

CURRICULUM VITAE

Name: Hacking, Dayle Jeremy Harold

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EDUCATION and TRAINING

School Education:

Primary: (1965-1969) St Michael's Preparatory School, Harare, Zimbabwe

Intermediate: (1970 – 1971) Hartmann House, Harare, Zimbabwe

Secondary: (1971 – 1977) St George's College, Harare, Zimbabwe

Examinations: Ordinary, Matric and Advanced level examinations of the Associated Examining Board, British General Certificate of Education (GCE).

Military Service:

(1978) Served one year of National Service with the Rhodesian Air Force as a Medical Assistant at Thornhill Air Base, Gwelo.

Undergraduate Education:

1979 - 1983 University of Rhodesia - Zimbabwe

Year	Professional Examinations taken	Grade
1979	Biochemistry	Distinction
1980	Anatomy Physiology	Distinction Honours
1982	Pathology Pharmacology Community Medicine	Honours Honours Honours
1983	Medicine Paediatrics Surgery Obstetrics & Gynaecology	Honours Pass Pass Pass

- 1982 Elective period:3 months served at St Vincent's Hospital, Ballsbridge, Dublin, Ireland in the department of Medicine under Professor Oliver FitzGerald
- 1983 Degree of MB ChB awarded 18 November 1983, University of Rhodesia/Zimbabwe
- 1983 Scottish Triple (Conjoint) Qualification - (LRCS (Edin), LRCP (Edin), LRCP&S (Glasgow) passed in December 1983.

Postgraduate Career:

- 1984 Internship served at the Grey's/Northdale Hospital Complex, Pietermaritzburg, South Africa
General Surgery/Internal Medicine/Orthopaedics
- 1985 Medical Officer at the Grey's/Northdale Hospital Complex, Pietermaritzburg, South Africa
- January – June Orthopaedics
July – December General Surgery
- 1986 Registrar, Department of Surgery, University of Natal, Durban, South Africa
- January – May General Surgery, King Edward Hospital
June Vascular Surgery, Addington Hospital
- 1987 Registrar, Department of Radiotherapy and Oncology
University of Natal, Durban, South Africa
- July 1986 until June 1990
- 1990: Further exams passed:
- F.F. Rad (T) (SA) Part I – October 1987
Part II – October 1987
Part III – March 1990
- M.Med (Onc) Natal Final May 1990 - Awarded Cum Laude
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APPOINTMENTS and POSITIONS

- June 1990 – April 1991: Consultant in Departments of Medical Oncology and Radiation Oncology – Royal University of Saskatchewan, Saskatoon, Canada
- May 1991 – June 30 1992: Consultant Radiotherapist/Oncologist Clinical Trial and Academic Co-ordinator Department of Radiotherapy & Oncology, Addington Hospital, Durban, South Africa
- 1992 to 2006: Private Specialist Radiation Therapist & Oncologist, Durban Oncology Centre Durban, South Africa
- 2005 Nov/Dec: Locum Consultant Radiation Oncologist, St Luke's Hospital Dublin, Ireland
- 2006 July – Present: Consultant Radiation Oncologist, University of Pittsburgh Medical Centres (UPMC) Ireland Whitfield Clinic Waterford Republic of Ireland
- 2009 – 2014: Associate Medical Director at UPMC Whitfield Cancer Centre in Waterford, Ireland
- 2014 – Present: Medical Director at UPMC Whitfield Cancer Centre in Waterford, Ireland
- 7/2016 – Present: Visiting Clinical Professor of Radiation Oncology, University of Pittsburgh School of Medicine
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CERTIFICATION and LICENSURE

Professional Registration:

South African Medical & Dental Council (Number: MP 0271209)

1. As Medical Practitioner 1 January 1985
2. As Specialist Radiotherapist and Oncologist 30 June 1990

General Medical Council (Britain) – Full Registration (GMC Reference Number: 6123216)

Irish Medical Council – Full Registration (Reference Number – 240220)

College of Physicians and Surgeons of Saskatchewan – Special Registration as a Radiation Oncologist (Number: 7620) – for 1990-1991

MEMBERSHIP in PROFESSIONAL and SCIENTIFIC SOCIETIES

Society Memberships:

1. Medical Association of South Africa
2. South African Society of Clinical & Radiation Oncology (SASCRO)
3. South African Society of Medical Oncology

