



Steven Hancock, MD

Professor of Radiation Oncology (Radiation Therapy) and, by courtesy, of Neurosurgery

Radiation Oncology - Radiation Therapy

CLINICAL OFFICES

- **Radiation Therapy**

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Bio

BIO

Dr. Steven Hancock is a Professor of Radiation Oncology at Stanford University Medical Center who has practiced at Stanford for over 30 years. He specializes in genitourinary cancers, such as prostate cancer, bladder cancer, kidney cancer, penile and urethral cancers. He also specializes in radiation and radiosurgery treatment of malignant and benign conditions that affect the central nervous system, including glioblastoma, astrocytoma, oligodendroglioma, meningioma, acoustic neuroma, arteriovenous malformations, and hemangioblastomas associated with Von Hippel Lindau syndrome. Dr. Hancock serves on the National Cancer Center Network (NCCN) guidelines panels for Kidney and Testicular cancers. Research activities have involved initial clinical trials of radiation sensitizer and hypoxic cell cytotoxic agents, initial clinical evaluation of the Cyberknife radiosurgical instrument and longitudinal studies of treatment outcomes and late effects of radiation therapy, such as secondary malignancies and radiation associated cardiovascular disease. Current interests are in the application of new imaging and treatment technologies for improving tumor control and minimizing short and long term side effects of radiation and combined modality therapy.

CLINICAL FOCUS

- Cancer > Cutaneous (Dermatologic) Oncology
- Cancer > Radiation Oncology
- Cancer > Urologic Oncology
- CNS Cancers
- Prostate Cancer
- Bladder cancer
- Kidney Cancer
- Lymphomas
- Radiation Therapy
- Radiation Injuries
- Stereotactic Radiosurgery
- Stereotactic Ablative Body Radiotherapy

- Acoustic Neuroma
- Meningioma
- Radiation Oncology

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Radiation Oncology - Radiation Therapy
- Professor - University Medical Line (By courtesy), Neurosurgery
- Member, Stanford Cancer Institute

PROFESSIONAL EDUCATION

- Board Certification: Therapeutic Radiology, American Board of Radiology (1982)
- Board Certification: Radiation Oncology, American Board of Radiology (1982)
- Medical Education: Stanford University School of Medicine (1976) CA
- Residency: Stanford University Radiation Oncology Residency (1981) CA
- Residency: Stanford University Internal Medicine Residency (1980) CA
- Residency: Stanford University Dept of Radiation Oncology (1978) CA
- Internship: Stanford University School of Medicine (1977) CA
- Board Certification: Internal Medicine, American Board of Internal Medicine (1980)

LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Outcomes of radiation treatment for prostate cancer. Clinical research interests in the late effects of radiation on normal tissues and chemical modification of radiation injury.

Hodgkins's disease and late effects of radiation and combined modality therapy.

Radiation sensitizers and protectors.

Hypoxic cell cytotoxins.

Esophageal cancers.

General adult and pediatric radiation therapy.

CLINICAL TRIALS

- 68Ga-PSMA PET/CT or PET/MRI in Evaluating Patients With Recurrent Prostate Cancer, Not Recruiting
- Assessment of 3D Transperineal Ultrasound Imaging w/ Matrix Array Transducers in Prostate Radiotherapy, Not Recruiting
- Hypofractionated Radiotherapy for Localized Prostate Cancer (With CyberKnife or With IMRT), Not Recruiting
- Radium-223 Dichloride (BAY88-8223) in Castration-Resistant (Hormone-Refractory) Prostate Cancer Patients With Bone Metastases, Not Recruiting
- Real-Time MV/kV Image Guided Radiation Therapy, Not Recruiting
- Sodium Selenite and Radiation Therapy in Treating Patients With Metastatic Cancer, Not Recruiting

