

## Request For Use of Aggregate Data Form

<b>Date of Submission (mm/dd/yy):</b>	01/19/20
<b>Name of Organization:</b>	<b>Geisinger Cancer Institute</b>
<b>Project Title:</b>	Analysis of Brain metastasis patients treated with Stereotactic Radiation – Patient, tumor and treatment characteristics affecting outcomes.
<b>Principal Investigator:</b>	Anand Mahadevan MD
<b>Co-Investigators:</b>	Scott Soltys MD, Andy Gaya MD, Pollyanna Leite MD
<b>Corresponding Contact Name:</b>	Anand Mahadevan MD
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### Project Description

<b>Project Start Date (mm/dd/yy):</b>	2/1/2020 (on receipt of Data)
<b>Project End Date (mm/dd/yy):</b>	
<b>Type of Research Project:</b>	<input type="checkbox"/> Prospective Study <input checked="" type="checkbox"/> Retrospective Analysis <input type="checkbox"/> Technical Study <input type="checkbox"/> Other
<b>If "Other," please explain nature of project:</b>	
<b>What is the research question being asked?</b>	What are the patient, tumor and treatment characteristics affecting outcomes in patients with Brain metastasis treated with stereotactic Radiosurgery
<b>What is the background or rationale for the research question? (if needed, please attach as a separate page to application)</b>	The impact of patients' demographic attributes, primary tumor, performance status, number/size/nature of brain metastasis and the treatment dose fractionation and technique have all been shown to impact outcomes. However, these have not been studied in a large real world experience and the interplay between these factors needs to be validated
<b>Patient Inclusion/Exclusion Criteria:</b>	Inclusion: Patients treated with Stereotactic Radiation for Brain metastasis aged 18-90 Exclusion: Children <18 years of age, Primary brain tumors.

### Data Requested

<b>Description of patient population to be analyzed:</b>	Adult patients with metastatic brain tumors treated with Stereotactic Radiation in the RSSearch data repository.
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<b>Time frame to be studied:</b>	
<b>List exact data variables requested (i.e. pathology, treatment planning information, outcome, reimbursement, etc.):</b> If the request is not self-evident, write a summary of the request and/or instructions on data output (e.g., table specifications, sample tables).	Demographic Variables: Age, sex, Ethnicity (if available) Patient Characteristics: KPS Tumor characteristics: Primary tumor, Primary tumor status, Metastasis size/number/location/volume, Radiosurgery Dose fractionation, Prior WBRT, Surgery, Chemotherapy, Targeted therapy, Immunotherapy, Salvage therapy, Local Control, Distant Brain control, Radiation Necrosis, Leptomeningeal failure.
<b>Deadline for receipt of data (mm/dd/yy):</b>	2/15/2020

#### Data Use

<b>Are these data for internal research purposes only? (yes/no)</b>	Yes
<b>If requesting party will seek to share data with persons not already listed on this request, list the organizations with which data would be shared and in what capacity? (e.g., FDA for a clinical trial, NIH for a grant proposal, consultant for project development)</b>	Investigators' teams.
<b>Peer-reviewed publications to which submission is anticipated (if any)</b>	Radiation Oncology, International J of Radiation Oncology Biology Physics, Journal of Clinical oncology
<b>National meetings at which abstract presentation is anticipated (if any)</b>	ASTRO, RSS, AAPM

#### Additional Submission Requirements


Please attach each of the following:

- Copy of IRB approval letter for use of RSSearch® at your institution
- Curriculum vitae of the principal investigator

#### Requestor Certification

In making this request, I certify that:

- All information provided on this form and attachments is accurate and complete;
- I have all requisite institutional authority to submit this Request for Use of Collaborative Data

Signature	
Print Name	Anand Mahadevan
Title	MD
Date	01/20/2020

Please submit Request for Use of Collaborative Data to [jdavis@therss.org](mailto:jdavis@therss.org)

#### For Internal Use Only:

Date application received:	01/20/20
	2020-0120