



CURRICULUM VITAE

PERSONAL INFORMATION

Bassem Youssef, M.D.
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Birth date: September 10, 1982, Lebanon
Licensure: Lebanese order of Physicians, # Y/268
ECFMG certified: April 30, 2012, # 0-874-373-4

CLINICAL EXPERIENCE

Assistant Professor of Clinical Radiation Oncology AUBMC - Beirut, Lebanon	September 2016 - present
Fellowship in Advanced Radiation Oncology The University of Texas MD Anderson Cancer Center	July 2014 - June 2015
Instructor of Clinical Radiation Oncology AUBMC - Beirut, Lebanon	July 2012 – August 2016
Residency in Radiation Oncology AUBMC - Beirut, Lebanon	June 2008- June 2012
Internship in Internal Medicine AUBMC - Beirut, Lebanon	June 2007- June 2008
Clinical Clerkship Rafik Hariri University Hospital - Beirut, Lebanon	January 2007- June 2007
Clinical Clerkship "Notre Dame Du Liban" - Jounieh, Lebanon	June 2006- December 2006
Clinical Clerkship Sahel General Hospital - Beirut, Lebanon	January 2006- June 2006

Clinical Clerkship

Rafik Hariri University Hospital - Beirut, Lebanon

June 2005- December 2005

CLINICAL OBSERVERSHIP:

1- Guys and St Thomas' Hospital - London - UK:
General Radiation Oncology - **May 2010**

2- University of Texas MD Anderson Cancer Center - Houston - USA:
Breast, Thoracic and Gastrointestinal cancers - **November 2011**

3- Memorial Sloan Kettering Cancer Center - New York - USA:
Head & neck and Genitourinary cancers - **March 2012**

EDUCATION:

Lebanese University – Beirut, Lebanon

Doctor of Medicine

June 2007

College Des Soeurs Du Rosaire – Mansourieh, Lebanon

Lebanese Baccalaureates in Experimental Sciences

1999

LANGUAGE:

Native language: Arabic

Fluent in English and French.

MEMBERSHIP:

- National and International societies:

Member of the Lebanese Order of Physicians

Member of the Lebanese Society of Radiation Oncology (LSRO)

Member of the European Society for Radiotherapy and Oncology (ESTRO)

Member of the International Association for the study of Lung Cancer (IASLC)

- Hospital committees:

Member of the GME (Graduate Medical education) committee

Member of the FRRP (Fellowship and Residency Research program) committee
Member of the NKBCI Collaboration and development Committee
Medical Quality Director of the Radiation Oncology department

PUBLICATIONS:

1- Management of locally advanced esophageal cancer.

Youssef B, Geara F.

Lebanese Medical Journal 2010

2- Survival Outcome After Radiation Therapy for Patients With Early Cervical Carcinoma Undergoing Inadequate Primary Surgery.

Isam Lataifeh, Imad Jaradat, Muhieddine Seoud, **Bassem Youssef**, Samer Barahmeh and Fady Geara.

International Journal of Gynecological Cancer 2013

3- Patterns of failure after salvage re-irradiation for recurrent head and neck cancer: implications for field design and consolidation therapy.

Tony J.C. Wang, Nadeem Riaz, Moses Tam, Chi Zhang, **Bassem Youssef**, Julian C. Hong, Hayley Born, Suzanne Wolden, Shyam Rao, Nancy Y. Lee.

Journal of Radiation Oncology 2013

4- Inter-Institutional Comparison of Personalized Risk Assessments for Second Malignant Neoplasms for a 13-Year-Old Girl Receiving Proton versus Photon Craniospinal Irradiation

Phillip Taddei, Nabil Khater, Rui Zhang, Fady Geara, Anita Mahajan, Wassim Jalbout, Angélica Pérez-Andújar, **Bassem Youssef**, Wayne Newhauser.

Cancers 2015

5- Incidence and Predictors of Lhermitte's Sign among Patients Receiving Mediastinal Radiation for Lymphoma

Bassem Youssef, JoAnn Shank, Jay P. Reddy, Chelsea C Pinnix, George Farha, Mani Akhtari, Pamela K Allen, Michelle A Fanale, John A Garcia, Trisha A Horace, Sarah Milgrom, Grace L Smith, Yago Nieto, Isadora Arzu, He Wang, Nathan Fowler, Maria Alma Rodriguez, Bouthaina S Dabaja.

