**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: Long term cardiovascular mortality of childhood cancer survivors - safety and efficacy of percutaneous coronary interventions (PCI)

Planned research population (eligibility criteria): Survivors with coronary artery disease and percutaneous coronary interventions/bypass surgery/heart transplant

Proposed specific aims:  
1. Describe the incidence of coronary artery disease requiring percutaneous intervention (angioplasty, coronary artery bypass grafting) among survivors in the original and expansion cohorts.  
2. Identify disease and demographic characteristics that predict the development of coronary artery disease (CAD).  
3. Determine the potential predictive value of cancer type, characteristics, therapy provided (chemotherapy, radiation or both) and time of diagnosis of CAD (first symptoms or noninvasive imaging diagnosis)  
4. After initial evaluation and preliminary data obtained, we plan to request information from Cath PCI registry national registry and obtain additional information and compare overall outcomes with a matched noncancer group

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, Correlative Factors

Second Malignancy:

**Group: Health Behaviors**

Tobacco: Correlative Factors

Alcohol: Correlative Factors

Physical activity: Correlative Factors

Medical screening: Correlative Factors

Other:

If other, please specify:

**Group: Psychosocial**

Insurance: Correlative Factors

Marriage: Correlative Factors

Education: Correlative Factors

Employment: Correlative Factors
Other:
If other, please specify:

**Group: Medical Conditions**

Hearing/Vision/Speech:

Hormonal systems:

Heart and vascular: **Primary**

Respiratory:

Digestive:

Surgical procedures: **Primary**

Brain and nervous system: **Primary**

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: Yes
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:
We (Cezar Iliescu, Kostas Marmagiolis, Mehmet Cilingiroglu) will be delighted to work with Dr. Kevin Oeffinger in this project.