancer* 2012;22:1532-7.
50. Narayan K, Konishi I, Bernshaw D, Kondalsamy Chennakes S. Clinical anatomy of FIGO stage 2b cervix cancer; patterns of failure and survival. *International Journal of Gynecological Cancer*. 2012;683.
51. Narayan K, Konishi I, Bernshaw S, Kondalsamy-Chennakes S. Radiation with cisplatin or carboplatin for locally advanced cervix cancer: The experience of a tertiary cancer centre. *The International Journal of Gynecological Cancer*. 2012;E558.
52. Narayan K, Khaw P, Bernshaw D, Mileschkin L, Kondalsamy-Chennakesavan S. Prognostic significance of lymphovascular space invasion and nodal involvement in intermediate-and high-risk endometrial cancer patients treated with curative intent using surgery and adjuvant radiotherapy. *International Journal of Gynecological Cancer* 2012;22:260-6.
53. Mileschkin LR, **Narayan K**, Moore KN, Rischin D, Trimble EL, Stockler MR, King M, Kolodziej I, Martyn J, Friedlander M. A phase III trial of adjuvant chemotherapy following chemoradiation as primary treatment for locally advanced cervical cancer compared to chemoradiation alone: The outback trial. *Journal of Clinical Oncology*. 2012.
54. Alfieri J, **Narayan K**, Bernshaw S, Kondalsamy Chennakes S. To stage or not to stage, that is the question-outcomes in endometrial cancer patients treated solely with vault brachytherapy. *The International Journal of Gynecological Cancer*. 2012;E1174.
55. Siva S, Herschtal A, Thomas JM, Bernshaw DM, Gill S, Hicks RJ, **Narayan K**. Impact of post-therapy positron emission tomography on prognostic stratification and surveillance after chemoradiotherapy for cervical cancer. *Cancer* 2011;117:3981-8.
56. Siva S, Herschtal A, Thomas J, Bernshaw D, Gill S, Hicks R, **Narayan K**. Post-therapy positron emission tomography may obviate the need for conventional follow-up in patients receiving chemoradiation for advanced cervical cancer. *International Journal of Radiation Oncology Biology Physics* 2011;81:S452.
57. Rajasooriyar C, Van Dyk S, Bernshaw D, Kondalsamy-Chennakesavan S, Barkati M, **Narayan K**. Patterns of failure and treatment-related toxicity in advanced cervical cancer patients treated using extended field radiotherapy with curative intent. *International Journal of Radiation Oncology Biology Physics* 2011;80:422-428.
58. Narayan K, van Dyk S, Bernshaw D. Australia: Peter MacCullum Cancer Center, Melbourne Gynecologic radiation therapy: Springer Berlin Heidelberg; 2011;167-72.