Publications

PUBLICATIONS

- **Kidney Cancer, Version 3.2022** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
Motzer, R. J., Jonasch, E., Agarwal, N., Alva, A., Baine, M., Beckermann, K., Carlo, M., Choueiri, T. K., Costello, B. A., Derweesh, I. H., Desai, A., Ged, Y., George, et al
2022; 20 (1): 71-89
- **Automated Contour Propagation of the Prostate From pCT to CBCT Images via Deep Unsupervised Learning**
Liang, X., Bibault, J. E., Leroy, T., Escande, A., Zhao, W., Chen, Y., Buyyounouski, M. K., Hancock, S. L., Bagshaw, H. P., Xing, L.
ELSEVIER SCIENCE INC.2021: E95
- **Development and Validation of an Interpretable Artificial Intelligence Model to Predict 10-Year Prostate Cancer Mortality** *CANCERS*
Bibault, J., Hancock, S., Buyyounouski, M. K., Bagshaw, H., Leppert, J. T., Liao, J. C., Xing, L.
2021; 13 (12)
- **The Stanford stereotactic radiosurgery experience on 7000 patients over 2 decades (1999-2018): looking far beyond the scalpel.** *Journal of neurosurgery*
Fatima, N., Meola, A., Ding, V. Y., Pollom, E., Soltys, S. G., Chuang, C. F., Shahsavari, N., Hancock, S. L., Gibbs, I. C., Adler, J. R., Chang, S. D.
2021: 1–17
- **PSMA- and GRPR-targeted PET: Results from 50 Patients with Biochemically Recurrent Prostate Cancer.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
Baratto, L., Song, H., Duan, H., Hatami, N., Bagshaw, H., Buyyounouski, M., Hancock, S., Shah, S. A., Srinivas, S., Swift, P., Moradi, F., Davidzon, G. A., Jagaru, et al
2021
- **Automated Contour Propagation of the Prostate From pCT to CBCT Images Via Deep Unsupervised Learning.** *Medical physics*
Liang, X., Bibault, J., Leroy, T., Escande, A., Zhao, W., Chen, Y., Buyyounouski, M. K., Hancock, S. L., Bagshaw, H., Xing, L.
2021
- **Improved survival and disease control following pembrolizumab-induced immune-related adverse events in high PD-L1 expressing non-small cell lung cancer with brain metastases.** *Journal of neuro-oncology*
Zhang, M. n., Rodrigues, A. J., Pollom, E. L., Gibbs, I. C., Soltys, S. G., Hancock, S. L., Neal, J. W., Padda, S. K., Ramchandran, K. J., Wakelee, H. A., Chang, S. D., Lim, M. n., Hayden Gephart, et al
2021
- **Phase I/II Dose-Escalation Trial of 3-Fraction Stereotactic Radiosurgery for Resection Cavities From Large Brain Metastases: Health-related Quality of Life Outcomes.** *American journal of clinical oncology*
Rahimy, E., Dudley, S. A., von Eyben, R., Pollom, E. L., Seiger, K., Modlin, L., Wynne, J., Fujimoto, D., Jacobs, L. R., Chang, S. D., Gibbs, I. C., Hancock, S. L., Adler, et al
2021; 44 (11): 588-595
- **A Phase I/II Trial of 5-Fraction Stereotactic Radiosurgery with 5-mm Margins with Concurrent Temozolomide in Newly Diagnosed Glioblastoma: Primary Outcomes.** *Neuro-oncology*
Azoulay, M. n., Chang, S. D., Gibbs, I. C., Hancock, S. L., Pollom, E. L., Harsh, G. R., Adler, J. R., Harrahar, C. n., Li, G. n., Hayden Gephart, M. n., Nagpal, S. n., Thomas, R. P., Recht, et al
2020
- **Intracranial Tumor Control Following Immune-Related Adverse Events and Discontinuation of Immunotherapy for Melanoma.** *World neurosurgery*
Zhang, M. n., Rodrigues, A. J., Bhambhani, H. P., Fatemi, P. n., Pollom, E. L., Gibbs, I. C., Thomas, R. P., Soltys, S. G., Hancock, S. L., Chang, S. D., Reddy, S. A., Gephart, M. H., Li, et al
2020
- **NCCN Guidelines Insights: Kidney Cancer, Version 1.2021.** *Journal of the National Comprehensive Cancer Network : JNCCN*
Motzer, R. J., Jonasch, E., Boyle, S., Carlo, M. I., Manley, B., Agarwal, N., Alva, A., Beckermann, K., Choueiri, T. K., Costello, B. A., Derweesh, I. H., Desai, A., George, et al
2020; 18 (9): 1160–70
- **Stereotactic Radiosurgery for Resected Brain Metastases - Does the Surgical Corridor Need to be Targeted?** *Practical radiation oncology*

