

THOMAS A. DIPETRILLO, M.D.
Selected Publications

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Counts D., Evans J., **DiPetrillo T.**, Sterling K., Kelley J: Collagen lysyl oxidase activity increases during bleomycin-induced lung fibrosis. *Journal of Pharmacology and Experimental Therapy*. 219:675-8, 1981.
2. Sterling K., **DiPetrillo T.**, Cutroneo K., Prestayko A.: Inhibition of collagen accumulation by glucocorticoids in rat lung after intratracheal bleomycin instillation. *Cancer Res*. 42:405-8, 1982.
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6. Jeffrey J., **DiPetrillo T.**, Counts D., Cutroneo K.: Collagen accumulation in neonatal rat skin: Absence of fibrillar collagen degradation during normal growth, collagen and related research. *Coll Relat Res*. 5(2):157-65, 1985.
7. Cutroneo K., **DiPetrillo T.**, Cutroneo K., Jr.: Variation of corticosteroid-induced inhibition of collagen synthesis at equivalent anti-inflammatory doses. *Journal of American Academy of Dermatology*. 22:1007-10, 1990.
8. Wazer D., **DiPetrillo T.**, Schmidt-Ullrich R., Weld L., Marchant D., Smith T., Robert N.: Factors influencing cosmetic outcome and complication risk after conservative surgery and radiotherapy for early stage breast carcinoma. *Journal of Clinical Oncology*. 10:356-63, 1992.
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10. Harling O., Zamenhof R., Solares G., Yanch J., Wazer D., Rogus R., Chabeuf J., Yam S., Bernard J., Cano G., **DiPetrillo T.**, Madoc-Jones J.: Preparations for phase I clinical trials of Boron Neutron Capture Therapy at the MIT reactor and New England Medical Center. *Radiation Oncology Invest.* 2:109-18, 1994.
11. Wazer D., Erban J., Robert N., Smith T., Marchant D., **DiPetrillo T.**, Schmidt-Ullrich R.: Breast conservation in elderly women for clinically negative axillary lymph nodes without axillary dissection. *Cancer.* 74:878-83, 1994.
12. Cano W., Solares G., **DiPetrillo T.**, Meylerts S., Lin S., Zamenhof R., Saris S., Duker J., Goad E., Madoc-Jones H., Wazer D.: Toxicity associated with boronophenylalanine and cranial neutron irradiation. *Radiation Oncology Invest.* 3:108-18, 1995.
13. Tsai J., Wazer D., Ling M., Wu J., Fagundes M., **DiPetrillo T.**, Kramer B., Koistinen M., Engler M.: Dosimetric verification of the dynamic intensity-modulated radiation therapy of 92 patients. *International Journal of Radiation Oncology, Biology, Physics.* 40(5):1213-30, 1998 Mar 15.
14. Tsai J., Engler M., Ling M., Wu J., **DiPetrillo T.**, Wazer, D.: A non-invasive immobilization system and related quality assurance for dynamic intensity modulated radiation therapy of intracranial and head and neck disease. *International Journal of Radiation Oncology, Biology, Physics.* 43(2):455-67, 1999 Jan 15.
15. Wazer D., Schmidt-Ullrich R., Ruthazer R., **DiPetrillo T.**, Boyle T., Kanski J., Safran H.: The influence of age and extensive intraductal component histology upon breast lumpectomy margin assessment as a predictor of residual tumor. *International Journal of Radiation Oncology, Biology, Physics.* 45(4):885-91, 1999 Nov 1.
16. King C., **DiPetrillo T.**, Wazer D.: Optimal radiotherapy for prostate cancer: Predictions for conventional external beam, IMRT, and brachytherapy from radiobiologic models. *International Journal of Radiation Oncology, Biology, Physics.* 46(1):165-72, 2000 Jan 1.
17. Safran H., Wanebo H., Hesketh P., Akerman P., Iannitti D., Cioffi W., **DiPetrillo T.**, Wolf B., Koness J., McAnaw R., Moore T., Chen M., Radie-Keane K.: Paclitaxel and concurrent radiation for gastric cancer. *International Journal of Radiation Oncology, Biology, Physics.* 46(4): 889-94, 2000 Mar 1.
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20. Safran H., Moore T., Iannitti D., **DiPetrillo T.**, Akerman P., Cioffi W., Harrington D., Quirk D., Rathore R., Cruff D., Vakharia J., Vora S., Savarese D., Wanebo H.: Paclitaxel and concurrent radiation for locally advanced pancreatic cancer. *International Journal of Radiation Oncology, Biology, Physics*. 2001; 49(5): 1275-9, 2001 Apr 1.
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26. Morr J., **DiPetrillo T.**, Engler M., Tsai J-S., Wazer D.: Implementation and utility of a daily ultrasound-based localization system with intensity-modulated radiotherapy for prostate cancer. *International Journal of Radiation Oncology, Biology, Physics*. 53(5):1124-29, 2002 Aug 1.
27. Safran H., **DiPetrillo T.**, Iannitti D., Quirk D., Akerman P., Cruff D., Cioffi W., Shah S., Ramdin N., Rich T.: Gemcitabine, paclitaxel, and radiation for locally advanced pancreatic cancer: A Phase I trial. *International Journal of Radiation Oncology, Biology, Physics*. 54(1):137-41, 2002 Sep 1.