59. Khaw P, van Dyk S, Garth M, Bernshaw D, **Narayan K**. 633 poster brachytherapy in real-time and real-life: Adaptive and conformal, is it possible? *Radiotherapy and Oncology* 2011;99:S258.
60. Barkati M, Bernshaw D, Carrier J, Bentzen S, Lestari O, **Narayan K**. Hemoglobin: A misunderstood prognostic factor in cervix cancer. *International Journal of Radiation Oncology Biology Physics* 2011;81:S454.
61. Rischin D, **Narayan K**, Oza AM, Mileschkin L, Bernshaw D, Choi J, Hicks R, McClure B, Fyles A. Phase 1 study of tirapazamine in combination with radiation and weekly cisplatin in patients with locally advanced cervical cancer. *International Journal of Gynecological Cancer* 2010;20:827-833.
62. Narayan K, Rischin D, Quinn M, Goh J, Cheuk R, Obermair A, Bernshaw D, McClure B, Milner A, Mileschkin L. Adjuvant chemotherapy and chemoradiation following surgery for high-risk endometrial cancer. *ASCO Annual Meeting Proceedings* 2010;28:5028.
63. Narayan K, Barkati M, van Dyk S, Bernshaw D. Image-guided brachytherapy for cervix cancer: From Manchester to Melbourne 2010.
64. Ismail H, Ho K, **Narayan K**, Kondalsamy-Chennakesavan S. Effect of neuraxial anaesthesia on tumour progression in cervical cancer patients treated with brachytherapy: A retrospective cohort study. *British Journal of Anaesthesia* 2010:aeq156.
65. Barkati M, Van Dyk S, Foroudi F, **Narayan K**. The use of magnetic resonance imaging for image-guided brachytherapy. *Journal of Medical Imaging and Radiation Oncology* 2010;54:137-141.
66. van Dyk S, **Narayan K**, Fisher R, Bernshaw D. Conformal brachytherapy planning for cervical cancer using transabdominal ultrasound. *International Journal of Radiation Oncology Biology Physics* 2009;75:64-70.
67. Narayan K, van Dyk S, Bernshaw D, Rajasooriyar C, Kondalsamy-Chennakesavan S. Comparative study of LDR (Manchester system) and HDR image-guided conformal brachytherapy of cervical cancer: Patterns of failure, late complications, and survival. *International Journal of Radiation Oncology Biology Physics* 2009;74:1529-1535.
68. Narayan K, Rejeki V, Herschtal A, Bernshaw D, Quinn M, Jobling T, Allen D. Prognostic significance of several histological features in intermediate and high-risk endometrial cancer patients treated with curative intent using surgery and adjuvant radiotherapy. *Journal of Medical Imaging and Radiation Oncology* 2009;53:107-113.
69. Narayan K, Fisher RJ, Bernshaw D, Shakher R, Hicks RJ. Patterns of failure and prognostic factor analyses in locally advanced cervical cancer patients staged by positron emission tomography and treated with curative intent. *International Journal of Gynecological Cancer* 2009;19:912-918.
70. Gaffney DK, Du Bois A, **Narayan K**, Reed N, Toita T, Pignata S, Blake P, Portelance L, Sadoyze A, Potter R. Patterns of care for radiotherapy in vulvar cancer: A gynecologic cancer intergroup study. *International Journal of Gynecological Cancer* 2009;19:163-167.
71. Bernshaw DL, van Dyk S, Rajasooriyar CI, **Narayan K**, Kondalsamy-Chennakesavan S. A comparison between LDR and MRI conformal HDR brachytherapy of cervical cancer: Results, patterns of failure and late complications. *Brachytherapy* 2009;8:111.
72. Narayan K, Fisher R, Bernshaw D. Patterns of failure and prognostic factor analyses in locally advanced cervical cancer patients staged by magnetic resonance imaging and treated with curative intent. *International Journal of Gynecological Cancer* 2008;18:525-533.
73. Mahantshetty UM, Khanna NR, Engineer RZ, Shrivastava SK, **Narayan K**, Swamidas JS, Deshpande DD, Dinsahw KA. Abdominal ultrasonography for conformal high-dose-rate intracavitary brachytherapy in carcinoma of the cervix. *Brachytherapy* 2008;7:149-150.
74. Bernshaw D, van Dyk S, **Narayan K**. Imaged gynaecology brachytherapy: An integrated technique 2008.

75. Rischin D, **Narayan** K, Oza A, Mileschkin L, Bernshaw D, Hanlon K, McClure B, Fyles A. A phase I study of tirapazamine in combination with radiation and weekly cisplatin in patients with locally advanced cervical cancer. *ASCO Annual Meeting Proceedings* 2007;25:5543.
76. Gaffney DK, Du Bois A, **Narayan** K, Reed N, Toita T, Pignata S, Blake P, Portelance L, Sadoyze A, Pötter R. Practice patterns of radiotherapy in cervical cancer among member groups of the gynecologic cancer intergroup (GCIG). *International Journal of Radiation Oncology Biology Physics* 2007;68:485-490.
77. Small W, du Bois A, **Narayan** K, Reed N, Toita T, Pignata S, Blake P, Portelance L, Sadoyze A, Potter R. Practice patterns of radiotherapy in endometrial cancer among member groups of the gynecologic cancer intergroup (GCIG): 0755. *International Journal of Gynecological Cancer* 2006;16:812.
78. Narayan K, Fisher R, Bernshaw D. Significance of tumor volume and corpus uteri invasion in cervical cancer patients treated by radiotherapy. *International Journal of Gynecological Cancer* 2006;16:623-630.
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94. Narayan K, Hicks R, Jobling T, Bernshaw D, McKenzie A. A comparison of MRI and PET scanning in surgically staged loco-regionally advanced cervical cancer: Potential impact on treatment. *International Journal of Gynecological Cancer* 2001;11:263-271.
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103. Narayan K, Crane CH, Kleid S, Hughes P, Peters L. Planned neck dissection as an adjunct to the management of patients with advanced neck disease treated with definitive radiotherapy. *International Journal of Radiation Oncology Biology Physics* 1998;42:320.
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113. Narayan K. Use of mouse tail in the study of irradiated microvasculature. *Australasian Radiology* 1990;34:155-8.
114. Narayan K, Cliff W. Morphology of irradiated microvasculature: A combined in vivo and electron-microscopic study. *The American journal of pathology* 1982;106:47.
115. Narayan K, Cliff W. Use of rabbit ear chamber and strontium-90 source to study radiation pathology in vivo. *Microvascular Research* 1981;21:384-389.
116. Narayan K, Cliff W. In vivo morphology and ultrastructure of thyroid autografts in rabbit ear chambers. *Quarterly Journal of Experimental Physiology* 1981;66:237-52.
117. Narayan K, Cliff W. In vivo study of effects of ionizing radiation in rabbit ear chambers 1979.
118. Cliff W, **Narayan** K. Morphology and ultrastructure of radiation induced tissue damage in rabbit ear chambers 1979.