- Shi, S. n., Sandhu, N. n., Jin, M. n., Wang, E. n., Liu, E. n., Jaoude, J. A., Schofield, K. n., Zhang, C. n., Gibbs, I. C., Hancock, S. L., Chang, S. D., Li, G. n., Gephart, et al
2020
- **Local control and toxicity outcomes of stereotactic radiosurgery for spinal metastases of gastrointestinal origin.** *Journal of neurosurgery. Spine*
Sandhu, N. n., Benson, K. R., Kumar, K. A., Eyben, R. V., Chang, D. T., Gibbs, I. C., Hancock, S. L., Meola, A. n., Chang, S. D., Li, G. n., Hayden-Gephart, M. n., Soltys, S. G., Pollom, et al
2020: 1–8
 - **Automated model versus treating physician for predicting survival time of patients with metastatic cancer.** *Journal of the American Medical Informatics Association : JAMIA*
Gensheimer, M. F., Aggarwal, S. n., Benson, K. R., Carter, J. N., Henry, A. S., Wood, D. J., Soltys, S. G., Hancock, S. n., Pollom, E. n., Shah, N. H., Chang, D. T.
2020
 - **A Deep Learning Framework for Prostate Localization in Cone Beam CT Guided Radiotherapy.** *Medical physics*
Liang, X. n., Zhao, W. n., Hristov, D. H., Buyyounouski, M. K., Hancock, S. L., Bagshaw, H. n., Zhang, Q. n., Xie, Y. n., Xing, L. n.
2020
 - **Testicular Cancer, Version 2.2020** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
Gilligan, T., Lin, D. W., Aggarwal, R., Chism, D., Cost, N., Derweesh, I. H., Emamekhoo, H., Feldman, D. R., Geynisman, D. M., Hancock, S. L., LaGrange, C., Levine, E. G., Longo, et al
2019; 17 (12): 1529–54
 - **Predicting Survival for Patients with Metastatic Disease.** *International journal of radiation oncology, biology, physics*
Benson, K. R., Aggarwal, S., Carter, J. N., von Eyben, R., Pradhan, P., Prionas, N. D., Bui, J. L., Soltys, S. G., Hancock, S., Gensheimer, M. F., Koong, A. C., Chang, D. T.
2019
 - **Kidney Cancer, Version 2.2020 Featured Updates to the NCCN Guidelines** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
Motzer, R. J., Jonasch, E., Michaelson, M., Nandagopal, L., Gore, J. L., George, S., Alva, A., Haas, N., Harrison, M. R., Plimack, E. R., Sosman, J., Agarwal, N., Bhayani, et al
2019; 17 (11): 1279–85
 - **Long-Term Update of Stereotactic Radiosurgery for Benign Spinal Tumors** *NEUROSURGERY*
Chin, A. L., Fujimoto, D., Kumar, K. A., Tupper, L., Mansour, S., Chang, S. D., Adler, J. R., Gibbs, I. C., Hancock, S. L., Dodd, R., Li, G., Gephart, M., Ratliff, et al
2019; 85 (5): 708–16
 - **Stereotactic Radiosurgery for Resected Brain Metastases: Single-Institutional Experience of over 500 Cavities**
Shi, S., Sandhu, N., Wang, E. H., Liu, E., Jaoude, J., Jin, M., Schofield, K., Zhang, C., Gibbs, I. C., Hancock, S. L., Chang, S. D., Li, G., Hayden, et al
ELSEVIER SCIENCE INC.2019: E90
 - **Vertebral Compression Fracture Rates after Stereotactic Radiosurgery for Spinal Metastases**
Usoz, M., Dhillon, J., Kumar, K. A., Von Eyben, R., White, E. C., Ho, C. K., Azoulay, M., Fujimoto, D. K., Gibbs, I. C., Chang, S. D., Hancock, S. L., Pollom, E., Soltys, et al
ELSEVIER SCIENCE INC.2019: E126–E127
 - **Factors Associated with Treatment Failure and Radiation Necrosis Following Cavity Radiosurgery for Resected Brain Metastases**
Wang, E. H., Shi, S., Sandhu, N., Liu, E., Jin, M., Schofield, K., Zhang, C., Jaoude, J., Gibbs, I. C., Hancock, S. L., Chang, S. D., Li, G., Hayden, et al
ELSEVIER SCIENCE INC.2019: E92
 - **Stereotactic Radiosurgery for Small Cell Lung Cancer Brain Metastases**
Bagshaw, H. P., Taggarsi, R. S., Moding, E. J., Fawaz, Z. S., Von Eyben, R., Pollom, E., Chang, S. D., Gibbs, I. C., Hancock, S. L., Soltys, S. G.
ELSEVIER SCIENCE INC.2019: E70–E71
 - **Incorporating imaging information from deep neural network layers into image guided radiation therapy (IGRT).** *Radiotherapy and oncology : journal of the European Society for Therapeutic Radiology and Oncology*
Zhao, W., Han, B., Yang, Y., Buyyounouski, M., Hancock, S. L., Bagshaw, H., Xing, L.
2019; 140: 167–74
 - **Prostate cancer classification with multiparametric MRI transfer learning model** *MEDICAL PHYSICS*

