

Anastasia Stergioula

Radiation Oncologist, MD, MSc, PhD

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PERSONAL STATEMENT

Anastasia Stergioula is a seasoned doctor with over 15 years of experience in the field of Radiation Oncology (RO) within the Hellenic private health sector. Alongside conventional 3D-conformal radiation therapy, she adeptly employs advanced methods like Volumetric Modulated Arc Therapy (VMAT), Intensity Modulated Radiation Therapy (IMRT), Stereotactic Body Radiation Therapy (SBRT) and Stereotactic Radiosurgery (SRS), and Brachytherapy to effectively treat patients with cancer. Her research endeavors are primarily focused on hypo-fractionated protocols for treating oncological patients, exploring re-irradiation treatments, and investigating the histopathological response of sarcomas through neo-adjuvant radiotherapy. Anastasia's impactful research has been shared in over 30 presentations at scientific conferences and has yielded 6 published papers in peer-reviewed literature.

EDUCATION

- 2025: PhD Thesis "Pathological Response after Preoperative Radiotherapy in Soft Tissue Sarcomas", Medical School, National and Kapodistrian University of Athens
- 2023: MSc in Nanomedicine, Medical School, National and Kapodistrian University of Athens.
ELEKTA Teaching Course: "Stereotactic Radiotherapy", LMU Klinikum, Germany
BrachyAcademy: "Brachytherapy (interventional RT) in cervical cancer", Rome, Italy.
- 2022: ACCURAY Peer-to-Peer Clinical Training Program: "SRS Thalamotomy for Tremor", Morges, Switzerland.
- 2020: ACCURAY Training: "CyberKnife System Product Physician Training" (web)
ELEKTA Training: "Active Breathing Coordinator (ABC)", Athens, Greece.
- 2019: ESTRO Teaching Course: "Target volume determination", Athens, Greece.
- 2018: ESTRO Teaching Course: "Advanced treatment planning", Athens, Greece.
ESTRO Teaching Course: "Evidence based radiation oncology", Athens, Greece.
- 2017: ESTRO Teaching Course: "Image guided and adaptive radiotherapy in clinical practice" Athens, Greece.
- 2015: ESTRO Teaching Course: "Multidisciplinary teaching course on lung cancer", Athens-Greece.
- 2014: ESTRO Teaching Course: "Image-guided radiotherapy and chemotherapy in gynaecological cancer", Florence, Italy.
- 2013: ESTRO Teaching Course: "Image-guided radiotherapy in clinical practice" London, United Kingdom.
- 2007: ESTRO Teaching Course: "Evidence-based radiation oncology: Methodological basis and clinical application", Athens, Greece.
ESTRO Teaching Course: "Multidisciplinary teaching course in prostate" Ghent-Belgium.
- 2006: ESTRO Teaching Course: "Evidence-based radiation oncology: Methodological basis and clinical application", Giardini Naxos, Italy.
ESTRO Teaching Course: "Imaging for target volume determination in radiotherapy" Athens-Greece.
ESTRO Teaching Course: "Molecular oncology for the radiation oncologist" Granada, Spain.
- 2005: ESTRO Teaching Course: "Modern brachytherapy techniques" Santorini, Greece.
- 2003: Medical Doctor, Medical School, University of Ioannina

CLINICAL EXPERIENCE

- 2019 – present: Radiation oncologist, Radiotherapy department, Private Special Pathologic Clinic IATROPOLIS SA
- 2008 – present: Radiation oncologist, Radiation oncology center, General hospital "IASO"
- 2004 – 2008 : Radiation oncology resident, 1st oncology department, Saint Savvas Anticancer Hospital

RESEARCH

Principal and participant-researcher in more than thirteen research programs including:

- A Phase III, Randomized, Placebo-controlled, Double-blind, Multicenter, International Study of Durvalumab with Stereotactic Body Radiation Therapy (SBRT) for the Treatment of Patients with unresected Stage I/II, lymph node negative Non-small Cell Lung Cancer (PACIFIC-4/RTOG-3515).
- Stereotactic Radiotherapy for lung metastases in oligometastatic sarcoma patients (Hellenic Group of Sarcomas and Rare Cancers).
- The effect of treatment time using appropriate radiobiological models in Stereotactic Radiosurgery applications of intracranial lesions (International Collaboration Group).

