

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 : **Assessment of Hearing Impairment in Long-term Survivors of Childhood Cancer**

Planned research population (eligibility criteria) :

Eligible patients will include long-term survivors (5+ years from diagnosis) of pediatric malignancies (age at diagnosis <18 years) treated with platinum-based chemotherapy (cis-platinum or carboplatin). Patients will be excluded if they self-report deafness or impaired hearing at birth.

Proposed specific aims :

To evaluate the prevalence and predictors of participant-reported hearing impairment across multiple time points among long-term survivors of pediatric cancers treated with platinum-based agents

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 :

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 : **Primary**

Hormonal systems :

Heart and vascular :

Respiratory :

Digestive :

Surgical procedures :

Brain and nervous system :

Other :

If other, please specify :

Group: Medications

Describe medications :

The primary exposure variable(s) will consist of timing/date, course, and

cumulative dose of platinum-based agents: Cis-platinum or carboplatin

Other medication information, including self-reported use of aminoglycosides and loop diuretics, will be considered as correlative factors for treatment-associated hearing impairment.

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) :

Health status :

Group: Demographic

Age : **Correlative Factors**

Race : **Correlative Factors**

Sex : **Correlative Factors**

Other : **Correlative Factors**

If other, please specify : **Age at diagnosis, primary tumor diagnosis, body surface area/weight at diagnosis, timing/date and dose or treatment information**

Group: Cancer treatment

Chemotherapy : **Correlative Factors**

Radiation therapy : **Correlative Factors**

Surgery : **Correlative Factors**

Section: Anticipated Sources of Statistical Support

CCSS Statistical Center :

Local institutional statistician : **Yes**

If local, please provide the name(s) and contact information of the statistician(s) to be involved. :

I have biostatistics and epidemiology training and have the analytic experience necessary to conduct the proposed research. I will also be working closely with mentors, experienced in epidemiologic data analysis, to complete this project.

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 :

The project will be restricted to data available from the baseline, 2000, and 2007 CCSS assessments.