- Yuan, Y., Qin, W., Buyyounouski, M., Ibragimov, B., Hancock, S., Han, B., Xing, L.
2019; 46 (2): 756–65
- **Feasibility of Image Registration for Ultrasound-Guided Prostate Radiotherapy Based on Similarity Measurement by a Convolutional Neural Network** *TECHNOLOGY IN CANCER RESEARCH & TREATMENT*
Zhu, N., Najafi, M., Han, B., Hancock, S., Hristov, D.
2019; 18
 - **Stereotactic radiosurgery for resected brain metastases: single-institutional experience of over 500 cavities.** *International journal of radiation oncology, biology, physics*
Shi, S. n., Sandhu, N. n., Jin, M. C., Wang, E. n., Jaoude, J. A., Schofield, K. n., Zhang, C. n., Liu, E. n., Gibbs, I. C., Hancock, S. L., Chang, S. D., Li, G. n., Hayden-Gephart, et al
2019
 - **PROSTATE SEGMENTATION WITH ENCODER -DECODER DENSELY CONNECT CONVOLUTIONAL NETWORK (ED-DENSENET)**
Yuan, Y., Qin, W., Guo, X., Buyyounouski, M., Hancock, S., Hai, B., Xing, L., IEEE
IEEE.2019: 434–37
 - **Milestones in stereotactic radiosurgery for the central nervous system.** *Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia*
Mitrasinovic, S., Zhang, M., Appelboom, G., Sussman, E., Moore, J. M., Hancock, S. L., Adler, J. R., Kondziolka, D., Steinberg, G. K., Chang, S. D.
2019; 59: 12–19
 - **Feasibility of Image Registration for Ultrasound-Guided Prostate Radiotherapy Based on Similarity Measurement by a Convolutional Neural Network.** *Technology in cancer research & treatment*
Zhu, N., Najafi, M., Han, B., Hancock, S., Hristov, D.
2019; 18: 1533033818821964
 - **Prostate Cancer Classification with Multi-parametric MRI Transfer Learning Model.** *Medical physics*
Yuan, Y., Qin, W., Buyyounouski, M., Ibragimov, B., Hancock, S., Han, B., Xing, L.
2018
 - **Prostate Cancer Staging and Radiation Treatment Planning Using Deep Learning on MRI**
Han, B., Yuan, Y., Hancock, S. L., Bagshaw, H. P., Buyyounouski, M. K., Xing, L.
ELSEVIER SCIENCE INC.2018: S102
 - **Visualizing the Invisible in Prostate Radiation Therapy: Markerless Prostate Target Localization Via a Deep Learning Model and Monoscopic Kv Projection X-Ray Image**
Zhao, W., Han, B., Yang, Y., Buyyounouski, M. K., Hancock, S. L., Bagshaw, H. P., Xing, L.
ELSEVIER SCIENCE INC.2018: S128–S129
 - **Automatic Prostate Segmentation using Deep Learning and MR Images**
Yuan, Y., Qin, W., Buyyounouski, M. K., Hancock, S. L., Bagshaw, H. P., Han, B., Xing, L.
ELSEVIER SCIENCE INC.2018: E379
 - **Evaluation of transperineal ultrasound imaging as a potential solution for target tracking during hypofractionated radiotherapy for prostate cancer.** *Radiation oncology (London, England)*
Han, B., Najafi, M., Cooper, D. T., Lachaine, M., von Eyben, R., Hancock, S., Hristov, D.
2018; 13 (1): 151
 - **Incorporating Deep Layer Image Information Into Image Guided Radiation Therapy**
Zhao, W., Han, B., Yang, Y., Buyyounouski, M., Hancock, S., Bagshaw, H., Xing, L.
WILEY.2018: E686
 - **Prospective Evaluation of Ga-68-RM2 PET/MRI in Patients with Biochemical Recurrence of Prostate Cancer and Negative Findings on Conventional Imaging** *JOURNAL OF NUCLEAR MEDICINE*
Minamimoto, R., Sonni, I., Hancock, S., Vasanawala, S., Loening, A., Gambhir, S. S., Iagaru, A.
2018; 59 (5): 803–8
 - **Long-Term Update of Stereotactic Radiosurgery for Benign Spinal Tumors.** *Neurosurgery*

