

Received 11/9/09
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Project Title: Diseases of the thyroid gland associated with radiation therapy: a report from the Childhood Cancer Survivor Study
Planned research population (eligibility criteria): Entire cohort with known radiation doses; intact thyroid gland at baseline
Proposed specific aims: 1) To quantitatively evaluate the radiation-related risk of hypothyroidism, hyperthyroidism & thyroid nodules within the entire CCSS cohort. 2) To determine the modifying effect of thyroid disease on the subsequent risk of thyroid cancer
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 values: Secondary
Chronic Disease values: Primary
Reproductive values:
Neurologic values:
Psychology / Neuropsychology values:
Genetics values:
Cancer Control values:
Epidemiology / Biostatistics values:

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 values:
Second Malignancy values: Secondary

Health Behaviors

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

Psychosocial

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

Medical conditions

Hearing/Vision/Speech values:
Hormonal systems values: Primary
Heart and vascular values:
Respiratory values:
Digestive values:
Surgical procedures values:
Brain and nervous system values:
Other values:
If other, please specify:

Medications

Describe medications: thyroid hormones

Pregnancy and offspring values:
Family History values:

Psychologic/Quality of Life

BSI-18 values:

SF-36 values:

CCSS-NCQ values:

PTS values:

PTG values:

Other values:

If other, please specify:

Chronic conditions (CTCAE v3) values:

Health status values:

Demographic

Age values: Correlative Factors

Race values:

Sex values: Correlative Factors

Others values:

If others, please specify:

Cancer treatment

Chemotherapy values: Correlative Factors

Radiation therapy values: Correlative Factors

Surgery values: Correlative Factors

Anticipated sources of statistical support

CCSS Statistical Center:

Local institutional statistician: Array

If local, please provide the name(s) and contact information of the statistician(s) to be involved.: We already have the data so the statistical center will not need to create another database
Analysts: Lene Veiga, Peter Inskip, Parveen Bhatti; Alice Sigurdson and Alina Brenner

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: