



Susan Hiniker

Associate Professor of Radiation Oncology (Radiation Therapy)
Radiation Oncology - Radiation Therapy

CLINICAL OFFICE (PRIMARY)

- **Radiation Oncology**

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Bio

CLINICAL FOCUS

- Radiation Oncology
- Pediatric Cancers
- Childhood Cancers
- Brain/Central Nervous System Tumors
- Hodgkin's Disease

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Radiation Oncology - Radiation Therapy
- Member, Bio-X
- Member, Stanford Cancer Institute

PROFESSIONAL EDUCATION

- Residency: Stanford University Dept of Radiation Oncology (2015) CA
- Internship: Santa Clara Valley Medical Center Internal Medicine Residency (2011) CA
- Board Certification: Radiation Oncology, American Board of Radiology (2016)
- Medical Education: University of Michigan Medical School (2010) MI

LINKS

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

Research & Scholarship

CLINICAL TRIALS

- Phase I GD2 CAR T Cells for H3K27M-mutant Diffuse Midline Glioma (DMG), Recruiting

- Phase tbd 5-Day Preoperative Radiation for Soft Tissue Sarcoma, Recruiting
- AVATAR Anesthesia Alternative in Pediatric Radiotherapy: A Multi-Center Study, Not Recruiting
- Feasibility of a Computerized Neurocognitive Intervention Program in the Early Post-Transplant Setting, Not Recruiting
- Phase II Hypofractionated Stereotactic Radiotherapy of Metastatic Pediatric Sarcoma of Bony Sites, Not Specified

Teaching

STANFORD ADVISEES

Doctoral Dissertation Co-Advisor (NonAC)

Lloyd Kamole Ghoms

Publications

PUBLICATIONS

- **Proton Beam Radiation Therapy for All Children and Adolescents Globally: Is This a Realistic and Cost-Effective Goal?** *International journal of radiation oncology, biology, physics*
Parkes, J. D., Esiashvili, N., Tsang, D. S., Eaton, B. R., Bishop, A. J., Hiniker, S. M., Braunstein, S. E., Qureshi, B. M., Njiraini, P. N., Salerno, K. E.
2026; 125 (2): 359-365
- **Radiation Therapy Without Anesthesia for a 7-Month-Old Child Using Audio-Visual Assisted Therapeutic Ambience in Radiation Therapy (AVATAR).** *Advances in radiation oncology*
Turcas, A., Ewongwo, A., Skinner, L., Diaconu, O., Coltea, V., Marosan, A., Gheorghica, L., Vancea, A., Aczberger, C., Savu, E., Mihut, E., Muddle, J., Loo, et al
2026; 11 (4): 102002
- **Incorporating Intensity Modulated Total Body Irradiation (IMRT-TBI) into Future Cooperative Group Clinical Trials: An NRG Hematologic Malignancies Working Group-Led Report from the National Clinical Trials Network.** *International journal of radiation oncology, biology, physics*
Kovalchuk, N., Simiele, E., LaRiviere, M., Hiniker, S., Soike, M., Han, C., Wong, J., Dandapani, S., Kumar, K., Parsons, D., Teruel, J. R., Gerber, N. K., Guo, et al
2026
- **The Spinning Manny Indexed Overlay System for VMAT total body irradiation.** *Journal of applied clinical medical physics*
Skinner, L., Simiele, E., Yang, Z., Hui, C., Romero, I., Binkley, M., Hoppe, R., Hiniker, S. M., Kovalchuk, N.
2026; 27 (1): e70350
- **Treatment kinetics and local response during and after bridging radiotherapy prior to CAR-T cell therapy for lymphomas.** *Leukemia & lymphoma*
Klebaner, D., Park, N. J., Marar, M., Frank, M., Hiniker, S. M., Hoppe, R. T., Schroers-Martin, J., Advani, R. H., Alizadeh, A. A., Bharadwaj, S., Miklos, D., Dahiya, S., Binkley, et al
2025: 1-8
- **Malignant peripheral nerve sheath tumors: a report from children's oncology group study ARST0332.** *Journal of the National Cancer Institute*
Crane, J. N., Xue, W., Qumseya, A., Barkauskas, D. A., Chau, K., Tan, S. Y., Hiniker, S., Dasgupta, R., Venkatramani, R., Spunt, S. L., Weiss, A. R., Laetsch, T. W.
2025
- **Risk Factors and Outcome of Patients With Initially Resected (IRS-I/II) Non-Rhabdomyosarcoma Soft Tissue Sarcoma: An Analysis From the International Soft Tissue Sarcoma Consortium (InstruCT)**
Sparber-Sauer, M., Carton, M., Ferrari, A., Vokuhl, C., Hiniker, S., Lautz, T., Meyer, W., Pajtler, K., Hettmer, S., Alaggio, R., Schmidt, A., Timmermann, B., Igna, et al
WILEY.2025: S373
- **Automated contouring, treatment planning, and quality assurance for total marrow lymphoid irradiation** *FRONTIERS IN ONCOLOGY*
Simiele, E., Hui, C., Romero, I., Yang, Z., Skinner, L., Xing, L., Ross, J. B., Hoppe, R. T., Binkley, M. S., Hiniker, S. M., Kovalchuk, N.
2025; 15

- **Peripheral neural crest tumor brain metastases management: a single-institution retrospective study.** *Journal of neuro-oncology*
Kattaa, A. H., Persad, A. R., Hori, Y. S., Harary, P. M., Izhar, M., Ustrzynski, L., Emrich, S. C., Tayag, A., Hiniker, S. M., Park, D. J., Chang, S. D.
2025; 176 (1): 65
- **A Phase 2 Study of Low-Dose Total Skin Electron Beam Therapy (LD-TSEBT) Combined with Mogamulizumab (TSE-Moga) in patients with Mycosis Fungoides (MF) and Sezary Syndrome (SS)**
Surjanto, K., Wang, E. B. K., Bandali, T., Ahmed, Z., Sinha, K., Herrera, M., Li, S., Binkley, M. S., Hiniker, S., Khodadoust, M. S., Hoppe, R. T., Kim, Y. H.
ELSEVIER SCI LTD.2025
- **Current State-of-the-Art Animal Models of Pediatric Brain Tumors.** *Brain sciences*
Gudavalli, T., Lam, F. C., Guru, S., AbuReesh, D., Hori, Y. S., Hiniker, S., Park, D. J., Chang, S. D.
2025; 15 (10)
- **METABOLIC-ONLY RESPONSE ASSESSMENT ALLOWS FOR OMISSION OF RESIDUAL NODE RADIATION THERAPY (RNRT) FOR THE MAJORITY OF PATIENTS WITH CLASSICAL HODGKIN LYMPHOMA (cHL) WHILE MAINTAINING EXCELLENT EVENT FREE (EFS) AND OVERALL SURVIVAL (OS): A REPORT FROM THE PEDIATRIC HODGKIN CONSORTIUM'S PHASE 2 STUDY cHOD17 (NCT03755804)**
Flerlage, J. E., Feraco, A. M., Zhou, Y., Zheng, Y., Lucas, J. T., Dixon, S. B., Blake, J., Wilemon, L., Roberts, B. A., Marks, L. J., Friedmann, A. M., MacDonald, S., Weinstein, et al
PERGAMON-ELSEVIER SCIENCE LTD.2025
- **Consolidation of Metastatic Sites in Pediatric Sarcoma: Evidence and Opportunities.** *International journal of radiation oncology, biology, physics*
Hiniker, S. M., Braunstein, S. E., Parkes, J. D., Tsang, D. S., Salerno, K. E.
2025; 122 (5): 1077-1081
- **Patterns of Failure of Early-stage Extranodal NK T-cell Lymphoma Nasal-type and Implications for Future Treatment Strategies**
Oo, J., Conteh, A., Hiniker, S., Binkley, M., Hoppe, R.
LIPPINCOTT WILLIAMS & WILKINS.2025: S39
- **Wilms Tumor, Version 2.2025** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