Radiation Oncology 2015

6- Basaloid Squamous Cell Carcinoma of the Ethmoid Sinus with Invasion into the Skull Base Treated with Craniofacial resection and Adjuvant Intensity-Modulated Radiation Therapy: A Case Report

Karine A Al Feghali, Henri Traboulsi, **Bassem Youssef**

Cureus 2015

7- Hyperfractionated Radiation Therapy in Burkitt's lymphoma: A reconsideration aspect

Khalil Charafeddine, Lara Hilal, Ali Bazarbachi, Nassima Salame, **Bassem Youssef**

Journal of Hematological Oncology 2016

8- A model for estimation of power and downtime effects on teletherapy units in low resource settings

Rachel McCarroll, **Bassem Youssef**, Beth Beadle, Maureen Bojador, Rex Cardan, Robin Famiglietti, David Followill, Geoffrey Ibbott, Anuja Jhingran, Christoph Trauernicht, Peter Balter, Laurence Court
Accepted for publication in the Journal of Global Oncology 2016

RESEARCH GRANT:

1- Noninvasive Linear Accelerator-Based Stereotactic Radiotherapy for Atrioventricular Node Ablation. The Farouk Jabre Award and Research Grant - February 2014

PI: Marwan Refaat, MD

Co-PI: Bassem Youssef, MD

2- Narrowed versus standard spinal fields in craniospinal irradiation: comparative study in sheep and implications on long-term vertebral deformities. MPP Research Grant - February 2015

PI: Bassem Youssef, MD

3- Targeted spinal fields to improve long-term pediatric radiotherapy outcomes. Grant Research Program, Lebanon National Council for Scientific Research - November 2015

PI: Bassem Youssef, MD

4- Assessing Early Acute Treatment Related Toxicities in Head and Neck Patients. MPP Research Grant - June 2016

PI: Bassem Youssef, MD

RESEARCH ACTIVITIES:

1- Predicted radiogenic cancer risk in 11 children receiving craniospinal irradiation in a developing country versus a developed country.

Taddei PJ, Khater N, **Youssef B**, Geara FB, Howell RH, Jalbout W, Zhang R, Giebeler A, Mirkovic D, Mahajan A, Newhauser WD.

Oral presentation, 12th International Conference on Radiation Shielding, Nara, Japan, September 2012.

2- Loco-regional Patterns of Failure in Oropharyngeal Carcinoma: Implications for Target Volume Delineation and Treatment De-escalation.

Riaz N, M.D, Katsoulakis E, Ong L, **Youssef B**, Wolden S, Niyazov G, Rao S, Lee N.

Poster, American Society of Radiation Oncology meeting, Boston, USA, October 2012.

3- Patterns of Failure (POF) after Salvage Re-irradiation (re-RT) for Recurrent Head and Neck Cancer (HNC): Implications for Field Design and Consolidation Therapy.

Wang T, Riaz N, **Youssef B**, Born H, Wolden S, Rao S, Lee N.

Oral presentation, American Society of Radiation Oncology annual meeting, Boston, USA, October 2012.

4- Definitive Photon Radiotherapy in the Treatment of Unresectable Salivary Gland Tumors.

Salgado L, Riaz N, Katsoulakis E, Ho F, Hu M, **Youssef B**, Wong R, Wolden S, Rao S, Lee N.

Poster, American Society of Radiation Oncology meeting, Boston, USA, October 2012.

5- Nasopharyngeal cancer treated by induction chemotherapy and definitive radiation: impact of chemotherapy response on outcome.

Fady B. Geara, Ibrahim Abu Ghaida, Mirna Abboud, Khalil Asmar, Toufic Eid, **Bassem Youssef**, Ziad Salem, Alain Sabri, Ali Shamseddine, Arafat Tufayli.

Oral presentation, Global Academic Program annual conference, Houston, USA, April 2013.

6- Equivalent Dose in Children Receiving Craniospinal Irradiation with Photons in a Developing Country Or with Protons in a Developed Country.

P J Taddei, N Khater, **B Youssef**, W Jalbout, R M Howell, A Mahajan, R Zhang, D

Mirkovic, A Giebeler, F B Geara, W D Newhauser.

General Poster Session at the American Association of Physicists in Medicine annual meeting, Indiana, USA, August 2013.

7- Predicted risk of a radiogenic second cancer fatality for 9 children receiving craniospinal irradiation in a developing versus a developed country.

Taddei PJ, **Youssef B**, Khater N, Mahajan A, Howell RM, Jalbout W, Zhang R, Giebeler A, Geara FB, Newhauser WD. Taddei PJ, Khater N, Mahajan A.

59th Annual Meeting of the Radiation Research Society, New Orleans, LA, USA, September 2013.

8- Radiation out-of-field dose in the treatment of pediatric central nervous system malignancies.

Taddei PJ, Tannous J, Nabha R, Feghali JA, Ayoub Z, Jalbout W, **Youssef B**

Oral presentation, 60th Annual Scientific Meeting of the Canadian Organization of Medical Physicists, Banff, Alberta, Canada. July 2014.