4. South African Lymphoma Society
 5. American Society of Radiation Oncology (ASTRO)
 6. Cancer Trials Ireland
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HONORS

Awards/Achievements:

- 1979 Harry Wulfohn Prize and Medal for top student and top distinction mark in Biochemistry.
- 1980 Harry Wulfohn Prize and Medal for top student in Anatomy.
Chosen as one of the final six candidates for the Zimbabwe Rhodes Scholarship – subsequently unsuccessful.
- 1981 Davidson Class Prize for Medicine.
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PUBLICATIONS

1. “Acquired Immuno-deficiency Syndrome and Cancer” – New Sask Medical Journal – April 1991.
 2. “Efficacy and Safety of Gemcitabine in Non-Small Cell Lung Cancer. Phase II Study results” – R Abratt, W Bezwoda, L Goedhals, D J Hacking, Proc ASCO Vol 11, March 1992 (Peer reviewed)
 3. “Systemic Adjuvant Therapy for Early Breast Cancer” – Dr D J Hacking, Specialist Medicine, August 1994
 4. “Efficacy and Safety Profile of Gemcitabine in Non-Small Cell Lung Cancer: A Phase II Study - R Abratt, W Bezwoda, G Falkson, L Goedhals, D J Hacking, T Rugg, J Clin Oncol 12: 1535 – 1540. August 1994. (Peer reviewed)
 5. “Weekly Gemcitabine with monthly Cisplatin – Effective chemotherapy for Advanced Non-Small Cell Lung Cancer” – R Abratt, W Bezwoda, L Goedhals, D J Hacking: J. Clin Oncol, 15: 744-749. February 1997. (Peer reviewed)
 6. “Molecular diagnosis of Multiple Endocrine Neoplasia: - R.J Pagararo, D J Hacking, R H Buck, L Ron, P A Lanning, G M B Berger, S.A.M.J. 1997 (Peer reviewed)
 7. “A Phase II Trial of Taxotere in Malignant Pleural Mesothelioma”, DA Vorobiof, MR Chasen, RA Abratt, BL Rapoport, N Cronje, D Hacking, L Fourie – IASLC 2000
 8. “A Phase II Trial of Taxotere in Malignant Pleural Mesothelioma”, DA Vorobiof, MR Chasen, RA Abratt, BL Rapoport, N Cronje, D Hacking, L Fourie – ASCO 2000 (Peer reviewed)
 9. “PEGylated Liposomal Doxorubicin (Caelyx) in Advanced Metastatic and Unresectable Hepatocellular Carcinoma” – P Ruff, SD Moodley, BL Rapoport, MR Chasen, C Jacobs, D Hacking and DA Vorobiof – ASCO 2000 (Peer reviewed)
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PRESENTATIONS

1. "The use of Cockcroft–Gault formula for the estimation of renal function in patients receiving chemotherapy" – Poster at Twelfth National Congress of the South African Society of Radiotherapists, November 1988, Thaba N'Chu.
2. "Simulation for tangent field breast irradiation – a novel isocentric technique using independent collimation" – Poster at the Combined Congress of the South African Society of Medical Oncologists and the South African Society of Radiotherapists, April 1992, Drakensberg Sun Hotel.
3. "Locally advanced breast cancer – neo-adjuvant chemotherapy" – G A Landers, D J Hacking, Poster at the Combined Congress of the South African Society of Medical Oncologists and the South African Society of Radiotherapists, April 1992, Drakensburg Sun Hotel.
4. "Chemotherapy and Immunotherapy in Malignant Melanoma" – M J Morgan, D J Hacking, Poster at the Combined Congress of the South African Society of Medical Oncologists and the South African Society of Radiotherapists, April 1992, Drakensburg Sun Hotel.
5. "CA 549 – a tumour marker in breast cancer" – D J Hacking, E Bleske, T Houlder, V James, Poster at the Combined Congress of the South African Society of Medical Oncologists and the South African Society of Radiotherapists, April 1992, Drakensburg Sun Hotel.
6. "The role of the General Practitioner in the management of cancer patients" Dr D J Hacking, Proceedings of the Cancer Association Symposium on the Bio-psychosocial management of the Cancer Patient, The Cutty Sark Hotel, Scottburgh, Natal, July 1992.
7. "A Phase II Trial of Taxotere in Malignant Pleural Mesothelioma", DA Vorobiof, MR Chasen, RA Abratt, BL Rapoport, N Cronje, D Hacking, L Fourie – SASMO / SASRO, Pretoria, 17-19 March 2000
8. "PEGylated Liposomal Doxorubicin (Caelyx) in Advanced Metastatic and Unresectable Hepatocellular Carcinoma" – P Ruff, SD Moodley, BL Rapoport, MR Chasen, C Jacobs, D Hacking and DA Vorobiof – SASMO / SASRO Congress, Pretoria, 17-19 March 2000
9. Four-Field Planned Breast Irradiation Technique – Planning + Irradiation - SASMO / SASRO Congress, Pretoria, 19-19 March 2000
10. Combined therapy for Bronchial Carcinoma – Invited speaker – Combined Congress of Critical Care Society and Pulmonology Society, 24 July 2000.
11. "Real Time Prostate Brachytherapy" – DJ Hacking, TM Mackenzie, G Lazarus. Oral and Poster Presentation – SA Society of Clinical and Radiation Oncology Meeting, March 2005-05-22.
12. Interstitial Prostate Brachytherapy - long term outcomes & dose response" – D J Hacking. Oral Presentation at the GEC-ESTRO Brachytherapy meeting (Bard Symposium), Budapest, Hungary – May 2005.
13. "Indications for Prostate Brachytherapy" – Invited Lecture - Prostate Brachytherapy Training Course – Hannover University Medical School – December 2005

