



Steven Hancock, MD

Professor of Radiation Oncology (Radiation Therapy), Emeritus

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.

ACADEMIC APPOINTMENTS

- Emeritus Faculty - University Medical Line, Radiation Oncology
- Member, Stanford Cancer Institute

PROFESSIONAL EDUCATION

- Internship: Stanford University School of Medicine (1977) CA
- Residency: Stanford University Dept of Radiation Oncology (1981) CA
- 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 Internal Medicine Residency (1980) CA
- Residency: Stanford University Dept of Radiation Oncology (1978) 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

- Assessment of 3D Transperineal Ultrasound Imaging w/ Matrix Array Transducers in Prostate Radiotherapy, Not Recruiting
- High-Dose Brachytherapy in Treating Patients With Prostate Cancer, Not Recruiting
- Sodium Selenite and Radiation Therapy in Treating Patients With Metastatic Cancer, Not Recruiting

Publications

PUBLICATIONS

- **Clinical and radiological outcomes of orbital metastases treated with stereotactic radiosurgery: a single-institution retrospective series and review of the literature.** *Journal of neurosurgery*
Zamarud, A., Hori, Y. S., Kattaa, A. H., Persad, A. R., Yoo, K., Tayag, A., Ustrzynski, L., Emrich, S. C., Hancock, S. L., Park, D. J., Chang, S. D.
2026: 1-7
- **A phase 2 single-arm trial of high-dose precision targeted radiotherapy added to immunotherapy for patients with metastatic non-small cell lung cancer.** *International journal of radiation oncology, biology, physics*
Gensheimer, M. F., Kotha, N. V., Vitzthum, L. K., Chin, A. L., Jackson, S., t Erve, I. v., Pratapneni, A., Le-Budka, M. L., Wong, S., Brown, E., Barnick, K., Wakelee, H. A., Das, et al
2024
- **Auto-delineation of treatment target volume for radiation therapy using large language model-aided multimodal learning.** *International journal of radiation oncology, biology, physics*
Rajendran, P., Chen, Y., Qiu, L., Niedermayr, T., Liu, W., Buyyounouski, M., Bagshaw, H., Han, B., Yang, Y., Kovalchuk, N., Gu, X., Hancock, S., Xing, et al
2024
- **Stereotactic radiosurgery for facial nerve hemangioma: Case report and systematic review.** *Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia*
Park, D. J., Hori, Y. S., Nernekli, K., Persad, A. R., Tayag, A., Ustrzynski, L., Emrich, S. C., Hancock, S. L., Chang, S. D.
2024; 126: 21-25
- **⁶⁸Ga-RM2 PET-MRI versus MRI alone for evaluation of patients with biochemical recurrence of prostate cancer: a single-centre, single-arm, phase 2/3 imaging trial.** *The Lancet. Oncology*
Duan, H., Moradi, F., Davidzon, G. A., Liang, T., Song, H., Loening, A. M., Vasanawala, S., Srinivas, S., Brooks, J. D., Hancock, S., Jagaru, A.
2024
- **Treatment of Trigeminal Neuralgia Secondary to Petroclival Meningioma Using Microsurgical Resection, Microvascular Decompression, and Stereotactic Radiosurgery: 2-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
Park, D. J., Kumar, K. K., Marianayagam, N. J., Yener, U., Rahimy, E., Hancock, S., Meola, A., Chang, S. D.
2024; 26 (1): 107-108
- **Role of Fractionation in Local Control of Spinal Metastases Treated with Stereotactic Radiosurgery.** *International journal of radiation oncology, biology, physics*
Klebaner, D., Pollom, E., Mendoza, M., Kumar, K. A., Gibbs, I. C., Chang, S. D., Hancock, S. L., Soltys, S. G.

