

Stanford



Lynn Million

Clinical Professor, Radiation Oncology - Radiation Therapy

CLINICAL OFFICE (PRIMARY)

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ACADEMIC CONTACT INFORMATION

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Bio

BIO

Lynn Million specializes in the treatment of cancer. She has practiced Radiation Oncology for more than 30 years. Dr. Million has a special interest in the treatment of sarcoma's of soft tissue, bone and cartilage in children, young adolescents and adults.

CLINICAL FOCUS

- Cancer > Radiation Oncology
- Cancer > Sarcoma
- Radiation Oncology
- Soft Tissue Sarcoma
- Pediatric cancer
- Skin cancer
- Cutaneous lymphoma
- Lymphoma, Non-Hodgkin
- Hodgkin Lymphoma
- Transplant related disease

ACADEMIC APPOINTMENTS

- Clinical Professor, Radiation Oncology - Radiation Therapy

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Soft tissue sarcoma Committee member, Childrens Oncology Group (COG) (2008 - present)
- Bone sarcoma panel member, NCCN (2015 - present)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Dept of Radiation Oncology (2020) CA
- Fellowship: Stanford University Dept of Radiation Oncology (1991) CA

- Internship: Wellstar Atlanta Medical Center Internal Medicine Residency (1987) GA
- Medical Education: University of Florida Office of Student Affairs (1986) FL
- Residency: Stanford University Radiation Oncology Residency (1990) CA
- Board Certification: Radiation Oncology, American Board of Radiology (1991)

LINKS

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

Research & Scholarship

CLINICAL TRIALS

- Low-dose (12 Gy) TSEBT+Vorinostat Versus Low-dose TSEBT Monotherapy in Mycosis Fungoides, Not Recruiting
- Ph II of Non-myceloablative Allogeneic Transplantation Using TLI & ATG In Patients w/ Cutaneous T Cell Lymphoma, Not Recruiting
- Radiation Therapy With or Without Combination Chemotherapy or Pazopanib Before Surgery in Treating Patients With Newly Diagnosed Non-rhabdomyosarcoma Soft Tissue Sarcomas That Can Be Removed by Surgery, Not Recruiting

Publications

PUBLICATIONS

- **Embryonal sarcoma of the liver in pediatric and young adult patients: A report from Children's Oncology Group study ARST0332.** *Cancer*
Spunt, S. L., Xue, W., Gao, Z., Hayes Dixon, A., Million, L., Polites, S. F., Vasudevan, S. A., Kao, S. C., McCarville, M. B., Parham, D. M., Barkauskas, D. A., Cai, Z., Cost, et al
2024
- **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
- **Shaping success: clinical implementation of a 3D-printed electron cutout program in external beam radiation therapy.** *Frontiers in oncology*
Schulz, J. B., Gibson, C., Dubrowski, P., Marquez, C. M., Million, L., Qian, Y., Skinner, L., Yu, A. S.
2023; 13: 1237037
- **Outcomes After Preoperative Chemoradiation With or Without Pazopanib in Non-Rhabdomyosarcoma Soft Tissue Sarcoma: A Report From Children's Oncology Group and NRG Oncology.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*
Weiss, A. R., Chen, Y. L., Scharschmidt, T. J., Xue, W., Gao, Z., Black, J. O., Choy, E., Davis, J. L., Fanburg-Smith, J. C., Kao, S. C., Kayton, M. L., Kessel, S., Lim, et al
2023: JCO2300045
- **An affordable platform for virtual reality-based patient education in radiation therapy.** *Practical radiation oncology*
Schulz, J. B., Dubrowski, P., Blomain, E., Million, L., Qian, Y., Marquez, C., Yu, A. S.
2023
- **Neoadjuvant pazopanib in nonrhabdomyosarcoma soft tissue sarcomas (ARST1321): A report of major wound complications from the Children's Oncology Group and NRG Oncology.** *Journal of surgical oncology*
Kayton, M. L., Weiss, A. R., Xue, W., Binitie, O., Hayes Dixon, A., Randall, R. L., Sorger, J. I., Hawkins, D. S., Spunt, S. L., Wang, D., Million, L., Terezakis, S., Choy, et al
2023
- **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
- **Lymph node metastases in paediatric and young adult patients with non-rhabdomyosarcoma soft tissue sarcoma (NRSTS): Findings from Children's Oncology Group (COG) study ARST0332.** *European journal of cancer (Oxford, England : 1990)*
Alvarez, E., He, J., Spunt, S. L., Hayes-Jordan, A., Kao, S. C., Parham, D. M., Million, L., Weiss, A. R., Barkauskas, D. A.

