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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: Health Beliefs and Behaviors: Cohort Studies in Childhood Cancer Survivors.

Planned research population (eligibility criteria): All women in CCSS exposed to chest radiation who developed breast cancer.

Proposed specific aims: As described in my NCI K07 application (which was funded in 2008), we aimed to explore the impact of breast cancer surveillance on morbidity of breast cancer diagnosis, correlating stage of diagnosis with surveillance method (screening, patient felt a lump, physician felt a lump, etc.) This aim fell under aim 1 of the grant. Aim 1: Characterize the barriers and facilitators to breast cancer surveillance among women at risk for breast cancer following chest radiation for a pediatric cancer. Using a mixed methods approach, we will conduct the following four exploratory studies: 1a. Conduct in-depth telephone interviews of women with breast cancer following mantle (chest) radiation for a Hodgkin lymphoma (sample size = 20-30 women) to describe the experience of having a second (or subsequent) malignant neoplasm and explore the relationship between having a childhood cancer and subsequent follow-up care and surveillance for late effects. 1b. Based upon the results of 1a, develop and administer telephone-based interviews of 184 women with breast cancer who are participating in the CCSS to explore the relationship between breast cancer surveillance practices and stage of breast cancer at diagnosis. 1c. Administer a mailed cross-sectional survey (sample size = 6,000) to determine oncology-trained and generalist physicians' awareness of the risk of breast cancer associated with chest radiation and their attitudes and beliefs regarding risk-based follow up care of childhood cancer survivors.

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?: K07

Does this project require contact of CCSS study subjects for . . .

Additional self-reported information: Yes

Biological Samples: No

Medical record data: Yes

If yes to any of the above, please briefly describe.:

What CCSS Working Group(s) would likely be involved? (Check all that apply)

Second Malignancy: Secondary

Chronic Disease:

Psychology / Neuropsychology:

Genetics:

Cancer Control: Primary

Epidemiology / Biostatistics:

To describe the anticipated scope of the study, please indicate the specific CCSS data to be included as outcome (primary or secondary) or correlative factors. (Check all that apply)

Late mortality:

Second Malignancy: Primary

Health Behaviors

Tobacco:

Alcohol:

Physical activity:

Medical screening: Correlative Factors

Other:

If other, please specify:

Psychosocial

Insurance:

Marriage:

Education:

Employment:

Other:

If other, please specify:

Medical conditions

Hearing/Vision/Speech:

Hormonal systems:

Heart and vascular:

Respiratory:
Digestive:
Surgical procedures:
Brain and nervous system:
Other:
If other, please specify:

Medications

Describe medications:

Pregnancy and offspring:
Family History:

Psychologic/Quality of Life

BSI-18:
SF-36:
CCSS-NCQ:
PTS:
PTG:
Other:
If other, please specify:

Chronic conditions (CTCAE v3):
Health status:

Demographic

Age:
Race:
Sex:
Others:
If others, please specify:

Cancer treatment

Chemotherapy:
Radiation therapy:
Surgery:

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?

Buccal cell DNA:

Peripheral blood:

Lymphoblastoid cell lines:

Second malignancy pathology samples:

Other requiring collection of samples:

If other, please explain:

Other general comments: This project was a K07 award that was funded in 2008. There was an ancillary questionnaire that was developed that the CCSS coordinating center is currently obtaining from all women who developed BC in the cohort (or their proxy in the event they are deceased). In the process, we are also obtaining medical records of these women around time of BC diagnosis, to confirm method of detection, BC treatment, etc.