Workshops Organised

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|----------------------|--|
| Sept 29-Oct 3, 2013 | IAEA, National Training Course: Clinical Aspects and Applications of Brachytherapy, Dhaka Bangladesh.
Faculty: K Narayan (Radiation Oncologist), B Mohanti (Radiation Oncologist), N Vivekanandan (Medical Physicist). |
| March 21-25, 2011 | UICC, Cervical Cancer Initiative (CCI) Workshop: Five days' workshop at Amrita Institute of Medical Sciences', Kochi, India.
Faculty: Kailash Narayan (Radiation Oncologist), Sylvia van Dyke (Radiation therapist, Brachytherapy) and Dr Ram Das (physicist). |
| Nov 12 – Dec 9, 2005 | UICC, ICRETT (Technology transfer workshop) at TATA Memorial Hospital, Mumbai.
Application of PET and MRI in staging and conformal radiotherapy of Cervical Cancer
Faculty: Kailash Narayan (Radiation Oncologist), Sylvia van Dyke (Radiation therapist, Brachytherapy). |
| Feb 13-18, 2005 | High dose rate (HDR) Brachytherapy : Five days' workshop at Peter MacCallum Cancer Centre.
The Organising Team: K Narayan , S Williams, S Van Dyk, R Das, T Taylor and T Kron |

Training and Supervision

Supervision for doctoral and post-graduate students

- 2013-2017 Sylvia van Dyk, (PhD) Monash University
Radiation Therapy, Peter MacCallum Cancer Centre
- 2012 Taryn Robinson (MSc Thesis, Nursing) University of Melbourne.
Advance nursing practice in gynaecological cancer.
- 2002 Yew-Ming Kuan. Department of Surgery, Monash University
A pilot study of lower limb reconstruction surgery: Using irradiated vein grafts for prevention of graft stenosis.
Yew-Ming Kuan, **K Narayan**, A Wirth, M Grigg
(PMC Project No 02/21)
- 2002-2003 Terry Wu (MD Thesis). Department of Surgery, (Plastic Surgery), Medical School, University of Melbourne.
A detailed study of the influence of radiotherapy on the delay phenomenon in a rabbit model.
Wu T, Tailor GI and **Narayan K**
(PMC ProjectNo 1230)
- 1995-1997 Mark Ashton (MD thesis). Department of Surgery, (Plastic Surgery), Medical School, University of Melbourne.
Vascularised tissue transfer, “does it permit radical re-irradiation?”
Ashton M, Tailor GI and **Narayan K**.
- 1992-1993 Anna Spiropoulos, (MSc Thesis) Department of Pathology Medical School, University of Melbourne.
Morphology of normal and tumour microvasculature.

