

Dr. Jonathan Grant

Business Contact Info

4518 Briarbend Dr., Houston, TX 77035

Education

Undergraduate / Bachelor of Science

Bachelor of Science, Physics, University of Utah, Salt Lake City, UT, May 2006
Minor in Russian Studies

Medical School

Transitional Internship, Intermountain Medical Center, Salt Lake City, UT, June 2011
Doctor of Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA, June 2010



Residency

Radiation Oncology Residency, The University of Texas MD Anderson Cancer Center, Houston, TX, anticipated June 2015

Honors and Awards

Dr. Mary Fletcher Resident Award for Excellence in Clinical Care in Radiation Oncology, 2012
Ransom Arthur Book Award for Compassionate Clinical Care, UCLA School of Medicine, 2010
Alpha Omega Alpha Medical Honors Society, 2010
Certificate of Merit, Electronic Exhibit, American Roentgen Ray Society, 2009
Sigma Pi Sigma Physics Honors Society, 2006
Cum Laude, College of Science, University of Utah, 2006
Dean's List, University of Utah, 2000-2006
Presidential Scholarship, University of Utah, 2000-2006
Eagle Scout, 1995

Research, Publications, & Teaching

Research (Past)

Medical Dosimetry Graduate Program Instructor: Skin Cancer and Radiotherapy, 2011-2014
Radiation Therapy Graduate Program Instructor: The Gastrointestinal System, 2012-2013

Academic Teaching Fellow, Doctoring Curriculum, UCLA School of Medicine, 2009-2010
Anatomy Curriculum Developer, UCLA School of Medicine, 2007
Teaching Assistant, Human Anatomy, University of Utah, 2005

Publications

1. Grant JD, Chang JY. Proton-Based Stereotactic Ablative Radiotherapy in Early-Stage Non-Small Cell Lung Cancer. *Biomed Res Int*. 2014; 389048. doi: 10.1155/2014/389048.
2. Grant, JD, Stephens SM, Woller SC, Lee EW, Kee ST, Liu DM, Lohan DG, Elliott CG. Diagnosis and management of upper extremity deep-vein thrombosis in adults. *Thomb Haemost*. 2012 Oct; 108:1097-1108 [cover article].
3. Grant, JD, Litwin MS, Kwan L, Lee SP, Steinberg ML, King, CR. Does Hormone Therapy Exacerbate the Adverse Effects of Radiotherapy in Men with Prostate Cancer? A Quality of Life Study. *J Urol*. 2011 May; 185(5): 1674-80.
4. Grant JD, LeeJS, Lee EW, Kee, ST. Superior vena cava syndrome: an update on causes and treatments. *Endovascular Today*. 2009 Jul; 8(7): 72-76.
5. Lee EW, Grant JD, Loh CT, Kee ST. Bronchial and pulmonary arterial and venous interventions. *Semin Respir Crit Care Med*. 2008 Aug; 29(4): 395-404.
6. Grant JD, Lee E, Kee S. Inside industry: UG-FNA for Necks. *Enterprise Imaging*. 2008 Mar; 18(3): 59.
7. Lee EW', Grant JD, Mari C. Incidental PET/CT Detection of Breast Cancer in a Patient with Negative Mammogram and Breast Sonogram. *Radiology Case Reports*. 2007 2(3).
8. Stoker JB, Grant JD, Zhu XR, Pidikiti R, Mahajan A, Grosshans DR. Intensity Modulated Proton Therapy for Craniospinal Irradiation: Organ At Risk Exposure and a Low-gradient Junctioning Technique. *Int J Radiat Oncol Biol Phys* (in press).
9. Walker GV, Shihadeh F, Kantarjian H, Allen P, Rondon G, Kebriaei P, O'Brien S, Kedir A, Said M, Grant JD, Thomas DA, Gidley PW, Arzu I, Pinnix CC, Reed VK, Dabaja BS. Comprehensive Craniospinal Radiation for Controlling Central Nervous System Leukemia. *Int J Radiat Oncol Biol Phys* (in press).
10. Walker GV, Awan M, Tao R, Koay EJ, Boehling NS, Grant JD, et al. Prospective Randomized Double-Blind Study of Atlas-Based Organ-at-Risk Autosegmentation-Assisted Radiation Treatment Planning in Head and Neck Cancer. *Radiotherapy & Oncology*' (in press).
11. Grant JD, Shirvani SM, et al. Incidence and Predictors of Severe Acute Esophagitis and Subsequent Esophageal Stricture in Patients Treated with Accelerated Hyperfractionated Chemoradiation for Limited-Stage Small Cell Lung Cancer. *Radiotherapy & Oncology*.
12. Grant JD, Allen PK, et al. Should Radiation Dose for Locally Advanced Non-Small Cell Lung Cancer Be Tailored Based on Preceding Chemotherapy Response? An Investigation of the Clinical Impact of

Concurrent Chemoradiation Dose Intensification after Induction Chemotherapy. *Clinical Lung Cancer*.

13. Grant JD, Sobremonte, A, et al. The Impact of Induction Chemotherapy on the Dosimetric Parameters of Subsequent Radiotherapy: An Investigation of 30 Consecutive Patients with Locally-Advanced Non-Small Cell Lung Cancer and Modern Radiation Planning Techniques. *Practical Radiation Oncology*.

14. Grant JD, Garg A, et al. Isolated Port-Site Metastases Following Minimally-Invasive Hysterectomy for Endometrial Cancer: Outcomes of Patients Treated with Radiotherapy. *International Journal of Gynecologic Cancer*.