2023; 117 (2S): e117-e118

- **Role of Fractionation in Local Control of Spinal Metastases Treated with Stereotactic Radiosurgery**
Klebaner, D., Pollom, E., Mendoza, M., Kumar, K. A., Gibbs, I. C., Chang, S. D., Hancock, S. L., Soltys, S. G.
ELSEVIER SCIENCE INC.2023: E117-E118
- **Individualized Stereotactic Ablative Radiotherapy for Lung Tumors: The iSABR Phase 2 Nonrandomized Controlled Trial.** *JAMA oncology*
Gensheimer, M. F., Gee, H., Shirato, H., Taguchi, H., Snyder, J. M., Chin, A. L., Vitzthum, L. K., Maxim, P. G., Wakelee, H. A., Neal, J., Das, M., Chang, D. T., Kidd, et al
2023
- **Final Analysis of a Prospective, Single-center, Phase II/III Imaging Trial of⁶⁸Ga-RM2 PET/MRI in Patients with Biochemical Recurrence of Prostate Cancer**
Duan, H., Moradi, F., Davidzon, G. A., Liang, T., Song, H., Loening, A., Vasanawala, S., Srinivas, S., Brooks, J. D., Hancock, S. L., Iagaru, A.
SPRINGER.2023: S229
- **Patterns of Progression in Patients with Newly Diagnosed Glioblastoma Treated with 5 mm Margins on a Phase I/II Trial of 5 Fraction Stereotactic Radiosurgery with Concurrent and Adjuvant Temozolomide.** *Practical radiation oncology*
Mendoza, M. G., Azoulay, M., Chang, S. D., Gibbs, I. C., Hancock, S. L., Pollom, E. L., Adler, J. R., Harraher, C., Li, G., Gephart, M. H., Nagpal, S., Thomas, R. P., Recht, et al
2023
- **Synchronous glioblastoma and brain metastases: illustrative case.** *Journal of neurosurgery. Case lessons*
Shahsavari, N., Ahmad, M., Sekar, V., Meola, A., Hancock, S. L., Chang, S. D., Chiang, V. L.
2022; 3 (12)
- **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., Iagaru, 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., Enamekhoo, 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
- **RESULTS OF A PHASE I/II TRIAL OF 5 FRACTION STEREOTACTIC RADIOSURGERY WITH CONCURRENT AND ADJUVANT TEMOZOLOMIDE IN NEWLY DIAGNOSED SUPRATENTORIAL GLIOBLASTOMA MULTIFORME**
Azoulay, M., Fujimoto, D., Modlin, L., Ho, C., Gibbs, I., Hancock, S. L., Li, G., Chang, S. D., Adler, J. R., Harsh, G. R., Harraher, C., Nagpal, S., Thomas, et al
ELSEVIER IRELAND LTD.2016: S14
- **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**
Kumar, K. A., Choi, C. H., White, E. C., Qian, Y., Gibbs, I. C., Adler, J. R., Chang, S. D., Hancock, S. L., Soltys, S. G.
ELSEVIER SCIENCE INC.2015: E118
 - **Repeat Courses of Stereotactic Radiosurgery (SRS), Deferring Whole-Brain Irradiation, for New Brain Metastases After Initial SRS** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Shultz, D. B., Modlin, L. A., Jayachandran, P., von Eyben, R., Gibbs, I. C., Choi, C. Y., Chang, S. D., Harsh, G. R., Li, G., Adler, J. R., Hancock, S. L., Soltys, S. G.
2015; 92 (5): 993-999
 - **Testicular Cancer, Version 2.2015** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
Motzer, R. J., Jonasch, E., Agarwal, N., Beard, C., Bhayani, S., Bolger, G. B., Chang, S. S., Choueiri, T. K., Costello, B. A., Derweesh, I. H., Gupta, S., Hancock, S. L., Kim, et al
2015; 13 (6): 772-798
 - **Kidney cancer, version 3.2015.** *Journal of the National Comprehensive Cancer Network*
Motzer, R. J., Jonasch, E., Agarwal, N., Beard, C., Bhayani, S., Bolger, G. B., Chang, S. S., Choueiri, T. K., Costello, B. A., Derweesh, I. H., Gupta, S., Hancock, S. L., Kim, et al
2015; 13 (2): 151-159
 - **Repeat Stereotactic Radiosurgery (SRS) for Brain Metastases Locally Recurrent Following Initial SRS**
Jayachandran, P., Shultz, D., Modlin, L., Von Eyben, R., Gibbs, I. C., Chang, S., Harsh, G., Li, G., Adler, J., Hancock, S. L., Soltys, S. G.
ELSEVIER SCIENCE INC.2014: S320
 - **Quick Radiation Treatment Prostate Planning Using Matched-Plans: Improved Quality and Workflow**
Holcombe, C., King, M., Carpenter, C., Davidi, R., Mourlas, N., Lei, X., Kapp, D., Buyyounouski, M., Hancock, S., Bush, K., Atwood, T.
ELSEVIER SCIENCE INC.2014: S191–S192

- **Repeat Stereotactic Radiosurgery (SRS) for New Brain Metastases Following Initial SRS: Accumulated Tumor Volume and Graded Prognostic Assessment (GPA) Score Calculated at Each Course Correlate With Overall Survival**
Shultz, D. B., Modlin, L. A., Jayachandran, P., Von Eiben, R., Gibbs, I. C., Chang, S. D., Harsh, G. R., Li, G., Adler, J. R., Adler, J. R., Hancock, S. L., Soltys, S. G.
ELSEVIER SCIENCE INC.2014: S311–S312
- **Repeat Resection Cavity Stereotactic Radiosurgery (SRS) for Brain Metastases Locally Recurrent Following Initial Resection Cavity Boost**
Modlin, L. A., Shultz, D. B., Jayachandran, P., Gibbs, I. C., Chang, S. D., Harsh, G. R., Li, G., Adler, J. R., Hancock, S. L., Soltys, S. G.
ELSEVIER SCIENCE INC.2014: S327
- **Patient-specific Dose Escalation Using Patient-Matching Machine Learning**
Bush, K., Holcombe, C., Kapp, D., Buyyounouski, M., Hancock, S., Xing, L., Atwood, T., King, M.
AMER ASSOC PHYSICISTS MEDICINE AMER INST PHYSICS.2014: 22
- **Identification and Improvement of Patients Eligible for Dose Escalation with Matched Plans**
Bush, K., Holcombe, C., Kapp, D., Buyyounouski, M., Hancock, S., Xing, L., Atwood, T., King, M.
WILEY.2014: 371
- **Combined NaF/FDG PET/CT evaluation of prostate cancer patients**
Iagaru, A., Mosci, C., Keu, K., Mittra, E., Hancock, S., Pachynski, R., Srinivas, S., Gambhir, S.
SOC NUCLEAR MEDICINE INC.2014
- **Histologic subtypes of breast cancer following radiotherapy for Hodgkin lymphoma. *Annals of oncology***
Horst, K. C., Hancock, S. L., Ognibene, G., Chen, C., Advani, R. H., Rosenberg, S. A., Donaldson, S. S., Hoppe, R. T.
2014; 25 (4): 848-851
- **Histologic subtypes of breast cancer following radiotherapy for Hodgkin lymphoma. *Annals of oncology : official journal of the European Society for Medical Oncology***
Horst, K. C., Hancock, S. L., Ognibene, G., Chen, C., Advani, R. H., Rosenberg, S. A., Donaldson, S. S., Hoppe, R. T.
2014; 25 (4): 848–51
- **Kidney Cancer, Version 2.2014 Featured Updates to the NCCN Guidelines *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK***
Motzer, R. J., Jonasch, E., Agarwal, N., Beard, C., Bhayani, S., Bolger, G. B., Chang, S. S., Choueiri, T. K., Derweesh, I. H., Gupta, S., Hancock, S. L., Kim, J. J., Kuzel, et al
2014; 12 (2): 175-182
- **Kidney cancer, version 2.2014. *Journal of the National Comprehensive Cancer Network***
Motzer, R. J., Jonasch, E., Agarwal, N., Beard, C., Bhayani, S., Bolger, G. B., Chang, S. S., Choueiri, T. K., Derweesh, I. H., Gupta, S., Hancock, S. L., Kim, J. J., Kuzel, et al
2014; 12 (2): 175-182
- **Impact of chemotherapy on normal tissue complication probability models of acute hematologic toxicity in patients receiving pelvic intensity modulated radiation therapy. *International journal of radiation oncology, biology, physics***
Bazan, J. G., Luxton, G., Kozak, M. M., Anderson, E. M., Hancock, S. L., Kapp, D. S., Kidd, E. A., Koong, A. C., Chang, D. T.
2013; 87 (5): 983-991
- **Automatic prostate tracking and motion assessment in volumetric modulated arc therapy with an electronic portal imaging device. *International journal of radiation oncology, biology, physics***
Azcona, J. D., Li, R., Mok, E., Hancock, S., Xing, L.
2013; 86 (4): 762-768
- **Development and clinical evaluation of automatic fiducial detection for tumor tracking in cine megavoltage images during volumetric modulated arc therapy *MEDICAL PHYSICS***
Azcona, J. D., Li, R., Mok, E., Hancock, S., Xing, L.
2013; 40 (3)
- **Normal Tissue Complication Probability Modeling of Acute Hematologic Toxicity in Patients Receiving Pelvic IMRT and Concurrent Chemotherapy *54th Annual Meeting of the American-Society-for-Radiation-Oncology (ASTRO)***
Bazan, J. G., Luxton, G., Kozak, M. M., Anderson, E. M., Hancock, S. L., Kapp, D. S., Kidd, E. A., Hara, W. Y., Koong, A. C., Chang, D. T.
ELSEVIER SCIENCE INC.2012: S350–S350

