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Present Title & Affiliation

Assistant Professor of Radiation Oncology, Department of Radiation Oncology, Faculty of Medicine, American University of Beirut Medical Center, Beirut, Lebanon.

Program Director of the Department of Radiation Oncology, Department of Radiation Oncology, Faculty of Medicine, American University of Beirut Medical Center, Beirut, Lebanon

Assistant Professor of Radiation Oncology, Department of Radiation Oncology, University of Central Florida, College of Medicine, Orlando, Florida

Education

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| 2006 | American Board Certification in Radiation Oncology |
| 2001 | American Board Certification in Internal Medicine |
| 1999 | French "University Diploma" in Forensic Medicine: Saint-Joseph University, Beirut, Lebanon and CHU Rouen, France. |
| 1998 | Medical Doctor: Saint-Joseph University, Beirut, Lebanon. |

Academic Experience & Services

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| 2014 | Faculty Staff at the Department of Radiation Oncology at the Florida Hospital, Orlando, Florida |
| 2009 - 2013 | Radiation Oncology Consultant at the North Collier Hospital Health Care System (Mayo Clinic affiliate), Naples, Florida |
| 2009 - 2014 | Radiation Oncology Consultant at the Physicians Regional Healthcare System, Naples, Florida |
| 2009 - 2014 | Radiation Oncology Consultant at Premiere Oncology, Naples, Florida |
| 2008 - 2009 | Clinical Assistant Professor of Radiation Oncology, Department of Internal Medicine, University of North Dakota, School of Medicine and Health Sciences, Fargo, North Dakota |
| 2005 - 2009 | Faculty Staff at the Department of Radiation Oncology, Roger Maris Cancer Center, Sanford Health System, Fargo, North Dakota |

Areas of Interest

- 3D Conformal technique.
- Orthovoltage superficial treatment.
- Electron Therapy.
- Low Dose Rate Prostate seeds implant.
- Intensity Modulated Radiation Therapy of different body sites.
- RapidArc® IMRT of different body sites.
- High Dose Brachytherapy and Interstitial implants of Breast.
- High Dose Brachytherapy and Interstitial implants of Prostate.
- Single and Multi lumen Mamosite® and Contoura® High Dose Rate Brachytherapy of the Breast.
- High Dose Brachytherapy of the uterus, cervix, vaginal cavity, esophagus, rectum, biliary duct, bronchus, skin...
- Brain Radiosurgery: frame and frameless technique.
- Image Guided Radiation Therapy: OBI, Calypso® and CBCT.
- Stereotactic Body Radiation Therapy.
- TrueBeam STx.
- I am the first radiation oncologist worldwide to use the new Varian® Capri® High Dose rate applicator for the treatment of rectal cancer: April 2011.

Peer-Reviewed Publications

Articles

1. [18F]-FDG uptake dose-response correlates with radiation pneumonitis in lung cancer patients. McCurdy MR, Castillo R, Martinez J, Al Hallak MN, Lichter J, Zouain N, Guerrero T. Radiotherapy and Oncology. (The Green Journal) 2012 Jul;104(1):52-7. doi: 10.1016/j.radonc.2012.04.003. Epub 2012 May 10.
2. Raval M, Zouain N: "The effectiveness of high dose rate brachytherapy using a special applicator set with external beam radiation treatment and chemotherapy followed by surgery as a treatment of adenocarcinoma of the esophagus: A case series of single institution with literature review". Journal of Cancer Research and Experimental Oncology Vol. 3(1), pp. 1-7, January 2011.
3. Al Hallak M.N, Zouain N: "Cervical and Vulvar Intraepithelial Neoplasia after treatment with oral isotretinoin for severe acne vulgaris: A Case Report". Case Rep Dermatology 2009; 1:49-51.
4. Al Hallak M.N, Zouain N: "Extramammary Perineal Paget's disease". Case Rep Gastroenterology 2009; 3: 332-337.
5. Al Hallak M.N, Zouain N, McCurdy M, Hayes J: "The level of Europium-154 contaminating the 153Samarium-EDTMP activates the radiation alarm system at the US Homeland Security checkpoints". Case Rep Oncology 2009 ; 2 :157-161.).
6. Hayes J, Pfund J, Zouain N: "Detection of Europium-154 in Patients Post Samarium-153 EDTMP Therapy Using a Clinical Gamma Camera". Health Physics; 98(3): 537-541; 2010.
7. McCurdy M, Zouain N: "Successful treatment of primary vaginal papillary serous adenocarcinoma using chemoradiation followed by brachytherapy". Case Rep Oncology: 2009;2:97-102.

Abstract

1. Sturgeon J, Zouain N: "A Survey of Androgen Deprivation Patterns of Practice in Prostate Cancer by Radiation Oncologists in the United States". Presented as an Abstract and Poster at the ASTRO Annual meeting in 2011 in Miami, Florida.
2. M.R McCurdy, T. Guerrero, N. Zouain, V. Johnson: "Radiation Pneumonitis: Pulmonary Metabolic Response to Radiation in Lung Cancer Patients". Presented as an Abstract and Poster at the ASTRO Annual meeting 2009 in Chicago, Illinois.
3. "Case report of vaginal primary cancer treated with radiation treatment IMRT and HDR Brachytherapy and concomitant chemotherapy": a presentation at the annual meeting of University of North Dakota, School of Medicine. T
4. "The role of autopsy as quality improvement and teaching tool": American College of Physician national meeting of 1999.
5. "The Minimally Invasive Autopsy": Richmond Medical Community and American College of Physician local meeting, New York 2000.

Review

Practice guidelines review for the treatment of Non-Small Cell Lung Cancer.

"Treatment of Non-Small Lung Cancer with combined radiation-gemcitabine": a literature review for Lilly® pharmaceutical: 2003.

Thesis

1. Thesis: "Gunshot wounds to the head": Mentor: Prof. Proust; New York, 1999. Thesis presented for the Forensic Medicine Diploma, in Rouen, France.
2. Thesis: "Cutaneous melanoma": Mentor: Prof. Farran; Beirut, 1997. Thesis presented for the Doctor of Medicine diploma in Beirut, Lebanon.

Research Awards

1. Frank Low research award from the University of North Dakota, School of Medicine: 2008.
2. Recipient of a Research Award for the research project of the "Minimally Invasive Autopsy" from the Staten Island University Hospital, New York: 2002.
3. Recipient of a Certificate of Achievement from the American Medical Association: 2001.
4. Research award at the American College of Physician national meeting for "The role of the autopsy as quality improvement and teaching tool":2000.