Fellows in Gynaecology Oncology - Peter MacCallum Cancer Centre

- 2019 – 2020 Dr Reem Al-Omran
Consultant Radiation Oncologist, Comprehensive Cancer Centre,
King Fahad Medical City, Riyadh, Saudi Arabia
- 2018 – 2019 Dr Chairat Lowanichkiattikul
Consultant Radiation Oncologist, Ramathibodhi Hospital, Thailand
- 2014- 2015 Dr Ming-Yin Lin
Radiation Oncologist, Peter MacCallum Cancer Centre, Melbourne
- 2011-2012 Dr Joanne Alfieri.
Radiation Oncologist, Montreal General Hospital, 1650 Cedar Avenue
Montreal, QC H3G 1A4, Canada
- 2009-2010 Dr Maroie Barkati
Radiation Oncologist, CHUM-hôpital Notre-Dame, Montreal, Canada

2007-2009 Dr Christhanthi Rajasooriyar
Radiation Oncologist, Teaching Hospital, Jaffna, Sri Lanka

ICRETT Fellows in Gynaecology Oncology - Peter MacCallum Cancer Centre

2014 Dr Susan Mathews, Radiation Oncologist, Regional Cancer Centre, Trivandrum, India

2012 Dr Neelam Sharma, Radiation Oncologist, Command Hospital, Pune, India

2008 Dr Uzma Majeed, Radiation Oncologist, Saukat Khanum Memorial Cancer Hospital, Lahore. Pakistan

2005 Dr Rohitashwa Dana, Radiation Oncologist Jodhpur Medical College, Jodhpur, India.

Supervision of fellows and Advanced Medical Student International Program – University of Melbourne

2013 Rashi Kalra: OB-GYN trainee, Royal Women's Hospital, The role of surveillance PET scan in selecting cervical cancer patients for salvage hysterectomy.

2012 George Au-Yeung, Medical Oncology Haematology, PMCC, Radiation with cisplatin or carboplatin for locally advanced cervix cancer: the experience of a tertiary cancer centre.

2011 Shilpa Narula, Medical School, Monash University, Melbourne Adjuvant Radiotherapy of Intermediate-High Risk Endometrial Cancer; where less is more'.

2011 Nisha Jagasia, OB-GYN fellow, Mercy Hospital for Women. Survival and patterns of recurrence after radiotherapy for isolated nodal and non-nodal recurrences of Epithelial Ovarian Cancer.

2010 Naomi Saunder, OB-GYN trainee, MMC, Melbourne Surgery alone as management of 1B cervical cancer.

2007-2008 Tiara Melati, Jakarta, Indonesia
Pap smear at the time of colposcopy: Is it useful?
Project no 0429

2007-2008 Mery Lindawati, Jakarta, Indonesia
Assessment of Locoregional Failure and Toxicity in Locoregionally Advanced Cervical Cancer Patients Treated with Radical Radiotherapy and Given a Boost if PET-node Positive.
Project no 0428

2007-2008 Henni Triyuniati, Jakarta, Indonesia
Prognostic significance of several histological risk factors in endometrial cancer treated by surgery and vaginal vault brachytherapy.
Project no 0427

2006-2007 Jovita Karina, Jakarta, Indonesia

- Estimation of Primary Tumour Volume in Cervical Cancer using PET/CT and its comparison with MRI measurements.
Project no: 06/45
- 2006-2007 Ovin Endah Lestari, Jakarta, Indonesia
The Prognostic Significance of Hemoglobin during diagnosis and treatment in Cervical Cancer patients.
Project no: 06/46
- 2006-2007 Vidya Jilang Rejeki, Jakarta, Indonesia
Prognostic significance of several histological risk factors in endometrial cancer.
Project no 06/038
- 2006
(July – Oct) Peters CM, Netherlands
Retrospective study of ovarian cancer patients treated with radiation therapy as a palliative treatment.
- 2006
(July – Oct) Balemans ECA, Netherlands
Retrospective study of stage 1b/2a cervical cancer patients treated with curative intent with surgery as first line treatment.
- 2003-2004 Erwin Saspraditya, Jakarta, Indonesia
The reproducibility of the measurement of tumor volume in patients with cervical cancer using MRI. Statistical Centre.
Project name and No.: CXMRIVOL (03//052)
- 2003-2004 Noha Roshadiansyah, Jakarta, Indonesia
The reproducibility of the measurement and the identification of tumor extension into the body of uterus in patients with cervical cancer using MRI. Statistical Centre.
Project name and No.: CXMRIVOL (03//052)

Visiting Fellowships / Sabbaticals

- 2009 Visiting Professorship, Professor Soren Bentzen, Department of Human Oncology, School of Medicine and Public health, University of Wisconsin, Maddison, USA. Research and clinical talks and research meeting and planning, 15 April – 13 May.
- 2008 Visiting Professorship, Univ. Prof. Dr. Richard Pötter, Department of Radiotherapy, Medical University of Vienna / Vienna General Hospital, Austria. Lectures, research meetings and resident training, 3 – 27 December.
- 2008 Visiting Professorship, Ikuo Konishi, Professor and Chairman, Department of Gynecology and Obstetrics, Kyoto University Graduate School of Medicine, Kyoto, Japan. (Lectures, research meetings and tumour boards twice a week.), 10th September – 18th October.
- 1988 Visit, Radiation Oncology, Cross Cancer Institute, Alberta, Canada, 4 – 15 July.

