Sarcomas

Sarcomas are a heterogeneous group of mesenchymal tumors, which can develop in any part of the body. Their simplest classification concerns bone sarcomas, soft tissue sarcomas and gastrointestinal stromal tumors-GIST. In addition, they can occur at any age albeit with a more frequent occurrence in children and young adults, constituting a very serious challenge for modern oncology. The basic treatment of sarcomas is surgical removal with wide margins. Precise histological identification, due to heterogeneity, is often problematic and requires great expertise. In addition, sarcomas are accompanied by specific molecular rearrangements, which are used for both diagnostic, prognostic and therapeutic purposes.

The development of recurrence or metastases are major negative prognostic indicators for overall survival of patients with sarcoma, either of the bones or soft tissues. Systemic chemotherapy is a key weapon in the therapeutic quiver after the development of metastases or inoperable recurrence. Unfortunately, therapeutic options at later lines of therapy show limited effectiveness.

Our Oncology Department has a Sarcoma and Mesenchymal Neoplasm Outpatient Clinic. In addition, all cases are discussed at the Multidisciplinary Team Meeting with the participation of surgeons of all specialties, pathologists, molecular biologists, radiation oncologists, radiologists and medical oncologists. Furthermore, both national and international clinical studies are conducted in our department.