- **Assessment of the Prostate Motion During Volumetric Modulated Treatments**
Azcona, J., Li, R., Mok, E., Hancock, S., Xing, L.
ELSEVIER SCIENCE INC.2012: S739–S740
- **Esophageal tolerance to high-dose stereotactic ablative radiotherapy** *DISEASES OF THE ESOPHAGUS*
Abelson, J. A., Murphy, J. D., Loo, B. W., Chang, D. T., Daly, M. E., Wiegner, E. A., Hancock, S., Chang, S. D., Le, Q., Soltys, S. G., Gibbs, I. C.
2012; 25 (7): 623-629
- **Testicular Cancer Clinical Practice Guidelines in Oncology** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
Motzer, R. J., Agarwal, N., Beard, C., Bhayani, S., Bolger, G. B., Buyyounouski, M. K., Carducci, M. A., Chang, S. S., Choueiri, T. K., Gupta, S., Hancock, S. L., Hudes, G. R., Jonasch, et al
2012; 10 (4): 502-535
- **Kidney cancer.** *Journal of the National Comprehensive Cancer Network*
Motzer, R. J., Agarwal, N., Beard, C., Bhayani, S., Bolger, G. B., Carducci, M. A., Chang, S. S., Choueiri, T. K., Hancock, S. L., Hudes, G. R., Jonasch, E., Josephson, D., Kuzel, et al
2011; 9 (9): 960-977
- **NCCN Clinical Practice Guidelines in Oncology for Kidney Cancer** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
Motzer, R. J., Agarwal, N., Beard, C., Bhayani, S., Bolger, G. B., Carducci, M. A., Chang, S. S., Choueiri, T. K., Hancock, S. L., Hudes, G. R., Jonasch, E., Josephson, D., Kuzel, et al
2011; 9 (9): 960-977
- **Clinical development of a failure detection-based online repositioning strategy for prostate IMRT-Experiments, simulation, and dosimetry study** *MEDICAL PHYSICS*
Liu, W., Qian, J., Hancock, S. L., Xing, L., Luxton, G.
2010; 37 (10): 5287-5297
- **A Real-time Low-dose Imaging Strategy for Online Patient Repositioning or Respiratory Gating during IMRT or VMAT** *52nd Annual Meeting of the American-Society-for-Therapeutic-Radiation-Oncology (ASTRO)*
Liu, W., Luxton, G., Mastoridis, T., Hancock, S. L., Xing, L.
ELSEVIER SCIENCE INC.2010: S724–S725
- **Analysis of Breast Cancer Subtypes in Women who Develop Breast Cancer following Mantle Irradiation for Hodgkin's Disease**
Horst, K. C., Hancock, S., Advani, R., Horning, S., Rosenberg, S., Hoppe, R. T.
ELSEVIER SCIENCE INC.2010: S206–S207
- **NCCN clinical practice guidelines in oncology: testicular cancer.** *Journal of the National Comprehensive Cancer Network*
Motzer, R. J., Agarwal, N., Beard, C., Bolger, G. B., Boston, B., Carducci, M. A., Choueiri, T. K., Figlin, R. A., Fishman, M., Hancock, S. L., Hudes, G. R., Jonasch, E., Kessinger, et al
2009; 7 (6): 672-693
- **Testicular Cancer** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
Motzer, R. J., Agarwal, N., Beard, C., Bolger, G. B., Boston, B., Carducci, M. A., Choueiri, T. K., Figlin, R. A., Fishman, M., Hancock, S. L., Hudes, G. R., Jonasch, E., Kessinger, et al
2009; 7 (6): 672-693
- **Kidney Cancer** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
Motzer, R. J., Agarwal, N., Beard, C., Bolger, G. B., Boston, B., Carducci, M. A., Choueiri, T. K., Figlin, R. A., Fishman, M., Hancock, S. L., Hudes, G. R., Jonasch, E., Kessinger, et al
2009; 7 (6): 618-630
- **NCCN clinical practice guidelines in oncology: kidney cancer.** *Journal of the National Comprehensive Cancer Network*
Motzer, R. J., Agarwal, N., Beard, C., Bolger, G. B., Boston, B., Carducci, M. A., Choueiri, T. K., Figlin, R. A., Fishman, M., Hancock, S. L., Hudes, G. R., Jonasch, E., Kessinger, et al
2009; 7 (6): 618-630
- **Mammographic screening in women at increased risk of breast cancer after treatment of Hodgkin's disease** *American-Society-of-Breast-Disease Symposium*
Kwong, A., Hancock, S. L., Bloom, J. R., Pal, S., Birdwell, R. L., Mariscal, C., Ikeda, D. M.
BLACKWELL PUBLISHING.2008: 39–48