MEMBERSHIPS

- Member of the European Society for Radiotherapy and Oncology (ESTRO), www.estro.org
- Member of the European Society for Medical Oncology (ESMO), www.esmo.org
- Member of the scientific committee of the Hellenic Group of Sarcomas and Rare Cancers, www.eosso.gr
- Member of the Greek Radiation Oncology Association, www.eeao.gr

PUBLICATIONS

1. Moutsatsos A, Cotrutz C, Stergioula A, Tuleasca C and Pantelis E. Time-resolved biological effective dose distributions in stereotactic radiosurgery for vestibular schwannomas: a comparative analysis between two dedicated stereotactic radiosurgery systems. *Physics in Medicine & Biology* **70**(17):175004 (2025). doi:10.1088/1361-6560/adfa65
2. Stergioula A, Kokkali S, Kormas T, Memmos N, Pantelis E. Stereotactic Radiotherapy for locally recurrent and metastatic soft tissue sarcoma. *Cureus*, **17**(5): e84886 (2025). doi:10.7759/cureus.84886
3. Stergioula A, Kormas T, Kokkali S, Kyriazoglou A and Pantelis E. Precision Treatment of Pulmonary Sarcoma Metastasis Using Personalized Ultrafractionated Stereotactic Adaptive Radiotherapy: A Case Report, *Cureus*, **17**(4): e82084 (2025). doi:10.7759/cureus.82084
4. Stergioula A, Kormas T, Kokkali S, Memos N, Pantelis E, Pouloudi D and Agrogiannis G What Is the Prognostic Value of the Pathologic Response after Neoadjuvant Radiotherapy in Soft Tissue Sarcoma ? An Institutional Study Using the EORTC – STBSG Response Score, *Cancers (Basel)*, **16**:3449 (2024). doi:10.3390/cancers16203449
5. Kokkali S, Boukovinas I, de Bree E, Koumarianou A, Georgoulas V, Kyriazoglou A, Tsoukalas N, Memos N, Papanastassiou J, Stergioula A, Tsapakidis K, Loga K, Duran-Moreno J, Papanastasopoulos P, Vassos N, Kontogeorgakos V, Athanasiadis I, Mahaira L, Dimitriadis E, Papachristou D J and Agrogiannis G. The Impact of Expert Pathology Review and Molecular Diagnostics on the Management of Sarcoma Patients: A Prospective Study of the Hellenic Group of Sarcomas and Rare Cancers, *Cancers (Basel)*, **16**:2314 (2024). doi:10.3390/cancers16132314
6. Stergioula A, Moutsatsos A and Pantelis E. Exploring long-term outcomes following CyberKnife robotic radiosurgery for trigeminal neuralgia, *Clin. Transl. Radiat. Oncol.*, **48**:100821 (2024). doi:10.1016/j.ctr.2024.100821
7. Stergioula A, Kokkali S and Pantelis E. Multimodality treatment of primary cardiac angiosarcoma: A systematic literature review, *Cancer Treat. Rev.* **120**:102617 (2023). doi:10.1016/j.ctrv.2023.102617
8. Stergioula A, Pantelakos P, Varthalitis I, Agrogiannis G and Pantelis E. Treatment of an unresectable cardiac angiosarcoma using paclitaxel and image guided radiotherapy: Case report and literature review, *Clin. Transl. Radiat. Oncol.* **40**:100619 (2023). doi:10.1016/j.ctr.2023.100619
9. Stergioula A and Pantelis E, Treatment of a primary cardiac angiosarcoma with stereotactic body radiation therapy, *Hell. J. Cardiol.* **0-1** (2023). doi:10.1016/j.hjc.2023.04.001

10. Stergioula A, Pantelis E, Kontogeorgakos V, Lazaris A C and Agrogiannis G. Understanding the Role of Radio-Sensitizing Nanoparticles in Enhancing Pathologic Response in Soft Tissue Sarcomas, *Cancers (Basel)*, **15**:5572 (2023). doi:10.3390/cancers15235572
11. Stergioula A, Pantelis E, Kormas T and Agrogiannis G. Case report: skeletal muscle metastasis from follicular thyroid carcinoma presenting as synovial sarcoma, *Front. Oncol.* **13**:1–4 (2023). doi:10.3389/fonc.2023.994729
12. Kokkali S, Vini L, Stergioula A, Kyriazoglou A, Vassos N and Boukovinas I. Brain metastases from adult sarcomas: A retrospective cohort study from the hellenic group of sarcomas and rare cancers (hgsr), *J. Clin. Med.* **10**:5978 (2021). doi:10.3390/jcm10245978