

**Checklist for the structured recording  
of indications of a genetic predisposition  
with a diagnosis of soft tissue or bone tumor and  
Age of onset  $\geq$  18 years**

Name, First name:

.....

.....

born on: .....

Date of completion: .....

This record should be updated if necessary. **The indication for genetic counseling/diagnostics should be checked if at least 1 of the following criteria is fulfilled.** A fulfilled criterion alone is not proof of a genetic predisposition genetic predisposition to sarcomas..

**a) Diagnosis of one of the following bone and soft tissue tumors**

- Rhabdomyosarcoma
- Osteosarcoma
- Sarcoma of the cervix uteri
- pleuropulmonary blastoma
- Malignant peripheral nerve sheath tumor (MPNST)
- Abdominal fibromatosis without evidence of a *CTNNB1* mutation
- Gastrointestinal stromal tumor (GIST) without evidence of a *KIT* or *PDGFRA* mutation
- Intracranial sarcoma
- Not applicable

**b) Personal history**

- Two bone or soft tissue tumors, one of which is  $\leq$  45 years of age (first diagnosis)
- Occurrence of multifocal bone and soft tissue tumors
- Not applicable

**c) Diagnosis of additional anomalies/tumors**

- Skin changes, e.g., café-au-lait spots, pits, skin tumors, etc.
- Growth abnormalities, e.g., macrocephaly, asymmetries, exostoses, myxomas, osteochondromas
- Intellectual developmental disorder
- Congenital malformations
- Syndromal (distinctive) facial features
- Not applicable

**d) Pathogenic gene variant in the tumor with indication of a possible germline variant**

- Yes
- No
- No answer

**e) Family history**

- $\geq$  1 first- or second-degree relative diagnosed with cancer in childhood or adolescence
- $\geq$  1 first-degree relative with the same tumor or with a cancer diagnosis  $\leq$  45 years of age
- $\geq$  2 second-degree relatives with the same tumor or with a cancer diagnosis  $\leq$  45 years of age
- $\geq$  1 first- or second-degree relative with breast cancer  $\leq$  45 years, brain tumor or rare cancer (e.g. adrenocortical carcinoma, paraganglioma - <https://www.rarecancerseurope.org>)
- Not applicable