28. Chung M., **DiPetrillo T.**, Hernandez S., Masko G., Wazer D., Cady B.: Treatment of the axilla by tangential breast radiotherapy in women with invasive breast cancer. *American Journal of Surgery*. 184(5):401-2, 2002 Nov.
29. Dupuy D., Mayo-Smith W., Abbott G., **DiPetrillo T.**: Clinical applications of radio-frequency tumor ablation in the thorax. *Radiographics*. 22 Spec No:S259-S269, 2002.
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33. Jain S., Dupuy D., Cardarelli G., Zheng Z., **DiPetrillo T.**: Percutaneous radiofrequency ablation of pulmonary malignancies: combined treatment with brachytherapy. *American Journal of Roentgenology*. 181(3):711-5, 2003 Sept 5.
34. Safran H, **DiPetrillo T**, Nadeem A, Steinhoff M, Tantravahi U, Rathore R, Wanebo H, Hughes M, Maia C, Tsai JY, Pasquariello T, Pepperell JR, Cioffi W, Kennedy T, Reeder L, Ng T, Adrian A, Goldstein L, Chak B, Choy H.: Trastuzumab, paclitaxel, cisplatin and radiation for adenocarcinoma of the esophagus: a phase I study. *Cancer Investigation*. 22(5):670-7, 2004
35. Shah N., Tenenholz T., Arthur D., **DiPetrillo T.**, Bornstein B., Cardarelli G., Zheng Z., Rivard M., Kaufman S., Wazer D.: MammoSite and interstitial brachytherapy for accelerated partial breast irradiation: factors that affect toxicity and cosmesis. *Cancer*. 101(4):717-734, 2004 Aug 15.
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39. Kaufman S, **DiPetrillo T.**, Wazer D.: Accelerated Partial Breast Irradiation: Current Modalities and Investigations. *Medicine and Health/Rhode Island.* 89 (2): 70-3, 2006 February.
40. Dupuy D, **DiPetrillo T.**, Sachin G, Neal R, Ng T, Donat W, Mayo-Smith W.: Radiofrequency Ablation Followed by Conventional Radiotherapy for Medically Inoperable Stage I Non-small Cell Lung Cancer. *Chest;* 129; 738-45. 2006.
41. Boyer A., Butler B., **DiPetrillo T.**, Engler M., Benedick F., Grant W. III, Leibel S., Ling C., Low D., Mackie T., Mohan R., Purdy J., Roach M., Rosenman J., Verhey L., Wong J.: Intensity Modulated Radiation Therapy: The state of the Art. *International Journal of Radiation Oncology, Biology, Physics..* In press

OTHER PUBLICATIONS

1. Solares G., Zamenhof R., Wazer D., Bernard J., Harling O., **DiPetrillo T.**, Madoc-Hones H., Coderre J., Meek A: Federal and institutional approvals necessary prior to a US clinical trial of neutron capture therapy. *Proceedings of the Fifth International Symposium on Neutron Capture Therapy, 1993.*
2. Solares G., Zamenhof R., Wazer D., **DiPetrillo T.**, Saris S., Cano G., Harling O.: Effects of fractionation of boron neutron capture therapy in a mouse glioma model. *Proceedings of the Fifth International Symposium on Neutron Capture Therapy, 1993.*
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4. Engler M., Tsai J-S., **DiPetrillo T.**, Wazer D.: Optimization Strategies for Inverse Planning. *Proceedings of the 5th International Symposium on 3-D Conformal Radiation Therapy and Brachytherapy, Memorial Sloan-Kettering Cancer Center, New York, NY, 329-32, 2000 Jun 1-3.*
5. **DiPetrillo T**, Dupuy D.: Radiofrequency Ablation and Radiotherapy: Complementing Treatments for Solid Tumors *Seminars in Interventional Radiology* J Kaufman, P Mueller (ed) Thieme Pub. In press

BOOKS AND BOOK CHAPTERS

1. Engler M., Tsai J-S, **DiPetrillo T.**, Wazer D.: The Reduction of Inversely Planned Intensity-Modulated Radiation Tomotherapy to Clinical Practice. Proceedings of the VIth International Conference on Med Phys., Patras, Greece. September 1-4, 1999. Sponsored by the European Federation of Organizations for Medical Physics. Physica Medica Vol XV, N. 3, July-September, 241-2. 1999.
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6. **DiPetrillo T.**, Wazer D., Engler M., Tsai J., Boyle T., Godin C., Pagnini P.: Head and Neck IMRT: New England Medical Center Experience. In, *3-D Conformal and Intensity Modulated Radiation Therapy: Physics and Clinical Applications*. JA Purdy, WH Grant, JR Palta, EB Butler, CA Perez, eds. Advanced Medical Publishing, Inc. Madison, WI 523-8, 2001.

EDITORIALS

1. Schmidt-Ullrich R., Wazer D., **DiPetrillo, T.**: Optimal management of the tumor-bearing quadrant in the setting of breast-conserving therapy. Editorial Reply. International Journal of Radiation Oncology, Biology, Physics.. 27:757-8, 1993.