2022; 180: 89-98

- **Outcomes following preoperative chemoradiation plus +/- pazopanib in non-rhabdomyosarcoma soft tissue sarcoma (NRSTS): A report from Children's Oncology Group (COG) and NRG Oncology.**
Weiss, A. R., Chen, Y., Scharschmidt, T., Xue, W., Gao, Z., Black, J. O., Fanburg-Smith, J., Zambrano, E., Choy, E., Davis, J. L., Kayton, M., Million, L., Okuno, et al
LIPPINCOTT WILLIAMS & WILKINS.2022
- **CT-less electron radiotherapy simulation and planning with a consumer 3D camera.** *Journal of applied clinical medical physics*
Skinner, L., Knopp, R., Wang, Y., Dubrowski, P., Bush, K. K., Limmer, A., Trakul, N., Million, L., Marquez, C. M., Yu, A. S.
2021
- **Non-rhabdomyosarcoma soft-tissue sarcoma.** *Pediatric blood & cancer*
Milgrom, S. A., Million, L., Mandeville, H., Safwat, A., Ermoian, R. P., Terezakis, S.
2021; 68 Suppl 2: e28279
- **Uterine Leiomyosarcoma with FN1-Anaplastic Lymphoma Kinase Fusion Responsive to Alectinib and Lorlatinib.** *Case reports in oncology*
Testa, S., Million, L., Longacre, T., Bui, N.
2021; 14 (2): 812-819
- **Local Control For High-Grade Nonrhabdomyosarcoma Soft Tissue Sarcoma Assigned to Radiation Therapy on ARST0332: A Report From the Children's Oncology Group** *Int J Radiat Oncol Biol Phys*
Million, L., et al
2021; 110 (3): 821-830
- **Surgical management of extremity rhabdomyosarcoma: A consensus opinion from the Children's Oncology Group, the European Pediatric Soft-Tissue Sarcoma Study Group, and the Cooperative Weichteilsarkom Studiengruppe.** *Pediatric blood & cancer*
Morris, C. D., Tunn, P., Rodeberg, D. A., Terwisscha van Scheltinga, S., Binitie, O., Godzinski, J., Dall'Igna, P., Million, L., Hawkins, D. S., Koscielniak, E., Bisogno, G., Rogers, T. N.
2020: e28608
- **Pathological response in children and adults with large unresected intermediate-grade or high-grade soft tissue sarcoma receiving preoperative chemoradiotherapy with or without pazopanib (ARST1321): a multicentre, randomised, open-label, phase 2 trial.** *The Lancet. Oncology*
Weiss, A. R., Chen, Y. L., Scharschmidt, T. J., Chi, Y. Y., Tian, J. n., Black, J. O., Davis, J. L., Fanburg-Smith, J. C., Zambrano, E. n., Anderson, J. n., Arens, R. n., Binitie, O. n., Choy, et al
2020
- **Deep Functional and Molecular Characterization of a High-Risk Undifferentiated Pleomorphic Sarcoma.** *Sarcoma*
Berlow, N. E., Grasso, C. S., Quist, M. J., Cheng, M., Gandour-Edwards, R., Hernandez, B. S., Michalek, J. E., Ryan, C., Spellman, P., Pal, R., Million, L. S., Renneker, M., Keller, et al
2020; 2020: 6312480
- **Nonmyeloablative allogeneic transplantation achieves clinical and molecular remission in cutaneous T-cell lymphoma.** *Blood advances*
Weng, W. K., Arai, S. n., Rezvani, A. n., Johnston, L. n., Lowsky, R. n., Miklos, D. n., Shizuru, J. n., Muffly, L. n., Meyer, E. n., Negrin, R. S., Wang, E. n., Almazan, T. n., Million, et al
2020; 4 (18): 4474-82
- **Alveolar rhabdomyosarcoma with regional nodal involvement: Results of a combined analysis from two cooperative groups.** *Pediatric blood & cancer*
Gallego, S. n., Chi, Y. Y., De Salvo, G. L., Li, M. n., Merks, J. H., Rodeberg, D. A., van Scheltinga, S. T., Mascarenhas, L. n., Orbach, D. n., Jenney, M. n., Million, L. n., Minard-Colin, V. n., Wolden, et al
2020: e28832
- **A risk-based treatment strategy for non-rhabdomyosarcoma soft-tissue sarcomas in patients younger than 30 years (ARST0332): a Children's Oncology Group prospective study.** *The Lancet. Oncology*
Spunt, S. L., Million, L., Chi, Y., Anderson, J., Tian, J., Hibbitts, E., Coffin, C., McCarville, M. B., Randall, R. L., Parham, D. M., Black, J. O., Kao, S. C., Hayes-Jordan, et al
2019
- **Preoperative chemoradiation plus +/- pazopanib in non-rhabdomyosarcoma soft tissue sarcoma (NRSTS): A report from Children's Oncology Group (COG) and NRG Oncology.**
Weiss, A. R., Chi, Y., Chen, Y., Choy, E., Davis, J. L., Fanburg-Smith, J., Hawkins, D. S., Kayton, M., Million, L., Okuno, S. H., Ostrenga, A., Randall, R., Scharschmidt, et al