- **A prospective trial of involved field radiation (IFRT) plus chemotherapy vs extended field (EFRT) radiation for favorable Hodgkin's disease (HD): Long-term follow-up and implications for current combined modality therapy** *7th International Symposium on Hodgkins Lymphoma*
Horning, S. J., Hoppe, R. T., Advani, R. H., Breslin, S., McCormick, E., Allen, J., Hancock, S. L., Rosenberg, S. A.
FERRATA STORTI FOUNDATION.2007: 53-53
- **Radiotherapy after prostatectomy: Improved biochemical relapse-free survival with whole pelvic compared with prostate bed only for high-risk patients** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Spiotto, M. T., Hancock, S. L., King, C. R.
2007; 69 (1): 54-61
- **A prospective trial of involved field radiation (IFRT) plus chemotherapy compared to extended field (EFRT) radiation for favorable Hodgkin disease: Survival differences and implications of mature follow-up for current combined modality therapy**
Horning, S. J., Hoppe, R. T., Advani, R. H., Breslin, S., Allen, J., Hancock, S. L., Rosenberg, S. A.
AMER SOC CLINICAL ONCOLOGY.2007
- **A study of the accuracy of cyberknife spinal radiosurgery using skeletal structure tracking.** *Neurosurgery*
Ho, A. K., Fu, D., Cotrutz, C., Hancock, S. L., Chang, S. D., Gibbs, I. C., Maurer, C. R., Adler, J. R.
2007; 60 (2): ONS147-56
- **A study of the accuracy of CyberKnife spinal radiosurgery using skeletal structure tracking** *NEUROSURGERY*
Ho, A. K., Fu, D., Cotrutz, C., Hancock, S. L., Chang, S. D., Gibbs, I. C., Maurer, C. R., Adler, J. R.
2007; 60 (2): 147-156
- **Screening for coronary artery disease after mediastinal irradiation for Hodgkin's disease** *JOURNAL OF CLINICAL ONCOLOGY*
Heidenreich, P. A., Schnittger, I., Strauss, H. W., Vagelos, R. H., Lee, B. K., Mariscal, C. S., Tate, D. J., Horning, S. J., Hoppe, R. T., Hancock, S. L.
2007; 25 (1): 43-49
- **Improved biochemical relapse-free survival with whole pelvic compared to prostate bed only radiotherapy for high-risk patients after prostatectomy**
Spiono, M. T., Hancock, S., King, C. R.
ELSEVIER SCIENCE INC.2007: S173-S174
- **Testicular cancer. Clinical practice guidelines in oncology.** *Journal of the National Comprehensive Cancer Network*
Motzer, R. J., Bolger, G. B., Boston, B., Carducci, M. A., Fishman, M., Hancock, S. L., Hauke, R. J., Hudes, G. R., Jonasch, E., Kantoff, P., Kuzel, T. M., Lange, P. H., Levine, et al
2006; 4 (10): 1038-1058
- **Kidney cancer. Clinical practice guidelines in oncology.** *Journal of the National Comprehensive Cancer Network*
Motzer, R. J., Bolger, G. B., Boston, B., Carducci, M. A., Fishman, M., Hancock, S. L., Hauke, R. J., Hudes, G. R., Jonasch, E., Kantoff, P., Kuzel, T. M., Lange, P. H., Levine, et al
2006; 4 (10): 1072-1081
- **Breast cancer screening in women surviving Hodgkin disease** *AMERICAN JOURNAL OF CLINICAL ONCOLOGY-CANCER CLINICAL TRIALS*
Bloom, J. R., Stewart, S. L., Hancock, S. L.
2006; 29 (3): 258-266
- **Impact on nodal dose distribution from daily fiducial tracking for IMRT prostate and pelvic node treatments** *48th Annual Meeting of the American-Association-of-Physicists-in-Medicine*
Hsu, A., Pawlicki, T., King, C., Hancock, S., Luxton, G.
AMER ASSOC PHYSICISTS MEDICINE AMER INST PHYSICS.2006: 2216-16
- **Clinical manifestations of noncoronary atherosclerotic vascular disease after moderate dose irradiation** *CANCER*
Patel, D. A., Kochanski, J., Suen, A. W., Fajardo, L. F., Hancock, S. L., Knox, S. J.
2006; 106 (3): 718-725
- **On-board volumetric CT-based adaptive IMRT for improved prostate cancer treatment** *48th Annual Meeting of the American-Society-for-Therapeutic-Radiology-and-Oncology (ASTRO)*
Xing, L., de la Zerd, A., Cao, M., Li, T., Armbrush, B., Yang, Y., Lee, P., Pawlicki, T., Hancock, S., King, C.
ELSEVIER SCIENCE INC.2006: S624-S625
- **Diastolic dysfunction after mediastinal irradiation** *AMERICAN HEART JOURNAL*

