Received: 2.26.10
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Requirements to submit AOI:

- A comprehensive review of previously published data has been completed.: Yes
- The specific aims are clear and focused.: Yes
- The investigator has appropriate experience and expertise to develop the concept proposal; if not, has identified a mentor or senior co-investigator.: Yes
- The investigator agrees to develop an initial draft of the concept proposal within 6 weeks of approval of the AOI and finalizing the concept proposal within 6 months.: Yes

Project Title: Health and Functional Status of Long Term Adult Medulloblastoma Survivors: A Report from the Childhood Cancer Survivor Study
Planned research population (eligibility criteria): Medullo/PNET survivors
Proposed specific aims:
- To summarize the late occurring chronic medical conditions and concerns of childhood medulloblastoma/PNET survivors and compare their experience with a sibling cohort. Specifically, we will focus on the following outcomes: neurological conditions, memory impairment, hearing/vision/speech, cardiac disease, respiratory conditions, perceived health status and health related anxiety, fertility and concerns about future health and fertility. Educational history, employment status, marital status and current living situation will also be reported to provide a description of the survivors’ performance.
- To assess the variables on the primary outcomes:
  - Medulloblastoma/PNET: Treatment type: Surgery alone, Surgery + Radiation, Surgery + Radiation + Chemotherapy
  - Cranial: Cranial radiation, Cranial + spinal, or spinal radiation alone
  - Radiation dosing will likely be a categorical variable, given the distribution (0, 0-50, > 50 Gy)
  - Consider location of maximum radiation dosing by segments: none, frontal cortex, temporal cortex, parietal/occipital cortex, posterior fossa, spine (only if distribution allows)

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

- Second Malignancy: Secondary
- Chronic Disease: Primary
- Reproductive: Secondary
- Neurologic:
- Psychology / Neuropsychology: Secondary
- Genetics:
- Cancer Control:
- Epidemiology / Biostatistics: Secondary

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:
- Second Malignancy:

Health Behaviors

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

Psychosocial

- Insurance: Secondary
- Marriage: Secondary
- Education: Secondary
- Employment: Secondary
- Other:
  - If other, please specify:

Medical conditions

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

Medications
Describe medications:

Pregnancy and offspring: Secondary
Family History:

Psychologic/Quality of Life
BSI-18:
SF-36:
CCSS-NCQ:
PTS:
PTG:
Other: Secondary
If other, please specify:

Chronic conditions (CTCAE v3):
Health status: Secondary

Demographic
Age: Secondary
Race: Correlative Factors
Sex: Correlative Factors
Others:
If others, please specify:

Cancer treatment
Chemotherapy: Correlative Factors
Radiation therapy: Correlative Factors
Surgery: Correlative Factors
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: