Section: Contact Information
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Section: Project Requirements and Description

Group: 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 to finalize the concept proposal within 6 months. Yes

Project Title: Prevalence and Pattern of Prescription Psychoactive Medication Use in Adolescent Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study

Planned research population (eligibility criteria):
(1) All cancer survivors and siblings <18 years of age whose parents completed the Baseline survey, and (2) survivors and siblings from the Original Cohort who completed the 2003 or 2007 Follow-up survey.

Proposed specific aims:
We propose to examine prevalence and patterns of psychoactive medication use in adolescent survivors of childhood cancer. Previous CCSS publications by Brinkman et al, examined this outcome only in survivors >=18 years old and, thus, information on use of such medications by children is undocumented. We are particularly interested in whether use has increased or decreased over the decades from 1970-79, 1980-89, and 1990-99.

Specific Aim 1: To estimate the prevalence of psychoactive medication use in a large and geographically diverse cohort of adolescent survivors of childhood cancer

Specific Aim 2: To identify demographic, diagnosis, treatment and psychological
factors associated with psychoactive medication use in adolescent survivors of childhood cancer

Specific Aim 3: To examine associations between psychoactive medication use and academic functions, as reflected through special education services

Specific Aim 4: In the original cohort, to examine the impact of psychoactive medication use during adolescence and psychologic and quality of life outcomes during adulthood

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? :

**Group: 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. :

**Group: What CCSS Working Group(s) would likely be involved? (Check all that apply)**
Second Malignancy :
Chronic Disease :
Psychology / Neuropsychology : Primary
Genetics :
Cancer Control :
Epidemiology / Biostatistics :

**Section: Outcomes or Correlative Factors**
Late mortality :
Second Malignancy :

**Group: Health Behaviors**
Tobacco :
Alcohol :
Physical activity :
Medical screening :
Other :
If other, please specify :

**Group: Psychosocial**
Insurance : Correlative Factors
Marriage :
Education : Correlative Factors
Employment :
Other: Correlative Factors
If other, please specify: Household income

**Group: Medical Conditions**
Hearing/Vision/Speech:
Hormonal systems:
Heart and vascular:
Respiratory:
Digestive:
Surgical procedures:
Brain and nervous system: Correlative Factors
Other:
If other, please specify:

**Group: Medications**
Describe medications:
Outcomes: Psychoactive medications - (1) antidepressants, (2) anxiolytics/sedatives/hypnotics, (3) anticonvulsants, (4) non-opioid analgesics, (5) opioids, (6) muscle relaxants, (7) neuroleptics, and (8) stimulants.

**Group: Psychologic/Quality of Life**
BSI-18: Correlative Factors
SF-36: Correlative Factors
CCSS-NCQ: Correlative Factors
PTS: Correlative Factors
PTG: Correlative Factors
Other: Correlative Factors
If other, please specify: Brief Problem Inventory

**Group: Other**
Pregnancy and offspring:
Family history:
Chronic conditions (CTCAE v3):
Health status: Correlative Factors

**Group: Demographic**
Age: Correlative Factors
Race: Correlative Factors
Sex: Correlative Factors
Other:
If other, please specify:

**Group: Cancer treatment**
Chemotherapy: Correlative Factors
Radiation therapy: Correlative Factors
**Correlative Factors**

**Section: Anticipated Sources of Statistical Support**

CCSS Statistical Center:
Local institutional statistician: **Yes**
If local, please provide the name(s) and contact information of the statistician(s) to be involved.:
**Dr Kumar Srivastava’s statistical team at St. Jude Children’s Research Hospital**

Will this project utilize CCSS biologic samples? **No**
If yes, which of the following? :
If other, please explain :

**Section: Other General Comments**

Other General Comments :