- Heidenreich, P. A., Hancock, S. L., Vagelos, R. H., Lee, B. K., Schnittger, I.
2005; 150 (5): 977-982
- **Report from the Rockefeller Foundation Sponsored International Workshop on reducing mortality and improving quality of life in long-term survivors of Hodgkin's disease: July 9-16, 2003, Bellagio, Italy** *6th International Symposium on Hodgkins Disease*
Mauch, P., Ng, A., Aleman, B., Carde, P., Constine, L., Diehl, V., Dinshaw, K., Gospodarowicz, M., Hancock, S., Hodgson, D., Hoppe, R., Liang, R., Loeffler, et al
WILEY-BLACKWELL.2005: 68-76
 - **Metabolism of the 16-androstene steroids in primary cultured porcine hepatocytes** *JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY*
Sinclair, P. A., Hancock, S., Gilmore, W. J., Squires, E. J.
2005; 96 (1): 79-87
 - **Testicular cancer. Clinical practice guidelines.** *Journal of the National Comprehensive Cancer Network*
Motzer, R. J., Bahnson, R. R., Boston, B., Carducci, M. A., Fishman, M., Hancock, S. L., Hauke, R. J., Hudes, G. R., Kantoff, P., Kuzel, T. M., Lange, P. H., Levine, E. G., Logothetis, et al
2005; 3 (1): 52-76
 - **Kidney cancer. Clinical practice guidelines.** *Journal of the National Comprehensive Cancer Network*
Motzer, R. J., Carducci, M. A., Fishman, M., Hancock, S. L., Hauke, R. J., Hudes, G. R., Kantoff, P., Kuzel, T. M., Lange, P. H., Levine, E. G., Logothetis, C., Margolin, K. A., Pili, et al
2005; 3 (1): 84-93
 - **A systolic murmur is a common presentation of aortic regurgitation detected by echocardiography** *CLINICAL CARDIOLOGY*
Heidenreich, P. A., Schnittger, I., Hancock, S. L., Atwood, J. E.
2004; 27 (9): 502-506
 - **Radiotherapy after radical prostatectomy: Does transient androgen suppression improve outcomes?** *44th Annual Meeting of the American-Society-for-Therapeutic-Radiology-and-Oncology*
King, C. R., Presti, J. C., Gill, H., Brooks, J., Hancock, S. L.
ELSEVIER SCIENCE INC.2004: 341-47
 - **IMRT versus conformal 3-D planning for prostate cancer: Comparison of biological model calculations of NTCP and TCP**
Luxton, G., Hancock, S. L., Boyer, A. L.
AMER ASSOC PHYSICISTS MEDICINE AMER INST PHYSICS.2004: 1894
 - **Comparison of a computerized radiography system with an amorphous silicon electronic portal Imaging device**
Lo, A., Hai, J., Koumrian, T., Luxton, G., King, C., Hancock, S., Boyer, A.
AMER ASSOC PHYSICISTS MEDICINE AMER INST PHYSICS.2004: 1871
 - **Dosimetry and radiobiologic model comparison of IMRT and 3D conformal radiotherapy in treatment of carcinoma of the prostate** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Luxton, G., Hancock, S. L., Boyer, A. L.
2004; 59 (1): 267-284
 - **Using finite-element method to register endorectal coil-based MRI/MRSI with treatment planning CT images** *46th Annual Meeting of the American-Society-for-Therapeutic-Radiology-and-Oncology*
Schreibmann, E., Kim, D., Hancock, S. L., Boyer, A., Spielman, D., Daniel, B., Xing, L.
ELSEVIER SCIENCE INC.2004: S592-S593
 - **Asymptomatic cardiac disease following mediastinal irradiation** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Heidenreich, P. A., Hancock, S. L., Lee, B. K., Mariscal, C. S., Schnittger, I.
2003; 42 (4): 743-749
 - **Post-irradiation polyradiculopathy mimics leptomeningeal tumor on MRI** *NEUROLOGY*
Hsia, A. W., Katz, J. S., Hancock, S. L., Peterson, K.
2003; 60 (10): 1694-1696
 - **Role of beam orientation optimization in intensity-modulated radiation therapy** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*