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- **Clinical features and outcomes of young patients with epithelioid sarcoma: an analysis from the Children's Oncology Group and the European paediatric soft tissue Sarcoma Study Group prospective clinical trials** *EUROPEAN JOURNAL OF CANCER*
Spunt, S. L., Francotte, N., De Salvo, G., Chi, Y., Zanetti, I., Hayes-Jordan, A., Kao, S. C., Orbach, D., Brennan, B., Weiss, A. R., van Noesel, M. M., Million, L., Alaggio, et al
2019; 112: 98–106
- **Clinical features and outcomes of young patients with epithelioid sarcoma: an analysis from the Children's Oncology Group and the European paediatric soft tissue Sarcoma Study Group prospective clinical trials.** *European journal of cancer (Oxford, England : 1990)*
Spunt, S. L., Francotte, N., De Salvo, G. L., Chi, Y., Zanetti, I., Hayes-Jordan, A., Kao, S. C., Orbach, D., Brennan, B., Weiss, A. R., van Noesel, M. M., Million, L., Alaggio, et al
2019; 112: 98–106
- **Moody D. Wharam Jr, MD, FACP, FASTRO, July 22, 1941-August 10, 2018.** *International journal of radiation oncology, biology, physics*
Jabbour, S. K., Timmerman, R. D., Raben, D., DeWeese, T. L., Donaldson, S. S., Thomas, P., Laurie, F., Bishop-Jodoin, M., Tarbell, N., Wolden, S., Halperin, E., Constine, L. S., Haas-Kogan, et al
2019; 103 (5): 1026–30
- **Pediatric Soft Tissue and Bone Sarcomas in Tanzania: Epidemiology and Clinical Features** *JOURNAL OF GLOBAL ONCOLOGY*
Siwillis, E., Dharse, N. J., Scanlan, T., Ngoma, M., Abraham, Z., Kahiu, J. N., Million, L.
2019; 5
- **Pediatric Soft Tissue and Bone Sarcomas in Tanzania: Epidemiology and Clinical Features.** *Journal of global oncology*
Siwillis, E. M., Dharse, N. J., Scanlan, T., Ngoma, M., Abraham, Z. S., Kahiu, J. W., Million, L.
2019: 1–6
- **The Outcome of Patients With Localized Undifferentiated Pleomorphic Sarcoma of the Lower Extremity Treated at Stanford University** *AMERICAN JOURNAL OF CLINICAL ONCOLOGY-CANCER CLINICAL TRIALS*
Kamat, N. V., Million, L., Yao, D., Donaldson, S. S., Mohler, D. G., van de Rijn, M., Avedian, R. S., Kapp, D. S., Ganjoo, K. N.
2019; 42 (2): 166–71
- **Larry Emanuel Kun, March 10, 1946-May 27, 2018.** *International journal of radiation oncology, biology, physics*
FitzGerald, T. J., Donaldson, S. S., Wharam, M., Laurie, F., Bishop-Jodoin, M., Moni, J., Tarbell, N., Shulkin, B., McCarville, E., Merchant, T., Krasin, M., Wolden, S., Halperin, et al
2019; 103 (1): 8–14
- **Outcomes for pediatric patients with osteosarcoma treated with palliative radiotherapy.** *Pediatric blood & cancer*
Chen, E. L., Yoo, C. H., Gutkin, P. M., Merriott, D. J., Avedian, R. S., Steffner, R. J., Spunt, S. L., Pribnow, A. K., Million, L. n., Donaldson, S. S., Hiniker, S. M.
2019: e27967
- **Preoperative Intensity Modulated Radiation Therapy Compared to Three-Dimensional Conformal Radiation Therapy for High-Grade Extremity Sarcomas in Children: Analysis of the Children's Oncology Group Study ARST0332.** *International journal of radiation oncology, biology, physics*
Rao, A. D., Chen, Q., Million, L., Spunt, S. L., Fitzgerald, T. J., Hu, C., Rao, S. S., Laurie, F., Kessel, S., Morano, K., Ladra, M. M., Terezakis, S. A.
2019; 103 (1): 38–44
- **The Outcome of Patients With Localized Undifferentiated Pleomorphic Sarcoma of the Lower Extremity Treated at Stanford University.** *American journal of clinical oncology*
Kamat, N. V., Million, L., Yao, D., Donaldson, S. S., Mohler, D. G., van de Rijn, M., Avedian, R. S., Kapp, D. S., Ganjoo, K. N.
2018
- **Evaluating Barriers and Opportunities in Delivering High-Quality Oncology Care in a Resource-Limited Setting Using a Comprehensive Needs Assessment Tool.** *Journal of global oncology*
Nwachukwu, C. R., Mudasiru, O., Million, L., Sheth, S., Qamoos, H., Onah, J. O., Okemini, A., Rhodes, M., Barry, M., Banjo, A. A., Habeebu, M., Olasinde, T. A., Bhatt, et al
2018: 1–9
- **The impact of postoperative therapy on primary cardiac sarcoma.** *The Journal of thoracic and cardiovascular surgery*
Wu, Y., Million, L., Moding, E. J., Scott, G., Berry, M., Ganjoo, K. N.
2018; 156 (6): 2194-2203

