

Special Issue on
Emerging Topics in Orthopaedic Oncology

CALL FOR PAPERS

Although there have been important advances towards creating evidence-based practice guidelines in orthopaedic oncology, producing high-level research continues to be challenging since the diseases encountered are rare and the numbers seen by any one center are small.

Recently there has been increased collaboration among orthopaedic oncologists worldwide to identify and answer the most challenging questions within the research field today. Additionally, a developing interest in new technologies has presented opportunities for research in which artificial intelligence and 3D printing can potentially help enhance the care of patients with musculoskeletal tumors through more accurate prediction models, increased precision, and better functional outcomes.

Therefore, the aim of this special issue is to shed light on these advances through the publication of research articles on these emerging topics. We especially welcome research on the latest technological advances to improve the diagnosis and surgical management of soft tissue sarcoma, bone sarcoma, and oligometastatic disease, as well as recent advances in the medical treatment of these conditions.

Potential topics include but are not limited to the following:

- ▶ Technological advances in orthopaedic oncology (machine learning, augmented reality, surgical navigation, and 3D printing)
- ▶ Long-term outcome of pelvic reconstruction implants in orthopedic oncology
- ▶ Surveillance strategies following resection of bone and soft tissue sarcomas
- ▶ Outcomes following the surgical management of metastatic/oligometastatic bone disease
- ▶ Oncologic outcomes and implant survival in pediatric bone and soft tissue sarcoma
- ▶ Management of wound complications and infected implants in orthopedic oncology
- ▶ The molecular basis of bone and soft tissue malignancies

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/jo/etoo/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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