- Pugachev, A., Li, J. G., Boyer, A. L., Hancock, S. L., Le, Q. T., Donaldson, S. S., Xing, L.
2001; 50 (2): 551-560
- **Hodgkin's Lymphoma: Choice of Therapy and Late Complications.** *Hematology / the Education Program of the American Society of Hematology. American Society of Hematology. Education Program*
Linch, D. C., Gosden, R. G., Tulandi, T., Tan, S. L., Hancock, S. L.
2000: 205-221
 - **Management of breast cancer after Hodgkin's disease** *39th Annual Meeting of the American-Society-for-Therapeutic-Radiology-and-Oncology*
Wolden, S. L., Hancock, S. L., Carlson, R. W., Goffinet, D. R., Jeffrey, S. S., Hoppe, R. T.
AMER SOC CLINICAL ONCOLOGY.2000: 765-72
 - **Image-guided robotic radiosurgery: Clinical and radiographic results with the CyberKnife** *4th International-Stereotactic-Radiosurgery-Society Congress*
Chang, S. D., MURPHY, M. J., Martin, D. P., Hancock, S. L., Doty, J. R., Adler, J. R.
KARGER.2000: 23-33
 - **Fractionated stereotactic radiosurgery and preservation of hearing in patients with vestibular schwannoma: A preliminary report** *NEUROSURGERY*
Poen, J. C., Golby, A. J., Forster, K. M., Martin, D. P., Chinn, D. M., Hancock, S. L., Adler, J. R.
1999; 45 (6): 1299-1305
 - **The Janeway lecture. Hodgkin's disease--finding the balance between cure and late effects.** *cancer journal from Scientific American*
Donaldson, S. S., Hancock, S. L., Hoppe, R. T.
1999; 5 (6): 325-333
 - **Hodgkin's disease - Finding the balance between cure and late effects** *81st Annual Meeting of the American-Radium-Society*
Donaldson, S. S., Hancock, S. L., Hoppe, R. T.
LIPPINCOTT WILLIAMS & WILKINS.1999: 325-33
 - **Image-guided robotic radiosurgery** *Neurosurgery*
Adler, J. R., Murphy, M. J., Chang, S. D., Hancock, S. L.
1999; 44 (6): 1299-306; discussion 1306-7
 - **Image-guided robotic radiosurgery** *NEUROSURGERY*
Adler, J. R., MURPHY, M. J., Chang, S. D., Hancock, S. L.
1999; 44 (6): 1299-1306
 - **Radiation therapy for clinically localized prostate cancer - A multi-institutional pooled analysis** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Shipley, W. U., Thames, H. D., Sandler, H. M., Hanks, G. E., Zietman, A. L., Perez, C. A., Kuban, D. A., Hancock, S. L., Smith, C. D.
1999; 281 (17): 1598-1604
 - **Treatment of cavernous sinus tumors with linear accelerator radiosurgery** *SKULL BASE SURGERY*
Chang, S. D., Doty, J. R., Martin, D. P., Hancock, S. L., Adler, J. R.
1999; 9 (3): 195-199
 - **Clinical experience with image-guided robotic radiosurgery (the Cyberknife) in the treatment of brain and spinal cord tumors** *NEUROLOGIA MEDICO-CHIRURGICA*
Chang, S. D., Murphy, M., Geis, P., Martin, D. P., Hancock, S. L., Doty, J. R., Adler, J. R.
1998; 38 (11): 780-783
 - **Acute hearing loss following fractionated stereotactic radiosurgery for acoustic neuroma - Report of two cases** *JOURNAL OF NEUROSURGERY*
Chang, S. D., Poen, J., Hancock, S. L., Martin, D. P., Adler, J. R.
1998; 89 (2): 321-325
 - **Clinical uses of radiosurgery** *ONCOLOGY-NEW YORK*
Chang, S. D., Adler, J. R., Hancock, S. L.
1998; 12 (8): 1181-?

- **Treatment of hemangioblastomas in von Hippel-Lindau disease with linear accelerator-based radiosurgery** *NEUROSURGERY*
Chang, S. D., Meisel, J. A., Hancock, S. L., Martin, D. P., McManus, M., Adler, J. R.
1998; 43 (1): 28-34
- **Effect of combined transient androgen deprivation and irradiation following radical prostatectomy for prostatic cancer** *38th ASTRO Annual Meeting*
Eulau, S. M., Tate, D. J., Stamey, T. A., Bagshaw, M. A., Hancock, S. L.
ELSEVIER SCIENCE INC.1998: 735-40
- **Treatment of early recurrent prostate cancer with 1,25-dihydroxyvitamin D3 (calcitriol)** *JOURNAL OF UROLOGY*
Gross, C., Stamey, T., Hancock, S., Feldman, D.
1998; 159 (6): 2035-2039
- **Node-positive prostatic cancer: Taps or a call to arms?** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Hancock, S. L.
1998; 40 (4): 757-759
- **Mediastinal irradiation accelerates age-related diastolic dysfunction**
Heidenreich, P. A., Lee, B., Mariscal, C. S., Tate, D. J., Puryear, J. V., Hancock, S. L., Schnittger, I.
ELSEVIER SCIENCE INC.1998: 243A-243A
- **Silent ischemia following mediastinal irradiation.**
Heidenreich, P. A., Lee, B., Mariscal, C. S., Tate, D. J., Strauss, W. H., Schnittger, I., Hancock, S. L.
LIPPINCOTT WILLIAMS & WILKINS.1997: 527-27
- **Lung cancer after therapy of Hodgkin disease: Influence of treatment and smoking**
Tate, D., Wolden, S., Hancock, S.
PERGAMON-ELSEVIER SCIENCE LTD.1997: 58
- **Stanford-Kaiser permanente G1 study for clinical stage I to IIA Hodgkin's disease: Subtotal lymphoid irradiation versus vinblastine, methotrexate, and bleomycin chemotherapy and regional irradiation** *JOURNAL OF CLINICAL ONCOLOGY*
Horning, S. J., Hoppe, R. T., Mason, J., Brown, B. W., Hancock, S. L., Baer, D., Rosenberg, S. A.
1997; 15 (5): 1736-1744
- **Gastrointestinal cancer after treatment of Hodgkin's disease** *37th Annual Scientific Meeting of the American-Society-for-Therapeutic-Radiology-and-Oncology (ASTRO)*
Birdwell, S. H., Hancock, S. L., Varghese, A., Cox, R. S., Hoppe, R. T.
ELSEVIER SCIENCE INC.1997: 67-73
- **Stereotaxic radiosurgical boost following radiotherapy in primary nasopharyngeal carcinoma: Impact on local control**
Tate, D. J., Eulau, S., Hancock, S., Poen, J., Chang, S., Adler, J., Goffinet, D. R.
PERGAMON-ELSEVIER SCIENCE LTD.1997: 304
- **Management of breast cancer following Hodgkin's disease**
Wolden, S. L., Carlson, R. W., Jeffrey, S. S., Hancock, S. L.
PERGAMON-ELSEVIER SCIENCE LTD.1997: 258
- **The cyberknife: A frameless robotic system for radiosurgery** *XIIIth Meeting of the World Society for Stereotactic and Functional Neurosurgery*
Adler, J. R., Chang, S. D., MURPHY, M. J., Doty, J., Geis, P., Hancock, S. L.
KARGER.1997: 124-28
- **Late effects of treatment for childhood Hodgkin's disease** *NEW ENGLAND JOURNAL OF MEDICINE*
Donaldson, S. S., Hancock, S. L.
1996; 335 (5): 354-55
- **Long-Term Complications of Treatment and Causes of Mortality After Hodgkin's Disease.** *Seminars in radiation oncology*
Hancock, HOPPE
1996; 6 (3): 225-242
- **Linear accelerator-based stereotaxic radiosurgery for brain metastases: The influence of number of lesions on survival** *JOURNAL OF CLINICAL ONCOLOGY*

