HYPOGRYPHE: Study comparing single vs multiple doses of radiation for patients with breast, kidney, non-small cell lung cancer or melanoma that has spread to the brain and who are also receiving immunotherapy treatment

Why should I be in this study?

- To potentially lower your side effects from radiation
- To help improve care for patients with brain metastasis
- You will receive up to $30 in gift cards as a gesture of thanks for your contribution to this research

This study will help find out if stereotactic radiosurgery, radiation therapy delivered to the small areas of brain cancer more precisely, has less side effects if given over several days, instead of all on one day.

What does this study involve?

Half of the patients in the study will get radiation treatment delivered over several days, called Fractionated Stereotactic Radiosurgery. The other half will get the usual radiation treatment delivered all in one day, called Single Fraction Stereotactic Radiosurgery. Before and after your treatment, you will still be getting your usual care.

You will be in the study for about 12 months. At your regular office visits, you will be asked to:

- Do three memory tests which will take about 30 minutes
- Spend 10-40 minutes answering questions about your health and your cancer symptoms or side effects; before treatment begins and every couple of months after treatment
Study Summary (WF-2201)

Who will take part in this study?

- Age 18 and over
- English or Spanish speaking
- Diagnosed with one of the types of cancer below that has spread to the brain:
  - Breast
  - Kidney
  - Non-small cell lung
  - Melanoma
- Having immunotherapy treatment in addition to radiosurgery
- You can stop taking part in the study at any time

About 244 patients will participate in the study; 122 in each group

What is the cost of taking part in this study?

All costs related directly to the study will be paid for by the study. The costs of your regular medical care are unrelated and fall under your existing coverage.

How can I learn more or sign up for this study?

About the WF-2201 HYPOGRYPHE study:

- Visit [WF-2201 on cancer.gov](#) or scan QR Code to the right with your smartphone camera. For information about medical facilities where the study is available, scroll down the page to Locations and Contacts
- Call the NCI Cancer Information Service at 1-800-4-CANCER (1-800-422-6237)

About clinical trials:

- General cancer information: Visit the NCI website at [www.cancer.gov](http://www.cancer.gov)