- **Addition of Vincristine and Irinotecan to Vincristine, Dactinomycin, and Cyclophosphamide Does Not Improve Outcome for Intermediate-Risk Rhabdomyosarcoma: A Report From the Children's Oncology Group.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*
Hawkins, D. S., Chi, Y., Anderson, J. R., Tian, J., Arndt, C. A., Bomgaars, L., Donaldson, S. S., Hayes-Jordan, A., Mascarenhas, L., McCarville, M. B., McCune, J. S., McCowage, G., Million, et al
2018; JCO2018779694
- **The Impact of Post-Operative Therapy on Primary Cardiac Sarcoma** *The Journal of Thoracic and Cardiovascular Surgery*
Wu, Y., Million, L., Moding, E. J., Scott, G., Berry, M., Ganjoo, K. N.
2018
- **NCCN Guidelines (R) Insights Bone Cancer, Version 2.2017 Featured Updates to the NCCN Guidelines** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
Biermann, J. S., Chow, W., Reed, D. R., Lucas, D., Adkins, D. R., Agulnik, M., Benjamin, R. S., Brigman, B., Budd, G. T., Curry, W. T., Didwania, A., Fabbri, N., Hornicek, et al
2017; 15 (2): 155-167
- **A Robust and Affordable Table Indexing Approach for Multi-isocenter Dosimetrically Matched Fields.** *Cureus*
Yu, A. n., Fahimian, B. n., Million, L. n., Hsu, A. n.
2017; 9 (5): e1270
- **Concurrent Imatinib and Radiation Therapy for Unresectable and Symptomatic Desmoid Tumors.** *Sarcoma*
Moding, E. J., Million, L., Avedian, R., Ghanouni, P., Kunder, C., Ganjoo, K. N.
2017; 2017: 2316839
- **Radiation Therapy for Primary Cutaneous Anaplastic Large Cell Lymphoma: An International Lymphoma Radiation Oncology Group Multi-institutional Experience.** *International journal of radiation oncology, biology, physics*
Million, L., Yi, E. J., Wu, F., von Eyben, R., Campbell, B. A., Dabaja, B., Tsang, R. W., Ng, A., Wilson, L. D., Ricardi, U., Kirova, Y., Hoppe, R. T.
2016; 95 (5): 1454-1459
- **The Parotid Gland is an Underrecognized Organ at Risk for Craniospinal Irradiation** *TECHNOLOGY IN CANCER RESEARCH & TREATMENT*
King, M. T., Modlin, L., Million, L., Donaldson, S. S., Gibbs, I. C., Choi, C. Y., Soltys, S. G.
2016; 15 (3): 472-479
- **Occult Dermal Lymphatic Involvement Is Frequent in Primary Cutaneous Anaplastic Large Cell Lymphoma.** *American Journal of dermatopathology*
Gratzinger, D., Million, L., Kim, Y. H.
2015; 37 (10): 767-770
- **Low-dose total skin electron beam therapy as an effective modality to reduce disease burden in patients with mycosis fungoides: Results of a pooled analysis from 3 phase-II clinical trials.** *Journal of the American Academy of Dermatology*
Hoppe, R. T., Harrison, C., Tavallae, M., Bashey, S., Sundram, U., Li, S., Million, L., Dabaja, B., Gangar, P., Duvic, M., Kim, Y. H.
2015; 72 (2): 286-292
- **Successful Treatment with Temozolomide Combined with Chemoradiotherapy and Surgery of a Metastatic Undifferentiated Soft Tissue Sarcoma with Relapse in the Central Nervous System of a Young Adult** *JOURNAL OF ADOLESCENT AND YOUNG ADULT ONCOLOGY*
Hsu, C. H., Daldrup-Link, H. E., Yeom, K. W., Donaldson, S. S., Million, L., Hazard, F. K., Rangaswami, A.
2014; 3 (2): 100-103
- **Survival and neurocognitive outcomes after cranial or craniospinal irradiation plus total-body irradiation before stem cell transplantation in pediatric leukemia patients with central nervous system involvement.** *International journal of radiation oncology, biology, physics*
Hiniker, S. M., Agarwal, R., Modlin, L. A., Gray, C. C., Harris, J. P., Million, L., Kiamanesh, E. F., Donaldson, S. S.
2014; 89 (1): 67-74
- **Outcome of patients with localized orbital sarcoma who relapsed following treatment on Intergroup Rhabdomyosarcoma Study Group (IRSG) Protocols-III and -IV, 1984-1997: A report from the Children's Oncology Group** *PEDIATRIC BLOOD & CANCER*
Raney, B., Huh, W., Hawkins, D., Hayes-Jordan, A., Million, L., Rodeberg, D., Teot, L., Anderson, J.
2013; 60 (3): 371-376
- **Is Tanning Bed Exposure Associated With Aggressive Basal Cell Carcinoma?** *JOURNAL OF CLINICAL ONCOLOGY*
Gamba, C. A., Wysong, A., Million, L., Aasi, S., Kim, J., Tang, J. Y.
2012; 30 (32): E333-E336