Invited Talks and Seminars

- 2019 K Narayan “Redistribution and survival of cervix cancer FIGO 2018”. Asian Society of Gynecology Oncology, Seoul, Korea.
- 2019 K Narayan “Prognostic groupings in endometrial cancer”. KolGoTrg, Kolkata, India.
- 2019 K Narayan “Prognostic groupings in Cervix Cancer”. KolGoTrg, Kolkata, India.
- 2019 K Narayan “Radiobiology for fellows”, Australian Society of Gynecology Oncologists, Sydney, Australia
- 2018 K Narayan “Ultrasound guided conformal brachytherapy of cervix cancer”, Association of Radiation Oncologists of India, Thiruvananthpuram.
- 2018 K Narayan “Imaging in Endometrial cancer”, Association of Gynaecology Oncologists of India, Gwalior.
- 2018 K Narayan “Imaging and adjuvant radiotherapy of Endometrial cancer”, Bangladesh Cancer Congress, Dhaka
- 2017 **K Narayan** “Tumour size and metastases”. 2nd Indian Cancer Congress, Bengaluru, India.
- 2017 **K Narayan** “Tumour size and metastases”. VCCC annual scientific meeting, Melbourne, Australia.
- 2016 **K Narayan** “Conformal brachytherapy: Primary control and survival in cervix cancer patients”. American Brachytherapy Society, annual scientific meeting, San Francisco, USA.
- 2016 **K Narayan** “Conformal brachytherapy: Primary control and survival”. Australian Brachytherapy group, annual scientific meeting., Perth, Australia.
- 2014 **K Narayan**, “Patient selection for adjuvant radiotherapy in endometrial cancer”. Annual Scientific Meeting of Association of Gynaecology Oncologists of India. Patna, India, 12-14 December.
- 2014 Commissioned Training Program for Radiation Therapists:
One Day workshop. A series of Lectures: **K Narayan**
“Imaging and staging in Cervix Cancer”.
“External beam radiotherapy of Cervix Cancer”.
“Ultrasound guided conformal brachytherapy of Cervix Cancer”.
“Comparative study of LDR and HDR image-guided conformal brachytherapy of cervical cancer”.
“Long term results of Ultrasound guided conformal brachytherapy “.
Hospital Authority, Hong Kong, 29th November.
- 2014 **K Narayan**, “Prognostic groupings: Local disease cervical cancer Gynaecological Cancer Intergroup meeting. Melbourne, Australia, 6th November.
- 2014 **K Narayan**, “Local and loco-regionally advanced cervix cancer: Tip of iceberg.” Apollo Cancer Conclave.

Chennai, India, 7 – 9 February.

