

Project Title: Impact of Health Behaviors and Health Perceptions on Subsequent Mortality in Childhood Cancer Survivors

Planned research population (eligibility criteria): 1) survivors who were 18 years of age or older and alive at baseline, and who self-reported (not parental/guardian report) health behaviors, medical conditions and health perceptions.

Proposed specific aims: Among participants in the baseline survey who meet the eligibility criteria, assess the overall and the cause-specific mortality as a function of health promotion behaviors (testicular self-exam, breast self-exam, BMI, physical activity); health risk behaviors (smoking, alcohol use); health screening behaviors (general physical exam recency, dental care recency, Pap Smear recency, professional breast exam recency, mammogram recency) and health perceptions (health status, future health risks, risk of developing cancer, risk of cancer recurrence).

Will the project require non-CCSS funding to complete? No

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

Primary - No Secondary - No

Chronic Disease

Primary - No Secondary - No

Reproductive

Primary - No Secondary - No

Neurologic

Primary - No Secondary - No

Psychology / Neuropsychology

Primary - No Secondary - No

Genetics

Primary - No Secondary - No

Cancer Control

Primary - Yes Secondary - No

Epidemiology / Biostatistics

Primary - No Secondary - Yes

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

Primary - Yes Secondary - No Correlative Factors - No

Second Malignancy

Primary - No

Secondary - No

Correlative Factors - No

Health Behaviors

Tobacco

Primary - Yes

Secondary - No

Correlative Factors - No

Alcohol

Primary - Yes

Secondary - No

Correlative Factors - No

Physical activity

Primary - Yes

Secondary - No

Correlative Factors - No

Medical screening

Primary - Yes

Secondary - No

Correlative Factors - No

Other

Primary - No

Secondary - No

Correlative Factors - Yes

If other, please specify

Number of MD visits/phone calls, number of cancer-related visits.

Psychosocial

Insurance

Primary - No

Secondary - No

Correlative Factors - Yes

Marriage

Primary - No

Secondary - No

Correlative Factors - Yes

Education

Primary - No

Secondary - No

Correlative Factors - Yes

Employment

Primary - No

Secondary - No

Correlative Factors - Yes

Other

Primary - No

Secondary - No

Correlative Factors - No

If other, please specify

Medical conditions

Hearing/Vision/Speech

Primary - No

Secondary - No

Correlative Factors - No

Hormonal systems

Primary - No

Secondary - No

Correlative Factors - No

Heart and vascular

Primary - No

Secondary - No

Correlative Factors - No

Respiratory

Primary - No Secondary - No Correlative Factors - No

Digestive

Primary - No Secondary - No Correlative Factors - No

Surgical procedures

Primary - No Secondary - No Correlative Factors - Yes

Brain and nervous system

Primary - No Secondary - No Correlative Factors - No

Other

Primary - No Secondary - No Correlative Factors - Yes

If other, please specify BMI

Medications

Describe medications

Pregnancy and offspring

Primary - No Secondary - No Correlative Factors - No

Family History

Primary - No Secondary - No Correlative Factors - No

Psychologic/Quality of Life

BSI-18

Primary - No Secondary - No Correlative Factors - No

SF-36

Primary - No Secondary - No Correlative Factors - No

CCSS-NCQ

Primary - No Secondary - No Correlative Factors - No

PTS

Primary - No Secondary - No Correlative Factors - No

PTG

Primary - No Secondary - No Correlative Factors - No

Other

Primary - Yes Secondary - No Correlative Factors - No

If other, please specify: Health Beliefs/Concerns [R1-R6]

Chronic conditions (CTCAE v3)

Primary - No Secondary - No Correlative Factors - Yes

Health status

Primary - Yes

Secondary - No

Correlative Factors - No

Demographic

Age

Primary - No

Secondary - No

Correlative Factors - Yes

Race

Primary - No

Secondary - No

Correlative Factors - Yes

Sex

Primary - No

Secondary - No

Correlative Factors - Yes

Others

Primary - No

Secondary - No

Correlative Factors - No

If others, please specify

Cancer treatment

Chemotherapy

Correlative Factors - Yes

Radiation therapy

Correlative Factors - Yes

SurgeryCorrelative Factors - Yes

Anticipated sources of statistical support

CCSS Statistical Center Yes (Wendy Leisenring, PhD John Whitton, MSc; Yutaka Yasui, PhD, Qi Liu, MSc)**Local institutional statistician** Yes**If local, please provide the name(s) and contact information of the statistician(s) to be involved.**Vikki Nolan, PhD and Kiri Ness, PhD (Department of Epidemiology, Cancer Prevention and Control),
Kumar Srivastava, PhD (Department of Biostatistics)**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 study will not be initiated until the mortality data have been updated with cause of death for documented deaths occurring since December 31, 2002. The study will evaluate

those survivors who have died since baseline through December 31, 2007. The request to NDI is slated for May, 2009.