

BIPHASIC SYNOVIAL SARCOMA

DESCRIPTION: Section shows a biphasic tumor composed of malignant epithelial (tubulo-alveolar structures) and spindle cell elements (monomorphic hypercellular spindle cells with pleomorphic nuclei) in varying proportions.

DIAGNOSIS: Biphasic malignant tumor, favours biphasic synovial sarcoma

ADDITIONAL WORK :

(1) IHC panel

TUMOR	TFE-3	CK	EMA	Vimentin	Bcl ₂	Calretinin
Synovial Sarcoma	+	+	+	-	+	-
Carcinosarcoma	-	+	-	+	-	-
Mesothelioma	-	-	-	-	-	+

(2) Discuss at Sarcoma MDT

(3) Send for expert opinion

(4) Send for cytogenetic study: t(x,18), SSX-SYT