Balis, F., Green, D. M., Armstrong, A., Aye, J., Benedetti, D., Brown, B., Brown, E., Cook, S., Desai, A., Dhillon, J., Fair, D., Geynisman, D. M., Hiniker, et al
2025; 23 (8): 319-342
- **Prioritization of novel agents for further investigation in pediatric non-rhabdomyosarcoma soft tissue sarcomas: A report from the Children's Oncology Group.** *European journal of cancer (Oxford, England : 1990)*
Crane, J. N., Douglass, D. P., Oberoi, S., Collins, N. B., Gupta, A., Metts, J. L., Avutu, V., Dela Cruz, F. S., Davis, J. L., Federman, N. C., Hiniker, S. M., Laetsch, T. W., Linardic, et al
2025; 226: 115600
- **Metabolic-only response assessment for omission of residual node radiation therapy (RNRT) for patients with classical Hodgkin lymphoma (cHL) and impact on event free (EFS) and overall survival (OS): A report from the Pediatric Hodgkin Consortium's phase 2 study cHOD17 (NCT03755804).**
Flerlage, J., Feraco, A., Zhou, Y., Zheng, Y., Lucas Jr, J., Rogers-Blake, J., Wilemon, L., Roberts, B. A., Marks, L., Friedmann, A., MacDonald, S. M., Weinstein, H. J., De Alarcon, et al
LIPPINCOTT WILLIAMS & WILKINS.2025: 10018
- **Stereotactic radiotherapy in children and young adults: Can we apply adult treatment paradigms?** *International journal of radiation oncology, biology, physics*
Tsang, D. S., Murphy, E., Salerno, K. E., Parkes, J., Hiniker, S. M., Braunstein, S.
2025
- **ACR Appropriateness Criteria® Suspected Primary Bone Tumors: 2024 Update.** *Journal of the American College of Radiology : JACR*
Ahlawat, S., Lenchik, L., Baker, J. C., Allen, H., Banks, J., Florou, V., Garner, H. W., Hammer, M. R., Hiniker, S. M., Kamel, S. I., Lu, Y., Pears, K. S., Scott, et al
2025; 22 (5S): S440-S454
- **Bone Cancer, Version 2.2025, NCCN Clinical Practice Guidelines In Oncology.** *Journal of the National Comprehensive Cancer Network : JNCCN*
Biermann, J. S., Hirbe, A., Ahlawat, S., Bernthal, N. M., Binitie, O., Boles, S., Brigman, B., Callan, A. K., Cipriano, C., Cranmer, L. D., Davis, J., Donnelly, E., Ferguson, et al

2025; 23 (4)

- **Urgent and emergent radiotherapy for hematologic malignancies of the central nervous system: a review of the literature and practical approach.** *Frontiers in oncology*
Tringale, K. R., Imber, B. S., Cederquist, G. Y., Yahalom, J., Moore, Z. R., Hoppe, R. T., Binkley, M. S., Ross, J. B., Wijetunga, N. A., Sanghvi, P., Casey, D. L., Hiniker, S. M.
2025; 15: 1511261
- **Craniospinal Irradiation, or Tumor-Sparing Approach?** *International journal of radiation oncology, biology, physics*
Hiniker, S. M., Casey, D. L.
2025; 121 (4): 854-855
- **Association of Histologic Subtype With Radiation Response and Survival Outcomes in Synovial Sarcoma** *ADVANCES IN RADIATION ONCOLOGY*
Matsui, J. K., Jackson, S., Fang, J., Mohler, D. G., Steffner, R. J., Charville, G. W., van de Rijn, M., Million, L., Chin, A. L., Hiniker, S. M., Kalbasi, A., Moding, E. J.
2025; 10 (3)
- **Association of Histologic Subtype With Radiation Response and Survival Outcomes in Synovial Sarcoma.** *Advances in radiation oncology*
Matsui, J. K., Jackson, S., Fang, J., Mohler, D. G., Steffner, R. J., Avedian, R. S., Charville, G. W., Rijn, M. v., Million, L., Chin, A. L., Hiniker, S. M., Kalbasi, A., Moding, et al
2025; 10 (3): 101718
- **Rationale, implementation considerations, delineation and planning target objective recommendations for volumetric modulated arc therapy and helical tomotherapy total body irradiation, total marrow and lymphoid irradiation and total lymphoid irradiation.** *Radiotherapy and oncology : journal of the European Society for Therapeutic Radiology and Oncology*
Hoeben, B. A., Saldi, S., Aristei, C., Engellau, J., Ocanto, A., Hiniker, S. M., Misson-Yates, S., Kobzyeva, D. A., Pazos, M., George Mikhaeel, N., Rodriguez-Roldan, M., Seravalli, E., Bosman, et al
2025: 110822
- **Evolutionary Pressures Shape Undifferentiated Pleomorphic Sarcoma Development and Radiotherapy Response.** *Cancer research*
Blomain, E., Soudi, S., Wang, Z., Somani, A., Subramanian, A., Nouth, S. C., Oladipo, E., New, C., Kenney, D. E., Nemat-Gorgani, N., Kindler, T., Avedian, R. S., Steffner, et al
2025
- **Radiation as an Immune Modulator: Where We Are With Modern Total Body Irradiation.** *Seminars in radiation oncology*
Simiele, E., Dandapani, S., Han, C., Wong, J., Hiniker, S. M., Kovalchuk, N.
2025; 35 (1): 67-86
- **Disparities in US retinoblastoma presentation, management and local recurrence in the National Cancer Database, 2004-2016.** *Ophthalmology. Retina*
So, J. Y., Pershing, S., Pollom, E. L., Hiniker, S. M., Afshar, A. R.
2024
- **Late Events Occurring After 5Years in Pediatric Rhabdomyosarcoma: A Report From the Children's Oncology Group.** *Pediatric blood & cancer*
Kreimer, S., Xue, W., Qumseya, A., Lautz, T. B., Shenoy, A., Hiniker, S., Casey, D., Venkatramani, R., Arndt, C.
2024: e31421
- **Investigating Treatment Kinetics and Local Response during and after Bridging Radiotherapy Prior to CAR-T Cell Therapy for Lymphomas**
Klebaner, D., Park, N., Marar, M., Frank, M. J., Hiniker, S., Hoppe, R. T., Schroers-Martin, J. G., Advani, R. H., Alizadeh, A. A., Bharadwaj, S., Miklos, D. B., Dahiya, S., Binkley, et al
ELSEVIER.2024: 7130-7131
- **A Standard Operating Protocol for Pre-Transplant Low Dose Splenic Radiotherapy for Patients with Myelofibrosis**
Baniel, C., Park, N., Klebaner, D., Shomali, W., Gotlib, J., Arai, S., Hiniker, S., Hoppe, R. T., Johnston, L., Binkley, M. S.
ELSEVIER.2024: 2116-2117
- **Flipping the Script: Where Are We Now With Preoperative Radiation Therapy for Soft Tissue Sarcoma?** *International journal of radiation oncology, biology, physics*
Salerno, K. E., Tsang, D. S., Braunstein, S. E., Parkes, J. D., Hiniker, S. M., Ermoian, R. P.
2024; 120 (3): 615-620

- **Integrating Audiovisual Immersion Into Pediatric Radiation Therapy Across Multiple Centers: Methodology, Timeliness, and Cost of the Audiovisual-Assisted Therapeutic Ambience in Radiation Therapy Prospective Multi-Institutional Trial** *ADVANCES IN RADIATION ONCOLOGY*
Oh, J., Skinner, L., Gutkin, P. M., Jiang, A., Donaldson, S. S., Loo Jr, B. W., Wang, Y., Ewongwo, A., Bredfeldt, J. S., Breneman, J. C., Constine, L. S., Faught, A. M., Haas-Kogan, et al
2024; 9 (10)
- **Integrating Audiovisual Immersion Into Pediatric Radiation Therapy Across Multiple Centers: Methodology, Timeliness, and Cost of the Audiovisual-Assisted Therapeutic Ambience in Radiation Therapy Prospective Multi-Institutional Trial.** *Advances in radiation oncology*
Oh, J., Skinner, L., Gutkin, P. M., Jiang, A., Donaldson, S. S., Loo, B. W., Wang, Y. P., Ewongwo, A., Bredfeldt, J. S., Breneman, J. C., Constine, L. S., Faught, A. M., Haas-Kogan, et al
2024; 9 (10): 101589
- **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., Prapatneni, A., Le-Budka, M. L., Wong, S., Brown, E., Barnick, K., Wakelee, H. A., Das, et al
2024
- **Volumetric modulated arc therapy total body irradiation improves toxicity outcomes compared to 2D total body irradiation.** *Frontiers in oncology*
Hui, C., Simiele, E., Lozko, Y., Romero, I., Skinner, L., Binkley, M. S., Hoppe, R., Kovalchuk, N., Hiniker, S. M.
2024; 14: 1459287
- **Effect of palliative radiation dose on symptom response in metastatic sarcomas.** *Clinical and translational radiation oncology*
Matsui, J. K., Jackson, S., Fang, J., Million, L., Chin, A. L., Hiniker, S. M., Kalbasi, A., Moding, E. J.
2024; 48: 100803
- **Incorporating intensity modulated total body irradiation into a Children's Oncology Group trial: Rationale, techniques, and safeguards.** *Pediatric blood & cancer*
Milgrom, S. A., Dandapani, S. V., Wong, J., Kalapurakal, J., Smith, K. S., Han, C., Simiele, E., Hua, C. H., Fitzgerald, T. J., Kry, S., Wong, K., Symons, H., Kovalchuk, et al
2024: e31185
- **Children and young adults with newly diagnosed rhabdomyosarcoma metastatic to bone treated on Children's Oncology Group studies.** *Pediatric blood & cancer*
Schloemer, N. J., Xue, W., Qumseya, A., Luo, L. Y., Hiniker, S. M., Lautz, T. B., Rhee, D. S., Arnold, M. A., Venkatramani, R.
2024: e31200
- **Technical recommendations for implementation of Volumetric Modulated Arc Therapy and Helical Tomotherapy Total Body Irradiation.** *Radiotherapy and oncology : journal of the European Society for Therapeutic Radiology and Oncology*
Seravalli, E., Bosman, M. E., Han, C., Losert, C., Pazos, M., Engström, P. E., Engellau, J., Fulcheri, C. P., Zucchetti, C., Saldi, S., Ferrer, C., Ocanto, A., Hiniker, et al
2024: 110366
- **Long-term remission with allogeneic transplant in patients with refractory/relapsed cutaneous cytotoxic T-cell lymphoma.** *Blood neoplasia*
Weng, W. K., Iragavarapu, C., Weng, G. M., Hoppe, R. T., Hiniker, S., Khodadoust, M. S., Kim, Y. H.
2024; 1 (2): 100007
- **Automated Contouring, Planning, and Quality Assurance for VMAT Craniospinal Irradiation (VMAT-CSI)**
Simiele, E., Romero, I., Wang, J., Chen, Y., Lozko, Y., Severyn, Y., Skinner, L., Yang, Y., Xing, L., Gibbs, I., Hiniker, S., Kovalchuk, N.
ELSEVIER IRELAND LTD.2024: S924-S927
- **4-Year Experience with the VMAT TBI Technique using AutoPlanning Scripts**
Kovalchuk, N., Simiele, E., Skinner, L., Yang, Y., Hui, C., Binkley, M., Hoppe, R., Hiniker, S.
ELSEVIER IRELAND LTD.2024: S3622-S3625
- **Favorable Outcome of High-grade Endometrial Stromal Sarcoma in an Adolescent.** *Journal of pediatric hematology/oncology*
Hu, B., Howitt, B. E., Cizek, S., Diver, E., Hiniker, S., Crane, J., Daldrup-Link, H., Spunt, S. L.
2024