- Chin, A. L., Fujimoto, D. n., Kumar, K. A., Tupper, L. n., Mansour, S. n., Chang, S. D., Adler, J. R., Gibbs, I. C., Hancock, S. L., Dodd, R. n., Li, G. n., Gephart, M. H., Ratliff, et al
2018
- **A Phase 1/2 Trial of 5 Fraction Stereotactic Radiosurgery With 5 mm Margins With Concurrent and Adjuvant Temozolomide in Newly Diagnosed Supratentorial Glioblastoma Multiforme: Pattern of Recurrence Analysis**
Azoulay, M., Gibbs, I. C., Hancock, S. L., Ho, C. K., Fujimoto, D. K., Chang, S. D., Harsh, G., Nagpal, S., Thomas, R., Recht, L., Choi, C. H., Soltys, S. G.
ELSEVIER SCIENCE INC.2017: S102–S103
 - **Stereotactic Radiosurgery for Spinal Metastases from Melanoma, Sarcoma, Renal Cell Carcinoma, and Hepatocellular Carcinoma**
Fujimoto, D. K., Kumar, K. A., White, E. C., Ho, C. K., Azoulay, M., Aggarwal, S., Pradhan, P., Gibbs, I. C., Adler, J. R., Chang, S. D., Hancock, S. L., Choi, C. H., Soltys, et al
ELSEVIER SCIENCE INC.2017: E73
 - **Spine Stereotactic Radiosurgery: Outcomes and Predictors of Local Recurrence**
Kumar, K. A., Fujimoto, D. K., White, E. C., Ho, C. K., Azoulay, M., Gibbs, I. C., Adler, J. R., Chang, S. D., Hancock, S. L., Desai, A., Ratliff, J., Soltys, S. G., Choi, et al
ELSEVIER SCIENCE INC.2017: E86
 - **Kidney Cancer, Version 2.2017 Clinical Practice Guidelines in Oncology** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
Motzer, R. J., Jonasch, E., Agarwal, N., Bhayani, S., Bro, W. P., Chang, S. S., Choueiri, T. K., Costello, B. A., Derweesh, I. H., Fishman, M., Gallagher, T. H., Gore, J. L., Hancock, et al
2017; 15 (6): 804–34
 - **Phase 1/2 Trial of 5-Fraction Stereotactic Radiosurgery With 5-mm Margins With Concurrent and Adjuvant Temozolomide in Newly Diagnosed Supratentorial Glioblastoma: Health-Related Quality of Life Results.** *International journal of radiation oncology, biology, physics*
Pollom, E. L., Fujimoto, D., Wynne, J., Seiger, K., Modlin, L. A., Jacobs, L. R., Azoulay, M., von Eyben, R., Tupper, L., Gibbs, I. C., Hancock, S. L., Li, G., Chang, et al
2017; 98 (1): 123-130
 - **Consolidative Radiotherapy in Metastatic Urothelial Cancer.** *Clinical genitourinary cancer*