14. "Review of Low Dose Rate Prostate Brachytherapy" – Invited Lecture - Annual Walsh Uro-Oncology Symposium – Dublin March 2007
15. "The Armpit of Confusion – The Role of Radiotherapy in the Management of the Regional Lymph Nodes in Breast Cancer. Invited Lecture – 14th Mater International Breast Cancer Meeting – Dublin, October 2011
16. "Brachytherapy – an Update" – Invited Lecture, 9th International Meeting of the European Association of Urology, Nursing, Milan, March 2013
17. "Prostate Brachytherapy – Overview" – Invited lecture, RCSI Faculty of Radiologists, Annual Scientific Meeting, Dublin September 2013
18. Invited Speaker Anthony Walsh Symposium, Royal College of Surgeons of Ireland, February 2015 – Topic – "The Role of Radiotherapy in the Treatment of Locally Advanced and Metastatic Prostate Cancer"
19. "ZD0473 phase II monotherapy trial in second-line ovarian cancer" – M Gore, RJ Atkinson, L Dirix, D Rischin, P Beale, P Harnet, D Hacking, H Cure and J Cosaert - A Poster discussion at the European Cancer Conference (ECCO 11) held in Lisbon, October 2001.

CONGRESSES / MEETINGS ATTENDED:

1. University of Cape Town Summer School: Computers in Medical Research, February 1988.
2. Twelfth National Congress of South African Society of Radiotherapists, November 1988, Thaba N'Chu

Paper presented at this Congress titled:

"The use of the Cockcroft-Gault formula for the estimation of renal function, in patients receiving chemotherapy".

This paper was awarded the prize for the best registrar paper at the Congress (Abstract enclosed). This consisted of a sponsored visit/lecture tour of the five other major Radiotherapy/Oncology departments in South Africa – taken in January/February 1989.
3. Thirteenth National Congress of the South African Society of Radiotherapists, April 1990, Transkei
4. Symposium on Management of Cancer Pain, Westfields International Conference Centre, Westfields, Virginia, USA, September 1990.
5. Combined Congress of the South African Society of Medical Oncologists and the South African Society of Radiotherapists, April 1992, Drakensburg Sun Hotel.
6. Cancer Association of South Africa, Symposium on Community Cancer Care, Cutty Sark Hotel, Scottburgh, Natal: July 1992 – Invited Speaker.
7. 8th NCI/EORTC Symposium of New Drugs in Cancer Therapy – Amsterdam, March 1993