- 2013 **K Narayan**, “Concurrent chemoradiotherapy (CCRT) for Stage IIB disease: Where are we now?” The 3rd Biennial meeting of Asian society of gynaecologic oncology, Kyoto, Japan, 13 – 15 December.
- 2013 **K Narayan**, “Cancer Cervix: Present status of radio-chemotherapy *vis-a-vis* surgery”. Dept. Radiation Oncology, Oncology Centre, FORTIS Memorial Research Institute (FMRI)., Gurgaon, India, 7 December.
- 2013 **K Narayan**, “Controversies in the management of endometrial cancer “. Faculty and expert panels, case presentations; complicated cases. 1st Indian Cancer Congress. New Delhi, India, November 21-24.
- 2013 **K Narayan**, “Radiotherapy in Vulvar Cancer”. Australia New Zealand Gynaecological oncology group National Conference. Gold Coast, Australia, March 20 – 23.
- 2013 **K Narayan**, “Locally advanced cervix cancer, patterns of failure and implications for future clinical studies”. The 2nd Ramathibodhi Cancer Centre Conference, Innovation in cancer management. Bangkok, Thailand, 28 – 31 January.
- 2013 **K Narayan**, “Ultrasound based conformal brachytherapy of cervix cancer, a low tech and high precision procedure”. The 2nd Ramathibodhi Cancer Centre Conference, Innovation in cancer management. Bangkok, Thailand, 28 – 31 January.
- 2012 **K Narayan**, “Patterns Of Failure And Treatment---Related Toxicity In Advanced Cervical Cancer”. Progress and Controversies In Gynaecologic Malignancies, 11th Shaukat Khanum Memorial Cancer Symposium Lahore, Pakistan, 11- 13 November.
- 2012 **K Narayan**, “Clinical behaviour of cervical cancer”. Progress and Controversies In Gynaecologic Malignancies, 11th Shaukat Khanum Memorial Cancer Symposium. Lahore, Pakistan, 11- 13 November.
- 2012 **K Narayan**, “Gynaecological Radiation Oncology training at Peter MacCallum Cancer Centre, Melbourne, Australia”. 7th congress of oncologists of Central Asian countries. Astana, Kazakhstan,
- 2012 **K Narayan**, “Lymph-node metastasis in Cervix Cancer”. 7th congress of oncologists of Central Asian countries. Astana, Kazakhstan, September 5-7.
- 2012 **K Narayan**, “Gynaecology Radiation Oncology as a career”. Faculty of Radiation Oncology (ANZCR) Annual Scientific Meeting. Cairns, Australia. 26 – 28 July.
- 2012 **K Narayan**, “Gynaecology Radiation Oncology rotation for radiation oncology trainees”. Faculty of Radiation Oncology (ANZCR) Annual Scientific Meeting.

- Cairns, Australia, 26 – 28 July.
- 2011 **K Narayan**, “Ultrasound Guided Brachytherapy of cervix cancer”. Army hospital research and referral centre.
Delhi Cant, India, 8 December.
- 2011 **K Narayan**, “Gynae Onco Symposium : Prognostic factors in endometrial cancer”. 33rd Annual National Conference of the Association of Radiation Oncologists of India.
Jaipur, India, November 24-27.
- 2010 **K Narayan**, “Cervix cancer spread at presentation, treatment, patterns of failure and future direction.” 32nd Annual conference of the Association of Radiation Oncologists of India,
Patna, India, 25 – 28 November.
- 2010 **K Narayan**, “Cervix cancer spread at presentation, treatment, patterns of failure and future direction.” 32nd Annual conference of the Association of Radiation Oncologists of India,
Patna, India, 25 – 28 November.
- 2010 Lectures 1) Clinical biology of advanced cervix cancer. 2) Prognostic factors and adjuvant therapy of endometrial cancer.
Master class, “Ultrasound guided conformal brachytherapy of cervix cancer”. 1st Central Asian Gynaecologic Oncology and the 50th Anniversary of the Kazakh Institute of Oncology & Radiology.
Almaty, Kazakhstan, 10 – 13 November.
- 2010 **K Narayan**, “Clinical biology of advanced cervix cancer.” 61st Annual scientific meeting of the Royal Australasian College of Radiologists.
Perth, Australia, 14 – 17 October.
- 2010 Lecture, “MRI staging of Cervix Cancer”. Looking back - Moving forward, 25th Annual Scientific Meeting of Australian Society of Gynaecologic Oncology.
Bunker Bay, Western Australia, 23 – 28 March.
- 2009 As an ANZGOG cervix group nominee to Cervix State of the Science Meeting, “Building global consensus for cervical cancer treatment trials”.
Manchester, UK. June 18 & 19.
- 2008 Lecture, “Impact of Imaging in Outcome of Cervical Cancer”. 30th Annual conference of the Association of Radiation Oncologists of India.
Mumbai, India, 27 – 30 November.
- 2008 As a discussant, Advances in imaging, 12th Biennial Meeting, International Gynaecologic Cancer Society.
Bangkok, Thailand, October 25.
- 2007 As a discussant for the planning of cervix cancer clinical studies. National Cancer Institute, cervix cancer state of science meeting.
Bethesda, Washington, 27 – 28 September.
- 2007 Lecture, “ Problems with FIGO staging of Cervix Cancer”. International Centre, International Atomic Energy Agency.

Vienna, September 25.

