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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

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Project Title: Psychosocial Concerns Among Siblings of Childhood Cancer Survivors
Planned research population (eligibility criteria): The proposed analyses will utilize data which was collected in 2007 via a 28-page self-report follow-up questionnaire. We will utilize data collected from healthy adult (greater than or equal to 18 years of age at time of responding to follow-up questionnaire) siblings of childhood cancer survivors (n = 2,152) and their matched survivors.
Proposed specific aims: Aim 1: To describe the psychosocial concerns of siblings of childhood cancer survivors with a focus on siblingsâ€™ future health concerns, fertility concerns, cancer risk, and insurability. Aim 2: To identify the siblingsâ€™ demographic factors, and health-related factors associated with psychosocial concerns (future health, fertility, cancer risk, insurability concerns) amongst siblings of survivors. Aim 3: To identify the siblingsâ€™ matched survivor diagnosis, treatment-related, and health-related factors associated with psychosocial concerns (future health, fertility, cancer risk, insurability concerns) amongst siblings of survivors.
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?:

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.:

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

Second Malignancy:
Chronic Disease:
Psychology / Neuropsychology: Primary
Genetics:
Cancer Control:
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: Correlative Factors
Second Malignancy: Correlative Factors

Health Behaviors

Tobacco:
Alcohol:
Physical activity:
Medical screening:
Other:
If other, please specify:

Psychosocial

Insurance:
Marriage: Correlative Factors
Education: Correlative Factors
Employment: Correlative Factors
Other: Correlative Factors
If other, please specify: These will be sibling marital status, educational attainment, and employment status.

Medical conditions

Hearing/Vision/Speech:
Hormonal systems:
Heart and vascular:
Respiratory:
Digestive:
Surgical procedures:
Brain and nervous system:

Other: Correlative Factors
If other, please specify: We will look at survivor health status and the presnece of chronic health conditions.

Medications

Describe medications:

Pregnancy and offspring:
Family History:

Psychologic/Quality of Life

BSI-18: Correlative Factors
SF-36: Correlative Factors
CCSS-NCQ:
PTS:
PTG:
Other:
If other, please specify: We will look at the impact of survivor adverse HRQOL and psychological distress.

Chronic conditions (CTCAE v3):
Health status:

Demographic

Age: Correlative Factors
Race: Correlative Factors
Sex: Correlative Factors
Others: Correlative Factors
If others, please specify: These will be sibling age, race, and sex. We would also like to look at sibling age and sex in relationship to the survivor age and sex.

Cancer treatment

Chemotherapy: Correlative Factors
Radiation therapy: Correlative Factors
Surgery: Correlative Factors

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: The outcomes of interest will be sibling concerns regarding future health, fertility, cancer risk, and insurability.