8. International Association for the Study of Lung Cancer – Conference, Colorado Springs, Colorado – June 1994.
9. Combined Congress of S.A Society of Medical Oncologists & S.A. Society of Radiation Oncologists, Sept 1994, Thaba N'Chu South Africa
10. Combined Congress of S.A. Society of Medical Oncologists & S.A. Society of Radiation Oncologists, March 1996, Durban, South Africa.
11. ASCO, 33rd Annual Meeting of The American Society of Clinical Oncology, Denver, Colorado, 17-20 May 1997
12. 6th International Conference on Adjuvant Therapy in Breast Cancer, St. Gallen, Switzerland, February 1998
13. Combined SASMO / SASRO and SALSG Congress - Arthur's Seat Hotel, Cape Town, 2-6 October 1998
14. ESTRO / ISRO Teaching Course on Evidence-based Radiation Oncology: Principles and Methods – Breakwater Lodge, UCT Waterfront Campus, Cape Town, South Africa, 10-14 March 1999
15. Prostate Brachytherapy Teaching Course – The Yorkshire Regional Centre for Cancer Treatment Cookridge Hospital, Leeds, 25-26 March 1999
16. EORTC-FFCD Joint Meeting – Liver and Gastro-Intestinal Tract Cancers - Hôtel Méridien Etoile, Paris, France, 23-26 June 1999
17. ECCO 10 – European Cancer Conference - Vienna, 12-16 September 1999
18. Combined Congress Critical Care Society and Pulmonology Society Incorporating Thoracic Surgery, International Convention Centre, Durban, South Africa, 23-27 July 2000
19. SASMO / SASRO Congress – CSIR, Pretoria, 17-19 March 2000
20. ASCO, 36th Annual Meeting of the American Society of Clinical Oncology - New Orleans, USA 20-23 May 2000
21. 9th Biennial Congress, South African Lymphoma Society Group, Cape Town, 27-29 October 2000
22. ECCO 11 – European Cancer Conference – Lisbon, 21-25 October 2001
23. 8th International Conference on Malignant Lymphoma – Lugano, Switzerland, 12-15 June 2002
24. Oncology Consultative Committee Meeting – Melia Beach Hotel, Bali, 6-7 July 2002
25. Current Breast Cancer Management (European School of Oncology) – Johannesburg, South Africa 22-23 November 2002
26. 3rd European Breast Cancer Conference – Barcelona, Spain, 19-23 March 2003
27. Radiation Safety Training Course – Durban, 21-23 October 2003

28. Advances in Radiation Oncology (International Society of Radiation Oncology Teaching course) – Cape Town 10-14 March 2004
29. AUA 2004 – American Urology Society – San Francisco, May 2004-08-18
30. GEC-ESTRO – Brachytherapy Meeting – Barcelona, Spain, May 2004
31. SASMO/SASCRO meeting – Wild Coast Sun, South Africa. March 2005
32. GEC-ESTRO Brachytherapy Meeting, Budapest, Hungary – May 2005.
33. International Association for the Study of Lung Cancer – Conference, Barcelona, Spain – July 2005
34. Prostate Brachytherapy Training Course – Hannover University Medical School – December 2005
35. 20th Annual Waterford Surgical Club Meeting – Waterford Institute of Technology, Waterford – October 2006.
36. Annual Walsh Uro-Oncology Symposium – Dublin March 2007
37. European Urology Association Meeting – Berlin March 2007
38. ECCO 14 Meeting - Barcelona, September 2007
39. 1st Nottingham & Galway International Breast Cancer Meeting – Galway, Ireland June 2008
40. RCSI, Faculty of Radiology, Annual Scientific Meeting – Adjudicator, Dublin, September 2008
41. RCSI, Faculty of Radiology, Annual Scientific Meeting – Adjudicator, Dublin, September 2009
42. RCSI, Faculty of Radiology, Annual Scientific Meeting – Adjudicator, Dublin, September 2010
43. ASCO Annual Breast Cancer Symposium, National Harbor, MD, USA, November 2010
44. European Society of Oncologic Urology (ESOU) Meeting, London, February 2011
45. Annual Radiation Oncology Review Meeting, The G Hotel, Galway, April 2011 – Chairperson
46. 14th Annual Mater International Breast Cancer Meeting – Speaker, Dublin, October 2011-11-10
47. European Multidisciplinary Urology Meeting – Barcelona, November 2011
48. Bard Europe Prostate Brachytherapy Teaching Course – Cologne, February 2012
49. RCSI, Faculty of Radiology, Annual Scientific Meeting – Dublin, September 2012
50. ASTRO Annual Scientific meeting, Boston Convention Centre, October 2012