- 2007 Brachytherapy of cervix cancer, Radiation Oncology, Ramathibodhi Hospital. Bangkok, Thailand, October 19.
- 2007 Invited lecture, "Conformal radiotherapy of cervix cancer", Department of radiotherapy, University hospital. Singapore, 5 March.
- 2006 Invited speaker, "Ca cervix: MRI and PET for staging – Pro and Con." Interactive session. Eleventh Biennial Meeting of the IGCS. Santa Monica, California, October 14-18.
- 2006 Invited lecture, "Tumor growth, invasion, metastases and patterns of relapse in cervical cancer." Department of Therapeutic Radiology, Yale University School of Medicine. New Haven, USA, 12 October.
- 2006 Lectures, operating theatre demonstration of cervix cancer brachytherapy, registrar tutorials at Tata Memorial Cancer Centre. Mumbai, India, 6 – 9 March.
- 2006 Invited lecture and panel discussion, "management of cervix cancer". Bhagwan Mahaveer Cancer conference II. Jaipur, India, 4 -5 March.
- 2006 Invited lecture, "Pattern of failure in Cervical Cancer". Department of Radiation Therapy, M.S. Ramaiah Medical College & Hospital. Bangalore, India 25th February.
- 2005 K Narayan, IGCS Global women's cancer initiative, Meet the expert session, 6th Annual Meeting of the International Network For Cancer Treatment and Research. Chennai, India, 10 – 13 December.
- 2004 Invited Lecture, "Dosimetric Considerations in Radiotherapy Planning", Van Dyk S and **Narayan K**, XI Biennial Conference of Indian Society of Oncology (ISO) and XIII Biennial Conference of Indian Society of Medical and Paediatric Oncology (ISMPO). Bangalore, India, October 7 – 10.
- 2004 Invited Lecture, "Cancer – host interaction and implication for therapy", XI Biennial Conference of Indian Society of Oncology (ISO) and XIII Biennial Conference of Indian Society of Medical and Paediatric Oncology (ISMPO). Bangalore, India, October 7 – 10.
- 2003 Invited lecture, "Optimised Radiation Dose To The Tumour Volume In Cervical Cancer." S Van Dyk, R Das, D Bernshaw and **K Narayan**. 25TH Annual conference of the Association of Radiation Oncologists of India. KOCHI, India, 20 – 23 November
- 2003 Invited lecture, "A Phase II Study Of External Beam Radiotherapy And Endovascular Brachytherapy With Pta And Stenting For Femeropliteal Artery Restenosis.". **Dr. K**

- Narayan**, Dr. M Denton, Dr. R Das and Ms. S van Dyk. 25TH Annual conference of the Association of Radiation Oncologists of India, KOCHI, India, 20 – 23 November.
- 2003 Invited lecture, “Does radiation therapy have a specific role in ovarian cancer management strategies? ”. D Bernshaw and **K Narayan**. 25TH Annual conference of the Association of Radiation Oncologists of India. KOCHI, India, 20 – 23 November.
- 2003 Invited lecture, “Prognosticating Cervical Cancer”. **K Narayan**, D Bernshaw, R Das, S vanDyk. 25TH Annual conference of the Association of Radiation Oncologists of India. KOCHI, India, 20 – 23 November.
- 2003 Invited lectures, “The Role of MRI and PET in Staging of Carcinoma of Cervix”. “Conformal Brachytherapy in the Management of Carcinoma of Cervix”. Cancer Care Education & Research Conference Internationale. Hyderabad, India, August 23 -25.
- 2003 Guest lecture on the “Conformal Brachytherapy on carcinoma of Cervix Cancer.” AROI Karnataka State Chapter, Kidwai Memorial Institute of Oncology. Bangalore, India, 20 August.
- 2002 Meet the professor session - New Techniques in Radiation. Planning, 9th Biennial International Gynecologic Cancer Society Meeting. Seoul, Korea.
- 1998 P K Haldar memorial lecture. Combined modality treatment of cancer: Application in H&N and Gynaecological cancers. Annual scientific meeting of Association of radiation oncologists of India Bhuvaneshwer, India, 3 – 5 December.
- 1997 CME lecture “Newer Strategies: Cervical Cancer”. MRI of cervix cancer. Annual scientific meeting of Association of radiation oncologists of India Indore, India, 26 – 28 December.
- 1989 Invited talk, Gray Laboratory Seminar “Irradiated microvasculature”. CRC Gray Laboratory, Mount Vernon Hospital, 28th June.