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Project Title Understanding Health Care Utilization Patterns and Changes Occurring over a Decade: A Report from the Childhood Cancer Survivor Study

Planned research population (eligibility criteria) Inclusion criteria: 1. 18 years and older at baseline 2. All cancer diagnostic categories 3. United States and Canadian residents 4. All ethnicities

Proposed specific aims Specific Aim #1: To compare changes in the patterns of health care utilization between the baseline questionnaire and the follow-up 2 (FU2) questionnaire. Specific Aim #2: To determine the predictors of changes in health care utilization between the baseline questionnaire and the FU2 questionnaire.

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 Yes

If yes to any of the above, please briefly describe. Disease/treatment variables: • Cancer diagnosis • Age at diagnosis • Chemotherapy vs. surgery vs. radiation vs. BMT vs. combination • cumulative dose) • If “yes” to ◊Anthracycline chemotherapy (yes/no; if yes did they receive mantle or chest radiation ◊radiation

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 - No

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 - No

Secondary - No

Correlative Factors - No

Second Malignancy

Primary - No

Secondary - No

Correlative Factors - No

Health Behaviors

Tobacco

Primary - No

Secondary - No

Correlative Factors - No

Alcohol

Primary - No

Secondary - No

Correlative Factors - No

Physical activity

Primary - No

Secondary - No

Correlative Factors - No

Medical screening

Primary - No

Secondary - No

Correlative Factors - No

Other

Primary - No

Secondary - No

Correlative Factors - No

If other, please specify

Psychosocial

Insurance

Primary - No

Secondary - No

Correlative Factors - No

Marriage

Primary - No

Secondary - No

Correlative Factors - No

Education

Primary - No

Secondary - No

Correlative Factors - No

Employment

Primary - No

Secondary - No

Correlative Factors - No

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 - No

Brain and nervous system

Primary - No Secondary - No Correlative Factors - No

Other

Primary - No Secondary - No Correlative Factors - No

If other, please specify

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 - Yes

SF-36

Primary - No Secondary - No Correlative Factors - Yes

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 - No Secondary - No Correlative Factors - No

If other, please specify

Chronic conditions (CTCAE v3)

Primary - No Secondary - No Correlative Factors - Yes

Health status

Primary - No Secondary - No Correlative Factors - Yes

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 Primary Outcomes: Healthcare utilization including (as previously defined by Nathan P et al JCO 2008): No medical care, general medical care, General survivor-focused care, risk-based survivor-focused care

Cancer treatment

Chemotherapy

Correlative Factors - Yes

Radiation therapy

Correlative Factors - Yes

Surgery

Correlative Factors - Yes

Anticipated sources of statistical support

CCSS Statistical Center Yes

Local institutional statistician Yes

If local, please provide the name(s) and contact information of the statistician(s) to be involved. Anticipated source of statistical support (CCSS statistical center - Yasui and St. Jude – Kirsten Ness) per discussion with senior author Paul Nathan.

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 Current suggested working group of authors: Jackie Casillas, Kirsten Ness, Yutaka Yasui, Melissa Hudson, Kevin Oeffinger, Mark Greenberg and Paul Nathan.