

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 : **Predicting Chronic Conditions in Adult Female Survivors of Childhood Cancer**

Planned research population (eligibility criteria) :

Females in CCSS who are age \geq 18 years

Proposed specific aims :

Aim 1: To predict long-term overall survival in females within the CCSS cohort using the UK risk categorization. Using the UK calculator we will place females in low, intermediate, or high risk categories and compare long-term overall survival by risk category. We will conduct our study with survival being defined at A) 10 years after initial diagnosis, B) 15 years after diagnosis, C) 20 years of age, and D) 30 years of age to assess to what extent these risks can be consistently assessed over time.

Aim 2: To predict the incidence of serious chronic health conditions (grade 3-5) within the CCSS cohort using the UK risk categorization. We will examine the incidence of serious chronic health conditions including cardiovascular, pulmonary, renal conditions, depression, and development of SMNs. We will assess these events both at A) 10 years after initial diagnosis, B) 15 years after diagnosis, C) 20 years of age, and D) 30 years of age. Women will be limited to those without any evidence of chronic health conditions at each time point, with the focus being to identify incident late events in previously healthy women.

Will the project require non-CCSS funding to complete? : **Yes**

If yes, what would be the anticipated source(s) and timeline(s) for securing funding? :

We are applying for a supplement to the EMPOWER-II Study, using NOT-CA-20-038: Administrative Supplements for Development of Risk-Stratified Cancer Survivorship Care

Algorithms. This proposal has been discussed with the NCI project officer for the EMPOWER-II Study and the project officers for the NOT.

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 : **Secondary**

Genetics :

Cancer Control :

Epidemiology / Biostatistics : **Secondary**

Section: Outcomes or Correlative Factors

Late mortality : **Primary**

Second Malignancy : **Secondary**

Group: Health Behaviors

Tobacco :

Alcohol :

Physical activity :

Medical screening :

Other :

If other, please specify :

Group: Psychosocial

Insurance :

Marriage :

Education :

Employment :

Other :

If other, please specify :

Group: Medical Conditions

Hearing/Vision/Speech :

Hormonal systems :

Heart and vascular :

Respiratory :

Digestive :

Surgical procedures :

Brain and nervous system :

Other : **Primary**

If other, please specify : **Grade 3-5 chronic conditions**

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) : **Primary**

Health status :

Group: Demographic

Age : **Secondary**

Race : **Secondary**

Sex :

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. :

We are working with Dr. Wendy Leisenring. Funding will be provided for the analysis.

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**