**Section: Contact Information**

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**Section: Project Requirements and Description**

**Group: Requirements to submit AOI**

A comprehensive review of previously published data has been completed.: Yes  
The specific aims are clear and focused.: Yes  
The investigator has appropriate experience and expertise to develop the concept proposal; if not, has identified a mentor or senior co-investigator.: Yes  
The investigator agrees to develop an initial draft of the concept proposal within 6 weeks of approval of the AOI and to finalize the concept proposal within 6 months.: Yes  
Project Title: Rate of and Risk Factors for Secondary Amputation after Primary Limb Salvage Surgery to Treat Pediatric Sarcoma  
Planned research population (eligibility criteria): Sarcoma patients who underwent primary limb salvage surgery as part of treatment for sarcoma  
Proposed specific aims:  
1) Describe baseline characteristics (including diagnosis and demographics) of patients in both the original and expansion cohorts who underwent primary limb salvage surgery for sarcoma (versus primary amputation)  
2) Identify demographic, disease, and treatment characteristics that affect the risk of undergoing a secondary amputation after primary limb salvage surgery for sarcoma  
3) Compare and contrast these characteristics (in #2) between the original and expansion cohorts to see if predictor variables for amputation changed over time  
4) Identify survival rates amongst patients who underwent secondary amputation after limb salvage surgery for specific indications  
Will the project require non-CCSS funding to complete?: No  
If yes, what would be the anticipated source(s) and timeline(s) for securing funding?:  

**Group: Does this project require contact of CCSS study subjects for:**  
Additional self-reported information: No  
Biological samples: No  
Medical record data: No  
If yes to any of the above, please briefly describe.: 
Group: What CCSS Working Group(s) would likely be involved? (Check all that apply)

Second Malignancy:
Chronic Disease: Primary
Psychology / Neuropsychology:
Genetics:
Cancer Control:
Epidemiology / Biostatistics: Secondary

Section: Outcomes or Correlative Factors

Late mortality: Primary
Second Malignancy: Correlative Factors

Group: Health Behaviors
Tobacco: Correlative Factors
Alcohol:
Physical activity: Correlative Factors
Medical screening: Correlative Factors
Other:
If other, please specify:

Group: Psychosocial
Insurance:
Marriage:
Education:
Employment:
Other:
If other, please specify:

Group: Medical Conditions
Hearing/Vision/Speech:
Hormonal systems: Correlative Factors
Heart and vascular: Correlative Factors
Respiratory:
Digestive:
Surgical procedures: Primary
Brain and nervous system:
Other:
If other, please specify:

Group: Medications
Describe medications:

Group: Psychologic/Quality of Life
BSI-18:
SF-36:
CCSS-NCQ:
PTS:
PTG:
Other:
If other, please specify:

**Group: Other**
Pregnancy and offspring:
Family history:
Chronic conditions (CTCAE v3) : Correlative Factors
Health status : Correlative Factors

**Group: Demographic**
Age : Correlative Factors
Race : Correlative Factors
Sex : Correlative Factors
Other:
If other, please specify:

**Group: Cancer treatment**
Chemotherapy : Correlative Factors
Radiation therapy : Correlative Factors
Surgery : Correlative Factors

**Section: Anticipated Sources of Statistical Support**
CCSS Statistical Center : Yes
Local institutional statistician :
If local, please provide the name(s) and contact information of the statistician(s) to be involved. :
Will this project utilize CCSS biologic samples? : No
If yes, which of the following? :
If other, please explain :

**Section: Other General Comments**
Other General Comments :
This study aims to focus on secondary amputations after primary limb salvage surgery in pediatric sarcoma. Additional studies for patients in the CCSS cohorts related to the outcomes (functional, psychosocial, etc) after limb salvage surgery and amputation could be undertaken as indicated.
I agree to share this information with St. Jude : Yes