- **Automated contouring, treatment planning, and quality assurance for VMAT craniospinal irradiation (VMAT-CSI).** *Frontiers in oncology*
Simiele, E., Romero, I. O., Wang, J. Y., Chen, Y., Lozko, Y., Severyn, Y., Skinner, L., Yang, Y., Xing, L., Gibbs, I., Hiniker, S. M., Kovalchuk, N.
2024; 14: 1378449
- **Adolescents and young adults with rhabdomyosarcoma: A report from the Soft Tissue Sarcoma Committee of the Children's Oncology Group.** *Pediatric blood & cancer*
Harrison, D. J., Qumseya, A., Xue, W., Arnold, M., Lautz, T. B., Hiniker, S. M., Thomas, S. M., Venkatramani, R., Weiss, A. R., Mascarenhas, L.
2024: e30847
- **AVATAR 2.0: next level communication systems for radiotherapy through face-to-face video, biofeedback, translation, and audiovisual immersion.** *Frontiers in oncology*
Schulz, J. B., Zalavari, L., Gutkin, P., Jiang, A., Wang, Y., Gibson, C., Garza, A., Bush, K. K., Wang, L., Donaldson, S. S., Loo, B. W., Hiniker, S. M., Skinner, et al
2024; 14: 1405433
- **Automating the Treatment Planning Process for Volumetric Modulated Arc Therapy Craniospinal Irradiation (VMAT-CSI).** *Practical radiation oncology*
Romero, I. O., Simiele, E. A., Lozko, Y., Severyn, Y., Skinner, L. B., Yang, Y., Wang, J. Y., Xing, L., Gibbs, I., Hiniker, S. M., Kovalchuk, N.
2023
- **Treatment Course and Outcomes of Intracranial Teratomas in Pediatric Patients: A Retrospective 15-Year Case Series Study.** *Pediatric neurosurgery*
Wu, A., Jin, M. C., Vogel, H., Hiniker, S., Campen, C., Prolo, L. M., Grant, G. A.
2023; 58 (6): 429-438
- **Patterns of local recurrence and risk of skin recurrence in soft tissue sarcomas after surgical resection.** *Practical radiation oncology*
Ewongwo, A., Oladipo, E. D., Hui, C., Avedian, R. S., Steffner, R. J., Mohler, D. G., Kalbasi, A., Chin, A. L., Million, L., Hiniker, S. M., Moding, E. J.
2023
- **Prognosis of children and young adults with newly diagnosed rhabdomyosarcoma metastatic to bone marrow treated on Children's Oncology Group studies.** *Pediatric blood & cancer*
Schloemer, N. J., Xue, W., Qumseya, A., Luo, L. Y., Hiniker, S. M., Lautz, T. B., Rhee, D. S., Arnold, M. A., Venkatramani, R.
2023: e30701
- **Effect of Testicular Boost in Children With Leukemia Receiving Total Body Irradiation and Stem Cell Transplant: A Single-Institution Experience.** *Advances in radiation oncology*
Blomain, E. S., Jiang, A., Donaldson, S. S., Agarwal, R., Bertaina, A., Shyr, D., Eisenberg, M. L., Hoppe, R. T., Hiniker, S. M., Oh, J.
2023; 8 (1): 101071
- **FUNCTIONAL AND TOXICITY OUTCOMES OF RADIATION THERAPY FOR DUPUYTREN'S CONTRACTURE**
Oh, J., Wang, Y., Hiniker, S.
ELSEVIER IRELAND LTD.2023: S98
- **OUTCOMES OF PEDIATRIC AND ADOLESCENT PATIENTS WITH METASTATIC SARCOMA TREATED WITH SURGICAL RESECTION OR STEREOTACTIC ABLATIVE RADIATION THERAPY**
Oh, J., Gutkin, P., Wang, Y., Donaldson, S., Steffner, R., Bruzoni, M., Avedian, R., Spunt, S., Pribnow, A., Hiniker, S.
ELSEVIER IRELAND LTD.2023: S98
- **Improved organ sparing using auto-planned Stanford volumetric modulated arc therapy for total body irradiation technique.** *Pediatric blood & cancer*
Ngo, N., Blomain, E. S., Simiele, E., Romero, I., Hoppe, R. T., Hiniker, S. M., Kovalchuk, N.
2023: e30589
- **Central Endocrine Complications Among Childhood Cancer Survivors Treated With Radiation Therapy: A PENTEC Comprehensive Review.** *International journal of radiation oncology, biology, physics*
Wheeler, G., Grassberger, C., Samers, J., Dwyer, M., Wiltshire, K., Daly, P., Alvarez, B., Campbell, B. A., Kerr, A. J., Kron, T., Duane, F. K., Zacharin, M., Downie, et al
2023
- **Successful treatment of orbital Langerhans cell histiocytosis with stereotactic radiosurgery: A case report and literature review.** *Clinical case reports*