- Joseph, J., Adler, J. R., Cox, R. S., Hancock, S. L.
1996; 14 (4): 1085-1092
- **Second cancers after Hodgkin's disease in childhood** *NEW ENGLAND JOURNAL OF MEDICINE*
Donaldson, S. S., Hancock, S. L.
1996; 334 (12): 792-794
 - **CONSEQUENCES OF THERAPEUTIC MEDIASTINAL IRRADIATION ON THE HEART - AN ECHOCARDIOGRAPHIC STUDY**
LAU, Y. S., PURYEAR, J. V., MARISCAL, C. S., HANCOCK, S. L., SCHNITTGER
AMER HEART ASSOC.1995: 2854
 - **PROSTATE-SPECIFIC ANTIGEN AFTER RADIOTHERAPY FOR PROSTATE-CANCER - A REEVALUATION OF LONG-TERM BIOCHEMICAL CONTROL AND THE KINETICS OF RECURRENCE IN PATIENTS TREATED AT STANFORD-UNIVERSITY** *JOURNAL OF UROLOGY*
Hancock, S. L., Cox, R. S., Bagshaw, M. A.
1995; 154 (4): 1412-1417
 - **BRIEF CHEMOTHERAPY, STANFORD-V, AND ADJUVANT RADIOTHERAPY FOR BULKY OR ADVANCED-STAGE HODGKINS-DISEASE - A PRELIMINARY-REPORT** *JOURNAL OF CLINICAL ONCOLOGY*
Bartlett, N. L., Rosenberg, S. A., Hoppe, R. T., Hancock, S. L., Horning, S. J.
1995; 13 (5): 1080-1088
 - **STEM-CELL FACTOR ENHANCES THE SURVIVAL OF MURINE INTESTINAL STEM-CELLS AFTER PHOTON IRRADIATION** *RADIATION RESEARCH*
Leigh, B. R., Khan, W., Hancock, S. L., Knox, S. J.
1995; 142 (1): 12-15
 - **THYROID ABNORMALITIES AFTER THERAPEUTIC EXTERNAL RADIATION** *Late Effects of Normal Tissues Consensus Conference*
Hancock, S. L., McDougall, I. R., Constine, L. S.
ELSEVIER SCIENCE INC.1995: 1165-70
 - **CONTROL OF PROSTATE-CANCER WITH RADIOTHERAPY - LONG-TERM RESULTS** *Conference on Detection and Treatment of Early Stage Prostate Cancer*
Bagshaw, M. A., Cox, R. S., Hancock, S. L.
ELSEVIER SCIENCE INC.1994: 1781-85
 - **STEM-CELL FACTOR ENHANCES THE SURVIVAL OF IRRADIATED HUMAN BONE-MARROW MAINTAINED IN SCID MICE** *STEM CELLS*
Leigh, B. R., Webb, S., Hancock, S. L., Knox, S. J.
1994; 12 (4): 430-435
 - **MUSCLE CRAMPING IN PHASE-I CLINICAL-TRIALS OF TIRAPAZAMINE (SR-4233) WITH AND WITHOUT RADIATION** *8th International Conference on Chemical Modifiers of Cancer Treatment*
Doherty, N., Hancock, S. L., Kaye, S., Coleman, C. N., Shulman, L., Marquez, C., Mariscal, C., Rampling, R., Senan, S., ROEMELING, R. V.
PERGAMON-ELSEVIER SCIENCE LTD.1994: 379-82
 - **COMPUTED-TOMOGRAPHY ASSESSMENT OF SPLENIC SIZE AS A PREDICTOR OF SPLENIC WEIGHT AND DISEASE INVOLVEMENT IN LAPAROTOMY STAGED HODGKINS-DISEASE** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Hancock, S. L., SCIDMORE, N. S., Hopkins, K. L., Cox, R. S., Bergin, C. J.
1994; 28 (1): 93-99
 - **FACTORS AFFECTING LATE MORTALITY FROM HEART-DISEASE AFTER TREATMENT OF HODGKINS-DISEASE** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Hancock, S. L., TUCKER, M. A., Hoppe, R. T.
1993; 270 (16): 1949-1955
 - **THE EFFECT OF STEM-CELL FACTOR ON IRRADIATED HUMAN BONE-MARROW** *CANCER RESEARCH*
Leigh, B. R., Hancock, S. L., Knox, S. J.
1993; 53 (17): 3857-3859
 - **CARDIAC DISEASE FOLLOWING TREATMENT OF HODGKINS-DISEASE IN CHILDREN AND ADOLESCENTS** *JOURNAL OF CLINICAL ONCOLOGY*
Hancock, S. L., Donaldson, S. S., Hoppe, R. T.

