Sarcomatoid morphology (Required)

Reason/Evidentiary Support

The presence of sarcomatoid morphology is seen in approximately 5% of renal cell carcinomas and is associated with a poor prognosis. ^{15,23-26} Numerous studies have confirmed that sarcomatoid morphology may occur within any of the main subtypes of renal cell carcinoma and represents high grade disease. ^{1,9} The five year survival for patients with sarcomatoid morphology is of the order of 15 to 22%. ^{1,9,23-26} The outcome associated with sarcomatoid morphology is stage dependent. ²⁷ The presence of sarcomatoid morphology is incorporated into the WHO/ISUP grading system (Grade 4). ¹⁵

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