- **Chest Wall Leiomyosarcoma After Breast-Conservative Therapy for Early-Stage Breast Cancer in a Young Woman With Li-Fraumeni Syndrome** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
Henry, E., Villalobos, V., Million, L., Jensen, K. C., West, R., Ganjoo, K., Lebensohn, A., Ford, J. M., Telli, M. L.
2012; 10 (8): 939-942
- **Resectable pediatric nonrhabdomyosarcoma soft tissue sarcoma: which patients benefit from adjuvant radiation therapy and how much?** *ISRN oncology*
Million, L., Donaldson, S. S.
2012; 2012: 341408-?
- **INFLUENCE OF NONCOMPLIANCE WITH RADIATION THERAPY PROTOCOL GUIDELINES AND OPERATIVE BED RECURRENCES FOR CHILDREN WITH RHABDOMYOSARCOMA AND MICROSCOPIC RESIDUAL DISEASE: A REPORT FROM THE CHILDREN'S ONCOLOGY GROUP** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Million, L., Anderson, J., Breneman, J., Hawkins, D. S., Laurie, F., Michalski, J., Rodeberg, D., Wharam, M., Wolden, S., Donaldson, S. S.
2011; 80 (2): 333-338
- **Tumor volume and patient weight as predictors of outcome in children with intermediate risk rhabdomyosarcoma: a report from the children's oncology group.** *Cancer*
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2010
- **Early Treatment Failure in Intermediate-Risk Rhabdomyosarcoma: Results From IRS-IV and D9803-A Report From the Children's Oncology Group** *JOURNAL OF CLINICAL ONCOLOGY*
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- **Undifferentiated High-Grade Pleomorphic Sarcomas in Children: A Clinicopathologic Study of 10 Cases and Review of Literature** *PEDIATRIC AND DEVELOPMENTAL PATHOLOGY*
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