9- Hodgkin's lymphoma treatment: modern radiation therapy, lower dose, smaller field but the risk of Lhermitte's sign is still there.

B. Dabaja, J. Shank, C.C. Pinnix, H.C. Wang, J. Garcia, B. **Youssef**, M. Fanale, Y. Oki, Y. Nieto, I. Arzu, P. Horace, M. Rodriguez

Poster, American Society of Radiation Oncology annual meeting, San Francisco, USA. September 2014.

10- Teletherapy decision making in low resource setting – A quantitative approach

McCarroll, Rachel; **Youssef, Bassem**; Beadle, Beth; Bojador, Maureen; Cardan, Rex;
Famiglietti, Robin; Followill, David; Ibbott, Geoffrey; Jhingran, Anuja; Trauernicht, Christoph;
Balter, Peter; Court, Laurence

Oral presentation at the World Congress on Medical Physics and Biomedical Engineering, Toronto, Canada. June 2015

11- Replacement computational phantoms to estimate dose in out-of-field organs and tissues

K Gallagher, J Tannous, R Nabha, J A Feghali, Z Ayoub, W Jalbout, **B Youssef**, and P J Taddei

Distinguished electronic poster at the American Association of Physicists in Medicine annual meeting, California, USA. July 2015

12- Outcomes of definitive radiotherapy for T2 squamous cell carcinoma of the larynx

Bassem Y. Youssef, Abdallah S.R. Mohamed, Blaine D. Smith, G.Brandon Gunn, Jack Phan, William H. Morrison, Adam S. Garden, David I. Rosenthal, Clifton D. Fuller

Poster presentation at the American Radium Society annual meeting, Hawaii, USA. May 2015

13- Swine atrioventricular node ablation using radiation therapy: methods and in-vivo feasibility investigation for catheter-free ablation of cardiac arrhythmias

Patrick Zakka, Mostafa Hoteit, Karine Al Feghali, Ibrahim Abu Gheida, Phillip Taddei, Charbel Saade, Mukbil Hourani, Fady Geara, Malek Tabbal, Pierre Sfeir, Wassim Jalbout, Wael Al Jaroudi, Abdo Jurjus, **Bassem Youssef**, Marwan Refaat

Poster presented at the sixth annual AUB Biomedical Research day. February 2016

14- Development of a Predictive Quantitative Contrast Computed Tomography-Based Feature (Radiomics) Profile for Local Recurrence in Oropharyngeal Cancers

A. Kanwar, A.S.R. Mohamed, L.E. Court, L. Zhang, G.E. Marai, G. Canahuate, J.S. Lee, S. Perni, J.A. Messer, B.H. Pham, **B. Youssef**, D. Vock, A. Rao, J. Kalpathy-Cramer, G.B. Gunn, D.I. Rosenthal and C.D. Fuller

Poster, American Society of Radiation Oncology meeting, Boston, USA. September 2016

SEMINARS:

Invited speaker:

-11th Lebanese Society of Medical Oncology (LSMO) National Forum
April 2014 - Beirut – Lebanon

“New techniques in Thoracic Radiation Therapy”

-Best of ASCO meeting

September 2015 - Beirut - Lebanon

“A phase III protocol of androgen suppression (AS) and 3DCRT/IMRT vs AS and 3DCRT/IMRT followed by chemotherapy (CT) with docetaxel and prednisone for localized, high risk prostate cancer”

-abc Oncology Educational Course - Breast cancer

November 2015 - Saida - Lebanon

“Hypofractionated Adjuvant Radiotherapy in Invasive Early Breast Cancer (Long-Term Results of UK START Trials Support)”

-abc Oncology Educational Course - Kidney & Prostate Cancers

December 2015 - Verdun – Lebanon

“Combined Androgen-Deprivation Therapy plus Radiotherapy versus Androgen-Deprivation Therapy Alone in Locally Advanced Prostate Cancer”

EDUCATIONAL ACTIVITIES

Graduation Thesis Defense

Primary Gastric lymphoma. Series of cases and review of literature

June 2008

Workshop

Clinical and Communication skills: The Approach to Medical Encounters

December 2010

Radiobiology course

1st and 2nd Radiobiology course and target delineation training by
AROME (Association of Radiotherapy and Oncology of the Mediterranean Area)
Istanbul

May 2010; May 2011

References:

Fady Geara, M.D., Ph.D.

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Department of Radiation Oncology

The American University of Beirut Medical Center

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Phone number: +961 1 344839

Roger Moukarbel, MD

Assistant Professor

Head and Neck Oncology and Microvascular Reconstructive Surgery

Department of Otolaryngology-Head and Neck Surgery
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