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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: Chronic Medical Conditions Among Long-term Survivors of Pediatric Non-Hodgkin Lymphoma: A Report from the Childhood Cancer Survivor Study
Planned research population (eligibility criteria): Five-year survivors of pediatric non-Hodgkin lympoma (NHL)
Proposed specific aims: 1. To comprehensively report the incidence of chronic medical conditions by organ system among NHL survivors, specifically including: cardiovascular, pulmonary, central and peripheral neurologic, endocrine and reproductive, digestive, renal, sensory (hearing and vision), and infectious; and to report sociodemographic outcomes (education, employment, marital status), perceived health status, protective and risky health behaviors, and access to health care including usual source of medical care, health insurance status, and use of screening tests. 2. To compare the hazard ratio (to be reported as relative risk) of common medical and sociodemographic outcomes among NHL survivors relative to siblings of childhood cancer survivors (survivor-sibling comparison) and as a function of treatment regimen (internal comparisons amont NHL survivors). 3. To identify associations among chronic medical conditions, sociodemographic outcomes, access to health care, and perceived health status.
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: Primary
Psychology / Neuropsychology:
Genetics:
Cancer Control:
Epidemiology / Biostatistics: Secondary

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:

Health Behaviors

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

Psychosocial

Insurance: Secondary
Marriage: Secondary
Education: Secondary
Employment: Secondary
Other:
If other, please specify:

Medical conditions

Hearing/Vision/Speech: Primary
Hormonal systems: Primary
Heart and vascular: Primary
Respiratory: Primary
Digestive: Primary

Surgical procedures: Secondary
Brain and nervous system: Primary
Other: Primary
If other, please specify: urinary and renal; infectious

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): Primary
Health status: Primary

Demographic

Age: Primary
Race: Correlative Factors
Sex: Correlative Factors
Others:
If others, please specify: Site of lymphoma at diagnosis (lymph nodes/hematopoietic; gastrointestinal; head and neck; bone; heart/mediastinum; unknown primary site; all others); year of lymphoma diagnosis

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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: An analysis of mortality and secondary malignancies has been reported previously. If the Analysis an Publications Committee recommends including these outcomes, then they will be updated and included in the present study. Those NHL survivors who relapse will be considered separately with regard to chronic medical