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 ≤ 4 → 950 days
  » MI > 4 → 140 days
- Other factors influencing survival time:
  » Infiltrative tumor growth
  » Presence of multinucleate giant cells

AS WITH CMCTs, COMPLETE SURGICAL EXCISION REDUCES LOCAL RECURRENTNESS