15. Wolfe T; Chatterjee D, Lee J, Grant JD, et al. Tumor-Targeted Gold Nanoparticles Enhance Sensitization of Prostate Tumors to Megavoltage Radiation Therapy in vivo. *ACS Nano*.

Book Chapters

Grant JD, Chang JY. Charged Particle-Based Stereotactic Ablative Radiotherapy in Early Stage Non-Small Cell Lung Cancer. *Treatment of High-Risk Early Stage Lung Cancer*, Springer Publishing.

Presentations

1. Wolfe, T., Grant, J., Wolfe, A., Gillin, M., Krishnan, S. Proton Therapy Enhanced by Tumor- Targeting Gold Nanoparticles: A Pilot in Vivo Experiment at The Proton Therapy Center at MD Anderson Cancer Center. American Association of Physicists in Medicine (AAPM) 56th Annual Meeting; Austin, TX, July 2014.

2. Grant, J., Shirvani, S., Jullori A., Kantor, M., Allen, P., Chang, J. Factors associated with acute and chronic esophagitis following radiotherapy for limited-stage small-cell lung cancer. American Radium Society' (ARS) 95th Annual Meeting; Scottsdale, AZ, April 2013.

3. Grant J., Vedam S., Zhuang Y., Kantor, M., Balter P., Mohan R., CoxJ., Ivomaki R., Liao Z. Technique Considerations in Planning Intensity'-Modulated Radiotherapy for Inoperable Stage II-III Non-Small Cell Lung Cancer with Clinical Outcomes. American Radium Society' 94th Annual Meeting; Las Vegas, NV, April 2012.

4. Lee E., Grant J., Loh C., Kee S. Radiographic (MR, CT and US) and pathologic evaluation of irreversible electroporation (IE) in a swine study: a new non-thermal hepatic tumor ablation technique. Society of Interventional Radiology 33rd Annual meeting; Washington, DC, August 2008.

Abstracts

1. Grant, J., Jensen, G., Tang, C., Pollard, J., Poenish, F., Dougherty, A., Gomez, D., Rozner, M. Secondary Neutron Production is Predictive of Implantable Cardiac Device Reset in Patients Receiving Radiotherapy.

Selected for poster presentation at: American Society' for Therapeutic Radiology and Oncology (ASTRO) 56th Annual Meeting: San Francisco, CA, September 2014.

2. Grant, J., Garg, A., Gopal, T., Soliman, P., Jhingran, A., Eifel, P., Klopp, A. Isolated Port-Site Metastases Following Laparoscopic Hysterectomy for Endometrial Cancer: Outcomes of Patients Treated with Radiotherapy. American Radium Society' (ARS) 96th Annual Meeting; St. Thomas, USVI, April 2014.

3. Grant, J., Sobremonte, A., Hillebrandt, E., Allen, P., Lin, S., Chang, J., Komaki, R., Liao, Z., Heymach, J., Gomez, D. Dosimetric Impact of Induction Chemotherapy on Subsequent Radiation Planning for Inoperable Non-Small Cell Lung Cancer (NSCLC). Poster presented at: American Society for Therapeutic Radiology' and Oncology (ASTRO) 55th Annual Meeting: Atlanta, GA, September 2013.

4. Grant, J., Sobremonte, A., Hillebrandt, E., Allen, P., Lin, S., Chang, J., Komaki, R., Liao, Z., Heymach, J., Gomez, D. Dosimetric Impact of Induction Chemotherapy on Subsequent Radiation Planning for Inoperable Non-Small Cell Lung Cancer (NSCLC). American Society' for Therapeutic Radiology and Oncology' (ASTRO) 55 Annual Meeting: Atlanta, GA, September 2013 Grant J., Lee E., Lee J., Loh C., Kee S. Interventional Oncology' 101: a comprehensive review of the armamentariums of interventional oncology'. American Roentgen Ray Society 109th Annual Meeting Boston, MA, April 2009.

5. Grant, J., Gomez, D., Zhuang, Y., Chang, J., Komaki, R., Fosella F., Gold, K., Liao, K., Cox, J. Impact of chemotherapy response and radiation dose on overall survival in patients with inoperable non-small cell lung cancer treated with induction chemotherapy followed by concurrent chemoradiotherapy. American Society for Therapeutic Radiology and Oncology (ASTRO) 54th Annual Meeting: Boston, MA, October 2012.

6. Grant J., Litwin M., Kwan L., Lee S., Steinberg M., King, C. Does Hormone Therapy Exacerbate the Adverse Effects of Radiotherapy in the Treatment of Men with Prostate Cancer? A Quality of Life Study. American Society for Therapeutic Radiology and Oncology (ASTRO) 52nd Annual Meeting; San Diego, CA, November 2010.

References

Bruce Minsky, M.D.

Professor and Frank T. McGraw Memorial Chair Head, ad interim, Division of Radiation Oncology University' of Texas MD Anderson Cancer Center

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Personal Information

Languages

English: Native

Russian: Proficient

Community Activities

Radiation Therapy Department Quality and Safety Council

Member, 2014-present

Resident Medical Dosimetry Course Chair, 2013-2014

Resident Lecture Series Course Co-chair, 2012-2013

Internship Coordinating Committee Representative,

Intermountain Medical Center, 2010-2011

Medical Alumni Association Representative, UCLA School of Medicine, 2009-2010

Class President, UCLA School of Medicine, 2007-2008

Class Vice President, UCLA School of Medicine, 2006-2007

Director, University of Utah Healing Arts Program, 2004-2005