Shah, S., Zhang, C. A., Hancock, S., Fan, A., Skinner, E., Srinivas, S.
2017
 - **Very high-energy electron (VHEE) beams in radiation therapy; Treatment plan comparison between VHEE, VMAT, and PPBS.** *Medical physics*
Schüler, E., Eriksson, K., Hynning, E., Hancock, S. L., Hiniker, S. M., Bazalova-Carter, M., Wong, T., Le, Q., Loo, B. W., Maxim, P. G.
2017
 - **Imaging changes over 18 months following stereotactic radiosurgery for brain metastases: both late radiation necrosis and tumor progression can occur.** *Journal of neuro-oncology*
Fujimoto, D. n., von Eyben, R. n., Gibbs, I. C., Chang, S. D., Li, G. n., Harsh, G. R., Hancock, S. n., Fischbein, N. n., Soltys, S. G.
2017
 - **Prospective Evaluation of 68Ga-RM2 PET/MRI in Patients with Biochemical Recurrence of Prostate Cancer and Negative Conventional Imaging.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
Minamimoto, R. n., Sonni, I. n., Hancock, S. n., Vasanawala, S. n., Loening, A. n., Gambhir, S. S., Iagaru, A. n.
2017
 - **Spinal Stereotactic Radiosurgery: Comparison of Targeting the Gross Tumor Volume Alone Versus With the Adjacent Vertebral Segment**
Kumar, K. A., White, E. C., Ho, C. K., Azoulay, M., Fujimoto, D. K., Aggarwal, S., Gibbs, I. C., Adler, J. R., Hancock, S. L., Choi, C. H., Soltys, S. G.
ELSEVIER SCIENCE INC.2016: S175
 - **The Role of Stereotactic Radiosurgery in the Reirradiation of Metastatic Spinal Tumors.** *International journal of radiation oncology, biology, physics*
Ho, C. K., Kumar, K. A., White, E. C., Azoulay, M., Fujimoto, D. K., Aggarwal, S., Gensheimer, M. F., Gibbs, I. C., Adler, J. R., Chang, S. D., Hancock, S. L., Choi, C. Y., Soltys, et al
2016; 96 (2S): E131-?
 - **A Phase I/II Trial of 5 Fraction Stereotactic Radiosurgery With 5-mm Margins With Concurrent and Adjuvant Temozolomide in Newly Diagnosed Supratentorial Glioblastoma Multiforme.** *International journal of radiation oncology, biology, physics*
Azoulay, M., Ho, C. K., Fujimoto, D. K., Modlin, L. A., Gibbs, I. C., Hancock, S. L., Li, G., Chang, S. D., Adler, J. R., Harsh, G. R., Nagpal, S., Thomas, R., Recht, et al

2016; 96 (2S): E131-E132

- **Accuracy of Predicting Survival Outcomes in Palliative Radiation Therapy Patients**
Aggarwal, S., Prionas, N. D., Carter, J. N., Pradhan, P., Bui, J. L., von Eyben, R., Ho, C. K., Hancock, S. L., Soltys, S. G., Koong, A. C., Chang, D. T.
ELSEVIER SCIENCE INC.2016: S148-S149
- **New Enhancement Over 18 Months Following Stereotactic Radiosurgery for Brain Metastases: Both Radiation Necrosis and Tumor Failure Can Occur**
Fujimoto, D. K., von Eyben, R., Li, G., Chang, S. D., Fischbein, N., Harsh, G. R., Hancock, S. L., Gibbs, I. C., Soltys, S. G.
ELSEVIER SCIENCE INC.2016: E129
- **The Outcome of Hypofractionated Stereotactic Radiosurgery for Large Vestibular Schwannomas.** *World neurosurgery*
Teo, M., Zhang, M., Li, A., Thompson, P. A., Tayag, A. T., Wallach, J., Gibbs, I. C., Soltys, S. G., Hancock, S. L., Chang, S. D.
2016; 93: 398-409
- **Evaluation of Transperineal Ultrasound Imaging as a Potential Solution for Target Tracking During Ablative Body Radiotherapy for Prostate Cancer**
Najafi, M., Han, B., Cooper, D., Hancock, S., Hristov, D.
WILEY.2016: 3649
- **Deep Convolutional Neural Network Image Matching for Ultrasound Guidance in Radiotherapy**
Zhu, N., Najafi, M., Hancock, S., Hristov, D.
WILEY.2016: 3331
- **Breast Imaging in Women Previously Irradiated for Hodgkin Lymphoma.** *American journal of clinical oncology*
Horst, K. C., Fero, K. E., Hancock, S. L., Advani, R. H., Ikeda, D. M., Daniel, B., Rosenberg, S. A., Donaldson, S. S., Hoppe, R. T.
2016; 39 (2): 114-119
- **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
- **Pilot Comparison of Ga-68-RM2 PET and Ga-68-PSMA-11 PET in Patients with Biochemically Recurrent Prostate Cancer** *JOURNAL OF NUCLEAR MEDICINE*
Minamimoto, R., Hancock, S., Schneider, B., Chin, F. T., Jamali, M., Loening, A., Vasanaawala, S., Gambhir, S. S., Iagaru, A.
2016; 57 (4): 557-562
- **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
- **Consolidative radiotherapy in metastatic urothelial cancer (MUC)**
Srinivas, S., Narayanan, S., Fan, A. C., Hancock, S., Skinner, E. C.
AMER SOC CLINICAL ONCOLOGY.2016
- **Ga-68-DOTA-Bombesin (Ga-68-RM2 or Ga-68-Bombesin) PET versus Ga-68-PSMA PET: A pilot prospective evaluation in patients with biochemical recurrence of prostate cancer.**
Iagaru, A., Minamimoto, R., Hancock, S., Mitra, E., Loening, A., Vasanaawala, S.
AMER SOC CLINICAL ONCOLOGY.2016
- **Analysis of Tolerance of the Visual Pathway to Single Fraction and Hypofractionated Stereotactic Radiosurgery**
Hiniker, S. M., Modlin, L. A., Binkley, M. S., Harris, J. P., Seiger, K., Adler, J. R., Gibbs, I. C., Chang, S. D., Harsh, G. R., Li, G., Hancock, S. L., Soltys, S. G.
ELSEVIER SCIENCE INC.2015: E116-E117
- **A Phase I/II Dose-Escalation Trial of 3-Fraction Stereotactic Radiosurgery (SRS) for Large Resection Cavities of Brain Metastases**
Soltys, S. G., Seiger, K., Modlin, L. A., Gibbs, I. C., Hara, W., Kidd, E. A., Hancock, S. L., Diehn, M., Chang, S. D., Adler, J. R., Harsh, G. R., Li, G., Choi, et al
ELSEVIER SCIENCE INC.2015: S38
- **Spinal Stereotactic Radiosurgery: Dosimetric Correlates of Tumor Control**
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