51. RCSI, Faculty of Radiology, Annual Scientific Meeting – Dublin, September 2013 – Speaker
52. European Cancer Conference, Amsterdam, October 2013
53. Forum on Treatment of Hormone Refractory Prostate Cancer, Janssen Pharma, Copenhagen, October 2013
54. Attendee and Chairperson at the UK & Ireland Prostate Brachytherapy Conference, Dublin, March 2014
55. European Society of Oncologic Urology (ESOU) Meeting, Munich, January 2015
56. Invited Speaker Anthony Walsh Symposium, Royal College of Surgeons of Ireland, February 2015 – Topic – “The Role of Radiotherapy in the Treatment of Locally Advanced and Metastatic Prostate Cancer”
57. Attendee and Chairperson at the Inaugural John Fitzpatrick Irish Prostate Cancer Conference, Dublin, April 2015
58. European Society of Oncologic Urology (ESOU) Meeting, Warsaw, January 2016
59. RCSI, Faculty of Radiology, Annual Scientific Meeting – Adjudicator, Dublin, September 2016
60. ASTRO Annual Scientific meeting, Boston Convention Centre, September 2016

PROFESSIONAL ACTIVITIES

Teaching:

1. Tutoring of Medical Students at the University of Zimbabwe – Physiology - 1979
2. Tutoring of Undergraduate Medical Students at the University of Natal – Anatomy - 1979
3. Lecturing of Therapy Radiographers at the Addington School of Radiography – Oncology-related Anatomy, Physiology and Pathology, and Radiobiology – 1987-1990
4. Computer programming for the research databases in the Department of Radiotherapy and Oncology 1987-1990
5. Co-ordination of the Registrar training programme, trial activity and academic activity of the Department of Radiotherapy and Oncology - 1991
6. Development of Chemotherapy and Oncology management software programs for commercial use - 2002
7. Ongoing organisation of regular academic meetings, journal clubs and case presentations for the Durban Oncology centre covering topics in both Radiation and Medical Oncology. 1991 - 2006
8. Participation in e-rounds organised by UPMC Radiotherapy Faculty as an Attending Physician – 2006 – to present.

9. Teaching of Registrars (Residents) from the University Hospital Waterford (Medical Oncology & Palliative Medicine), on rotation; orientation to Radiation Oncology. 2006 - 2017

Research:

1. Supervisor for Clinical Pharmacology Masters Theses University of Natal, Durban Westville
 - "The Pharmacokinetics of Intravenous and Oral Etoposide (VP-16) in Cancer Patients" – Beverley L. Phillips 1998
 - "Comparison on Ondansetron and Tropisetron" sequencing and selectivity in Platinum induced nausea and vomiting" – Candy Day 2000
2. Supervisor – Masters in General Practice Thesis, University of Natal
"Opioid prescribing habits in palliative medicine – Dr Kelvin Bengtson 2002
3. External Examiner for M.Phil Palliative Medicine Dissertation – University of Cape Town.
"Use of Implantable Venous Access Devices for Children with Cancer" – Dr Martin Chasen 2003
4. Supervisor for M.Tech. Thesis - Durban Institute of Technology, Ms Yogi Govender – Senior Planning Radiographer, Parklands Hospital, Durban. "A Blind comparison of Standard Manual and CT Based 3D Planning for 4 field Breast Radiotherapy" 2005
5. Principal Investigator, Durban Oncology Centre for Phase II & III Clinical Trials for Investigational Agents involving:
 - i) 1996/2001: Astra-Zeneca – 7054IL/0024 – Prostate Cancer – **CAPRI STUDY** Casodex (CTR)
 - ii) 1998/2001: Astra-Zeneca – 1033IL/0029 – Breast Cancer – **ATAC STUDY** Arimidex / Tamoxifen alone or in combination. (CTR)
 - iii) 1999/2001: Roche – M66100 – Breast Cancer – Xeloda (CLOSED)
 - iv) 2000/2001: Astra-Zeneca – 1839IL/0014 – Lung Cancer – Iressa / Gemzar / Platinum vs. Placebo / Gemzar / Platinum (CLOSED)
 - v) 2000/2001: Astra-Zeneca – 1839IL/0016 – Lung Cancer – Iressa (CLOSED)
 - vi) 2000/2001: Astra-Zeneca – 0473II/0002 – Ovarian Cancer – ZD0473 (CLOSED)
 - vii) 1999/2001: Astra-Zeneca – Petacc – 1694/0022 – Colon Cancer – Tomudex vs. Isovorin/5FU (CLOSED)
 - viii) 1999/2001: Novartis – 4244603010 – Zoledronate 010 E (Core and Extended) - Breast Cancer or Myeloma with bony lesions - Aredia vs. Zoledronate (CLOSED)
 - ix) 2000/2001: Quintiles – RP5697V-327 – Prostate Cancer – Taxotere + Prednisone either weekly or 3 weekly vs. Mitoxantrone + Prednisone (CTR)
 - x) 2000/2001: Roche – M77999 – Breast Cancer – Herceptin (CLOSED)
 - xi) 2000/2001: RPR – RP 64174 V-307 – Colon Cancer – CPT-11 + 5FU vs. 5FU alone (CLOSED)
 - xii) 2000/2001: Tema Medical – 9 PM 259 96 CA 201 – Breast Cancer – Oral Vinorelbine (CLOSED)
 - xiii) 2001: BCIRG – 005 – Breast Cancer – TAC vs. AC then T (CLOSED)
 - xiv) 2001: BCIRG – 006 – Breast Cancer - AC then T vs. AC then TH vs. TCH (CLOSED)
 - xv) 2001: Eli-Lilly – B9E-MC-JHRW – Ovarian Cancer – Gemzar + Carboplatin (CLOSED)
 - xvi) 2000/2001: Janssen Cilag: R115777-INT-16 – Pancreas Study – Gemzar + Placebo vs. Gemzar + R115777 (CLOSED)