- Etter, E., Bosse, B., Wang, Y. P., Hiniker, S., Oh, J.
2023; 11 (6): e7506
- **Feasibility of the Audio-Visual Assisted Therapeutic Ambience in Radiotherapy (AVATAR) system for anesthesia avoidance in pediatric patients: A multicenter trial.** *International journal of radiation oncology, biology, physics*
Gutkin, P. M., Skinner, L., Jiang, A., Donaldson, S. S., Loo, B. W., Oh, J., Wang, Y. P., von Eyben, R., Snyder, J., Bredfeldt, J. S., Breneman, J. C., Constine, L. S., Faught, et al
2023
 - **Rhabdomyosarcoma with isolated lung metastases: A report from the Soft Tissue Sarcoma Committee of the Children's Oncology Group.** *Pediatric blood & cancer*
Vasquez, J. C., Luo, L. Y., Hiniker, S. M., Rhee, D. S., Dasgupta, R., Chen, S., Weigel, B. J., Xue, W., Venkatramani, R., Arndt, C. A.
2023: e30293
 - **Efficacy and Safety of Stereotactic Body Radiation Therapy for Pediatric Malignancies: The LITE-SABR Systematic Review and Meta-Analysis.** *Advances in radiation oncology*
Singh, R., Valluri, A., Didwania, P., Lehrer, E. J., Baliga, S., Hiniker, S., Braunstein, S. E., Murphy, E. S., Lazarev, S., Tinkle, C., Terezakis, S., Palmer, J. D.
2023; 8 (2): 101123
 - **Investigating and modeling positron emission tomography factors associated with large cell transformation from low-grade lymphomas.** *EJHaem*
Obeid, J. P., Hiniker, S. M., Schroers-Martin, J., Guo, H. H., No, H. J., Moding, E. J., Advani, R. H., Alizadeh, A. A., Hoppe, R. T., Binkley, M. S.
2023; 4 (1): 90-99
 - **Effect of Testicular Boost in Children With Leukemia Receiving Total Body Irradiation and Stem Cell Transplant: A Single-Institution Experience** *ADVANCES IN RADIATION ONCOLOGY*
Blomain, E. S., Jiang, A., Donaldson, S. S., Agarwal, R., Bertaina, A., Shyr, D., Eisenberg, M. L., Hoppe, R. T., Hiniker, S. M., Oh, J.
2023; 8 (1)
 - **Comment on: Metastatic rhabdomyosarcoma: Evidence of the impact of radiotherapy on survival. A retrospective single-center experience.** *Pediatric blood & cancer*
Crane, J. N., Donaldson, S. S., Spunt, S. L., Hiniker, S. M.
2022: e30111
 - **Long-term Outcomes of Diffuse or Recurrent Tenosynovial Giant Cell Tumor Treated with Postoperative External Beam Radiation Therapy.** *Practical radiation oncology*
Baniel, C., Yoo, C. H., Jiang, A., von Eyben, R., Mohler, D. G., Ganjoo, K., Bui, N., Donaldson, S. S., Million, L., Rijn, M. v., Moon Oh, J., Hiniker, S. M.
2022
 - **Investigating Metabolic Response after CAR-T Therapy and Bridging Radiotherapy for Relapsed/Refractory B-Cell Lymphoma**
Marar, M., Hiniker, S., Hoppe, R., Binkley, M.
AMER SOC HEMATOLOGY.2022: 12786-12787
 - **Stereotactic radiosurgery for recurrent pediatric brain tumors: clinical outcomes and toxicity.** *Neurosurgical focus*
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