**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: **Burden of Late Surgery in Survivors of Childhood Cancer**
Planned research population (eligibility criteria): All survivors and siblings in the baseline and expansion cohorts will be included.

Proposed specific aims:

1. To quantify the incidence rate of late surgery, defined as the number of invasive surgical procedures per person-time >5 years after diagnosis of childhood cancer, among survivors of childhood cancer compared to their sibling controls.
   Hypothesis: The incidence rate of any late surgery is higher in survivors compared to their siblings.

2. To quantify the surgical risk sustained by survivors of childhood cancer compared to their sibling controls.
   Hypothesis: Survivors will undergo more surgical procedures associated with high risk as compared to their siblings.

3. To quantify the incidence rate of late surgery and the surgical risk associated with individual cancer diagnoses among survivors.
   Hypothesis: The incidence rate of any late surgery and surgical risk will vary among survivors according to cancer diagnosis.
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 :
Second Malignancy : Correlative Factors

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

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

**Group: Medical Conditions**
Hearing/Vision/Speech :
Hormonal systems :
Heart and vascular :
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:

**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:
I agree to share this information with St. Jude: Yes