

# Subcutaneous MCT

- Subcutaneous MCTs (SMCTs) originate in the subcutis and do not have a dermal component
- The original Patnaik 3-tier grading of MCTs DID NOT include subcutaneous MCTs
- SMCTs and cutaneous MCTs (CMCTs) have some diagnostic and prognostic differences
- Most SMCTs have a favorable prognosis → Extended survival times and fewer recurrences and metastasis
- Survival times for SMCTs: 6-month (95%), 1 year (93%), 2 years (92%), 5 years (86%)
- Decreased survival time depends mainly on the mitotic index:
  - »  $MI \leq 4 \rightarrow 950$  days
  - »  $MI > 4 \rightarrow 140$  days
- Other factors influencing survival time:
  - » Infiltrative tumor growth
  - » Presence of multinucleate giant cells

**AS WITH CMCTs, COMPLETE SURGICAL EXCISION REDUCES LOCAL RECURRENCE**