



Anthony Lo

Clinical Instructor, Radiation Oncology - Radiation Physics

Bio

ACADEMIC APPOINTMENTS

- Clinical Instructor, Radiation Oncology - Radiation Physics

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Image guided robotic radiosurgery

Publications

PUBLICATIONS

- **Clinical impact of the VOLO optimizer on treatment plan quality and clinical treatment efficiency for CyberKnife.** *Journal of applied clinical medical physics*
Schuler, E., Lo, A., Chuang, C. F., Soltys, S. G., Pollom, E. L., Wang, L.
2020
- **The Clinical Impact of VOLO Optimization in CyberKnife Treatment Planning**
Schueler, E., Lo, A., Chuang, C., Soltys, S., Wang, L.
WILEY.2019: E650
- **Implementation of the Electronic Portal Imaging Device for Daily CyberKnife Quality Assurance**
Wang, L., Lo, A., Ho, A.
WILEY.2018: E327
- **Dose-Response Modeling of the Visual Pathway Tolerance to Single-Fraction and Hypofractionated Stereotactic Radiosurgery** *SEMINARS IN RADIATION ONCOLOGY*
Hiniker, S. M., Modlin, L. A., Choi, C. Y., Atalar, B., Seiger, K., Binkley, M. S., Harris, J. P., Liao, Y. J., Fischbein, N., Wang, L., Ho, A., Lo, A., Chang, et al
2016; 26 (2): 97-104
- **Stereotactic Arrhythmia Radioablation (STAR) of Ventricular Tachycardia: A Treatment Planning Study.** *Cureus*
Wang, L., Fahimian, B., Soltys, S. G., Zei, P., Lo, A., Gardner, E. A., Maguire, P. J., Loo, B. W.
2016; 8 (7)
- **Dose-Response Modeling of the Visual Pathway Tolerance to Single-Fraction and Hypofractionated Stereotactic Radiosurgery.** *Seminars in radiation oncology*
Hiniker, S. M., Modlin, L. A., Choi, C. Y., Atalar, B., Seiger, K., Binkley, M. S., Harris, J. P., Liao, Y. J., Fischbein, N., Wang, L., Ho, A., Lo, A., Chang, et al
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- **Stereotactic ablative radiotherapy for the treatment of refractory cardiac ventricular arrhythmia.** *Circulation. Arrhythmia and electrophysiology*
Loo, B. W., Soltys, S. G., Wang, L., Lo, A., Fahimian, B. P., Iagaru, A., Norton, L., Shan, X., Gardner, E., Fogarty, T., Maguire, P., Al-Ahmad, A., Zei, et al

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- **Trigeminal neuralgia treatment dosimetry of the Cyberknife** *MEDICAL DOSIMETRY*
Ho, A., Lo, A. T., Dieterich, S., Soltys, S. G., Gibbs, I. C., Chang, S. G., Adler, J. R.
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- **SU-E-T-418: Evaluation of Peripheral Dose for SRS Treatment Radiations with the VIS CyberKnife: A Phantom Study.** *Medical physics*
Kalantzis, G., Lo, A., Dieterich, S.
2012; 39 (6Part16): 3800-3801
- **TESTICULAR DOSE FROM PROSTATE CYBERKNIFE: A CAUTIONARY NOTE** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
King, C. R., Lo, A., Kapp, D. S.
2009; 73 (2): 636-637
- **Stereotactic radiosurgery for a cardiac sarcoma: A case report** *TECHNOLOGY IN CANCER RESEARCH & TREATMENT*
Soltys, S. G., Kalani, M. Y., Cheshier, S. H., Szabo, K. A., Lo, A., Chang, S. D.
2008; 7 (5): 363-367
- **Mapping of the prostate in endorectal coil-based MRI/MRSI and CT: A deformable registration and validation study** *45th Annual Meeting of the American-Society-for-Therapeutic-Radiology-and-Oncology (ASTRO)*
Lian, J., Xing, L., Hunjan, S., Dumoulin, C., Levin, J., Lo, A., Watkins, R., Rohling, K., Giaquinto, R., Kim, D., Spielman, D., Daniel, B.
AMER ASSOC PHYSICISTS MEDICINE AMER INST PHYSICS.2004: 3087-94
- **Long term results of radioactive gold grain implantation for the treatment of persistent and recurrent nasopharyngeal carcinoma** *CANCER*
Kwong, D. L., Wei, W. I., Cheng, A. C., Choy, D. T., Lo, A. T., Wu, P. M., Sham, J. S.
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- **The effect of the nasopharyngeal air cavity on x-ray interface doses** *PHYSICS IN MEDICINE AND BIOLOGY*
Kan, W. K., Wu, P. M., LEUNG, H. T., Lo, T. C., Chung, C. W., Kwong, D. L., Sham, S. T.
1998; 43 (3): 529-537