



Fred Hutch · Seattle Children's · UW Medicine

# SOFT TISSUE SARCOMA SURGERY

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# EXCISION OF SOFT TISSUE SARCOMA

- Local vs systemic treatment
- Excision options
  - Limb preservation
  - Amputation
- Determinants of local control
- Function and quality of life considerations

# LOCAL VS SYSTEMIC TREATMENT

- Surgery +/- radiation combined for local control
- Primary objective is prevent local recurrence

# EXCISION OPTIONS

- Limb preservation
  - Complete removal of tumor with sufficient margin
  - Preserve as much function as possible
  - Combination of surgery and radiation
- Amputation
  - Select circumstances

# DETERMINANTS OF LOCAL CONTROL

- Previous predictors
  - Size
  - Site
  - Grade
- Contemporary models
  - Margins

# FUNCTION AND QUALITY OF LIFE CONSIDERATIONS

- Combination of radiation and surgery
  - Local control
  - Preservation of function
- Quality of life studies
  - Comparison of limb preservation and amputation
  - Determinants of quality of life
    - Future treatments to optimize disease control and quality of life

# THANK YOU