- xvii) 2000/2001: Manheim Boehringer – Breast Cancer – MF4434 – Ibadronate (CLOSED)
- xviii) 2002: Aventis – CPT-GMA-301 – Colorectal – CPTII+5FU/FA vs. 5FU/FA (**OPEN**)
- xix) 2002: Orion – PC4 – Pancreatic Cancer – Gemzar + G17DT vs. Gemzar + Placebo (CLOSED)
- xx) 2002: RDDA – NCIC CTG BR.21 – Lung Cancer – OSI-774 (Erlotinib) vs. Placebo (CTR)
- xxi) 2002: Sanofi-Synthelabo – EFC4972 – Colorectal Cancer – Oxaliplatin + 5FU/LV and Oxaliprodien or Placebo (**OPEN**)
- xxii) 2003: Celgene – Melanoma – CDC-501-MEL-002 – CC5013 vs. Placebo (**OPEN**)

CTR = Closed to Recruitment.

6. Investigator – Principal and Co-Investigator for Irish Co-Operative Research Group (ICORG) – 2006 until present. Trials undertaken:

- Supremo – Post mastectomy radiotherapy for women with 1-3 axillary lymph nodes involved; PI for local site
- Spinal Cord Compression Trial - Randomised Phase 2 trial of 8 Gy vs 10 Gy single fraction for spinal cord compression. Co- Investigator – trial presented orally in the Plenary Session of ASTRO in 2015 by Colleague.
- 3D Conformal planning for Palliative RT to locally advanced, incurable lung cancer – co-Investigator. Publication submitted to the Red Journal for 2017.

7. Ongoing in-house investigations/trials.

Service:

- 1. 2001 - present Oncology Advisory Board Member – Aventis South Africa
- 2. 1999 - present Oncology Consultative Forum member – Astra Zeneca South Africa
- 3. 2004 Lilly Oncology – Thought Leader Program Representative – South Africa – Mesothelioma
- 4. May 2004 Accredited Prostate Brachytherapy Proctor – Bard International Brachytherapy Division

Special Interest:

I have developed a special interest in Prostate Cancer and more recently in Prostate Brachytherapy. I work with a team set up by myself and a Urologist Colleague employing the Bard Proseed method of Real Time Ultrasound Guided Permanent Seed implant as developed by Professors Stone and Stock of the Mount Sinai Hospital in New York.

A process of proctoring teaches this system and our training was conducted by Dr Jeff Chircus and Dr Mitch Terk both of the United States, starting in August 2003. We were the first centre in South Africa to embark on this technique of Prostate Cancer Treatment. Accreditation was obtained after completing the treatment of the first 11 patients. We subsequently treated 302 patients with this technique and were invited to attend a Master Class given by Professor Stone, which took place in Barcelona immediately following the European Brachytherapy Meeting in May 2004.

We were accredited as Proctors for the procedure and are called upon, by Bard, to teach the technique to centres starting up in Europe, the Middle East & Africa.

Social Pursuits:

Music Classical, Jazz and Contemporary

Hobbies Woodworking/Cabinet making/Computers



11/04/2017