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Project Title A comparison of functional outcomes between sarcoma survivors with surgery or radiation as their local control

Planned research population (eligibility criteria) Sarcoma survivors (bone and STS) With mraf data Completed baseline and fu2 surveys

Proposed specific aims To compare functional outcomes as measured by the role physical, physical function, bodily pain, general health and vitality scales of the SF-36 between individuals treated for childhood sarcoma who received different combinations of surgery, radiation, and chemotherapy to treat their original 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 Yes

If yes to any of the above, please briefly describe. Surgery - including procedural code and text Radiation - location and detailed dose Chemotherapy - specific agents and dose when available

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

Second Malignancy

Primary - No Secondary - No

Chronic Disease

Primary - No Secondary - Yes

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 - Yes

Alcohol

Primary - No

Secondary - No

Correlative Factors - Yes

Physical activity

Primary - No

Secondary - No

Correlative Factors - Yes

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 - 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 - Yes

Hormonal systems

Primary - No

Secondary - No

Correlative Factors - Yes

Heart and vascular

Primary - No

Secondary - No

Correlative Factors - Yes

Respiratory

Primary - No

Secondary - No

Correlative Factors - Yes

Digestive

Primary - No

Secondary - No

Correlative Factors - Yes

Surgical procedures

Primary - No

Secondary - No

Correlative Factors - Yes

Brain and nervous system

Primary - No

Secondary - No

Correlative Factors - Yes

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 - Yes

Secondary - No

Correlative Factors - No

CCSS-NCQ

Primary - No

Secondary - No

Correlative Factors - Yes

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 - 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 - Yes

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**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 Kiri Ness will assist with this concept as senior author if permitted