

Received : 6.19.08

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Project Title Cardiac Mortality

Planned research population (eligibility criteria) All patients eligible for CCSS 1970-1986

Proposed specific aims 1)To update cumulative incidence, SMR ant annual rate of cardiac death for the entire cohort after completion of the next NDI search. 2)To look for associations between traditional cardiac risk factors, RT dose to heart, and anthracycline dose with cardiac mortality

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

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 - No Secondary - No

Epidemiology / Biostatistics

Primary - Yes 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 - Yes 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 - No

Physical activity

Primary - No Secondary - No Correlative Factors - Yes

Medical screening

Primary - No Secondary - No Correlative Factors - Yes

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 - Yes
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 use of any cardiac medications, diabetic medications

Pregnancy and offspring

Primary - No	Secondary - No	Correlative Factors - No
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Family History

Primary - No	Secondary - No	Correlative Factors - No
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Psychologic/Quality of Life

BSI-18

Primary - No	Secondary - No	Correlative Factors - No
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SF-36

Primary - No	Secondary - No	Correlative Factors - No
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CCSS-NCQ

Primary - No	Secondary - No	Correlative Factors - No
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PTS

Primary - No	Secondary - No	Correlative Factors - No
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PTG

Primary - No	Secondary - No	Correlative Factors - No
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Other

Primary - No	Secondary - No	Correlative Factors - No
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If other, please specify

Chronic conditions (CTCAE v3)

Primary - No

Secondary - No

Correlative Factors - No

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 - No

If others, please specify BMI

Cancer treatment**Chemotherapy**

Correlative Factors - Yes

Radiation therapy

Correlative Factors - Yes

Surgery

Correlative Factors - No

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 1)I would expect to carry out this project after completion of an NDI search on the original cohort so this will be an update of some previous findings (cum. mortality, SMR) and a more detailed exploartion of associations with mortality, specifically the contribution of traditional cardiac risk factor in this aging cohort 2)I expect that of the 175 cardiac deaths that we will develop a process to validate the 61 "other cardiac deaths"