1993; 11 (7): 1208-1215

- **BREAST-CANCER AFTER TREATMENT OF HODGKINS-DISEASE** *JOURNAL OF THE NATIONAL CANCER INSTITUTE*
Hancock, S. L., TUCKER, M. A., Hoppe, R. T.
1993; 85 (1): 25-31
- **RADIATION OR SURGERY FOR CARCINOMA OF THE ESOPHAGUS - THE ROLE OF ORGAN-CONSERVING THERAPY** *27TH ANNUAL SAN FRANCISCO CANCER SYMP*
Hancock, S. L.
KARGER.1993: 103-117
- **THE EFFECT OF STEM-CELL FACTOR ON IRRADIATED HUMAN BONE-MARROW (ASTRO RESEARCH FELLOWSHIP)**
LEIGH, B. R., HANCOCK, S. L., KNOX, S. J.
PERGAMON-ELSEVIER SCIENCE LTD.1993: 183
- **STEREOTAXIC RADIOSURGERY OF BRAIN METASTASES - THE INFLUENCE OF NUMBER OF LESIONS ON SURVIVAL**
JOSEPH, J., ADLER, COX, R. S., HANCOCK, S. L.
PERGAMON-ELSEVIER SCIENCE LTD.1993: 257-58
- **THYROID-DISEASES AFTER TREATMENT OF HODGKINS-DISEASE** *NEW ENGLAND JOURNAL OF MEDICINE*
Hancock, S. L., Cox, R. S., McDougall, I. R.
1991; 325 (9): 599-605
- **INTERLEUKIN-1-BETA INITIALLY SENSITIZES AND SUBSEQUENTLY PROTECTS MURINE INTESTINAL STEM-CELLS EXPOSED TO PHOTON RADIATION** *CANCER RESEARCH*
Hancock, S. L., Chung, R. T., Cox, R. S., KALLMAN, R. F.
1991; 51 (9): 2280-2285
- **DEATHS AFTER TREATMENT OF HODGKIN DISEASE - CORRECTION** *ANNALS OF INTERNAL MEDICINE*
Hancock, S. L., Cox, R. S., Rosenberg, S. A.
1991; 114 (9): 810-810
- **FINAL REPORT OF THE PHASE-I TRIAL OF THE HYPOXIC CELL RADIOSENSITIZER SR-2508 (ETANIDAZOLE) RADIATION-THERAPY ONCOLOGY GROUP-83-03** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Coleman, C. N., Wasserman, T. H., Urtasun, R. C., Halsey, J., Noll, L., Hancock, S., Phillips, T. L.
1990; 18 (2): 389-393
- **Current Stanford clinical trials for Hodgkin's disease.** *Recent results in cancer research. Fortschritte der Krebsforschung. Progrès dans les recherches sur le cancer*
Hoppe, R. T., Horning, S. J., Hancock, S. L., Rosenberg, S. A.
1989; 117: 182-190
- **VINBLASTINE, BLEOMYCIN, AND METHOTREXATE - AN EFFECTIVE ADJUVANT IN FAVORABLE HODGKINS-DISEASE** *JOURNAL OF CLINICAL ONCOLOGY*
Horning, S. J., Hoppe, R. T., Hancock, S. L., Rosenberg, S. A.
1988; 6 (12): 1822-1831
- **INTERCURRENT DEATH AFTER HODGKIN DISEASE THERAPY IN RADIOTHERAPY AND ADJUVANT MOPP TRIALS** *ANNALS OF INTERNAL MEDICINE*
Hancock, S. L., Hoppe, R. T., Horning, S. J., Rosenberg, S. A.
1988; 109 (3): 183-189
- **ESOPHAGEAL-CARCINOMA - MODEST BENEFITS FROM COMBINED MODALITY THERAPY** *RADIOLOGY*
Hancock, S. L., Goffinet, D. R., Carlson, R. W., Mark, J. B.
1987; 164 (3): 603-606
- **RELATIONSHIP BETWEEN THE NEUROTOXICITY OF THE HYPOXIC CELL RADIOSENSITIZER SR 2508 AND THE PHARMACOKINETIC PROFILE** *CANCER RESEARCH*
Coleman, C. N., Halsey, J., Cox, R. S., HIRST, V. K., Blaschke, T., HOWES, A. E., Wasserman, T. H., Urtasun, R. C., Pajak, T., Hancock, S., Phillips, T. L., Noll, L.
1987; 47 (1): 319-322

- **PHASE-I TRIAL OF THE HYPOXIC CELL RADIOSENSITIZER SR-2508 - THE RESULTS OF THE 5 TO 6 WEEK DRUG SCHEDULE** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Coleman, C. N., Wasserman, T. H., Urtasun, R. C., Halsey, J., HIRST, V. K., Hancock, S., Phillips, T. L.
1986; 12 (7): 1105-1108
- **ANTERIOR EYE PROTECTION WITH ORBITAL NEOPLASIA** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
HANCOCK, S. L.
1986; 12 (1): 123-30
- **INITIAL REPORT OF THE PHASE-I TRIAL OF THE HYPOXIC CELL RADIOSENSITIZER SR-2508** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Coleman, C. N., Urtasun, R. C., Wasserman, T. H., Hancock, S., Harris, J. W., Halsey, J., HIRST, V. K.
1984; 10 (9): 1749-1753
- **THERAPY OF NON-SEMINOMATOUS CARCINOMA OF TESTIS**
HANCOCK, S. L., PISTENMA, D. A., BAGSHAW, M. A.
PERGAMON-ELSEVIER SCIENCE LTD.1977: 58