

Concordance between first diagnosis and the expert review

Table 4: Diagnostic differences in cases with zero concordance

Expert diagnosis	Initial diagnosis	Frequency (n=70)
NOS Sarcoma	MPNST	1
NOS Sarcoma	Angiosarcoma	1
NOS Sarcoma	Unclassified malignant tumor	6
NOS Sarcoma	Leiomyosarcoma	1
NOS Sarcoma	GIST	1
NOS Sarcoma	Chondrosarcoma	1
NOS Sarcoma	Embryonic Rhabdomyosarcoma	1
NOS Sarcoma	Benign Tumor	1
NOS Sarcoma	Liposarcoma	1
NOS Sarcoma	Leiomyosarcoma	2
Leiomyosarcoma	Benign Tumor	2
Leiomyosarcoma	NOS Sarcoma	1
Osteosarcoma	NOS Sarcoma	1
Osteosarcoma	Unclassified malignant tumor	1
Osteosarcoma	Melanoma	1
Lipoma-like Liposarcoma	Benign Tumor	1
Lipoma-like Liposarcoma	Fibrosarcoma	1
Lipoma-like Liposarcoma	Unclassified malignant tumor	1
Liposarcoma	Benign Tumor	1
Liposarcoma	NOS Sarcoma	2
Dedif. Liposarcoma	Leiomyosarcoma	2
Dedif. Liposarcoma	Unclassified malignant tumor	1
Dedif. Liposarcoma	NOS Sarcoma	1
Myxofibrosarcoma	Liposarcoma	1
Myxofibrosarcoma	NOS Sarcoma	3
Myxofibrosarcoma	Sarcomatoid Carcinoma	1
Myxofibrosarcoma	Chondrosarcoma	1
Sarcomatoid Carcinoma	Leiomyosarcoma	1
Sarcomatoid Carcinoma	NOS Sarcoma	3
Angiosarcoma	Unclassified malignant tumor	1
Angiosarcoma	Synovial sarcoma	1
Benign Tumor	Inflammatory MyxofibroSarcoma	1
Benign Tumor	Leiomyosarcoma	1
Benign Tumor	Well-differentiated lipoma-like Liposarcoma	1
Epithelioid Sarcoma	Unclassified malignant tumor	1
Epithelioid Sarcoma	Synovial sarcoma	1
PNET / Ewing sarcoma	Carcinoma	2
PNET / Ewing sarcoma	Unclassified malignant tumor	3
Rhabdomyosarcoma	Leiomyosarcoma	1
GIST	NOS Sarcoma	1
Carcinoma	Phyllodes Tumor	1
Carcinoma	NOS Sarcoma	1
Solitary fibrosis / malignant Tumor	GIST	1
Uterine Leiomyosarcoma	Benign Tumor	1
PEComa	Unclassified malignant tumor	1
Fibrosarcoma	Unclassified malignant tumor	1
Endometrial Stromal Sarcoma	Leiomyosarcoma	1
Epithelioid Hemangioendothelioma	Carcinoma	1
Inflammatory Myxofibrosarcoma	Epithelioid Sarcoma	1
Unclassified malignant tumor	Carcinoma	1
Low grade fibromyxoid Sarcoma	Benign Tumor	1
Kaposi sarcoma	NOS Sarcoma	1
Synovial sarcoma	Benign Tumor	1
Dermatofibrosarcoma protuberans	Benign Tumor	1

NOS: not otherwise specified

PNET: primitive neuroectodermal tumor

GIST: gastrointestinal stromal tumor

PEComa: malignant perivascular epithelioid cell tumor

MPNST: malignant peripheral nerve sheath tumor