

A PATIENT GUIDE TO

# Cerianna™ and Your PET/CT Exam

## YOUR APPOINTMENT

Time

Date

### Note:

Please arrive at least 15 minutes prior to your appointment time to complete prescreening paperwork.



## Your physician has referred you for a Cerianna PET/CT Scan

A Cerianna PET/CT scan will help your doctor determine estrogen receptor status of recurrent or metastatic breast cancer as an adjunct to biopsy.

### COVID-19 SAFETY INFORMATION:

We are committed to the safety and well-being of our patients and staff. To learn more, visit [www.allianceradiology-hub.com/covid19patientinfo](http://www.allianceradiology-hub.com/covid19patientinfo)

Here are some **commonly asked questions** you may have:

### ■ What is a Cerianna PET/CT Scan?

This particular scan combines the functional information from a Positron Emission Tomography (PET) exam with the anatomical information from a Computed Tomography (CT) exam into one single exam.

Cerianna™ is the brand name of the radioactive diagnostic agent injected in conjunction with this exam.

### ■ Why has my doctor recommended this exam?

This exam will help doctors determine the next best steps for your treatment plan.

### ■ What should I expect during the exam?

After you are checked in, a technologist will first explain the procedure to you. When it is your turn, they will ask you to sit in a chair, while inserting an intravenous (IV) line in your arm. You will receive an injection of radioactive tracer. The level of radioactivity is very low and you should feel no effects. You rest comfortably 45-60 minutes while the tracer moves through your body. During this time, continue to drink fluids and empty your bladder frequently.

Then the technologist brings you to the scanner. At the time of imaging, you will first empty your bladder and then the technologist will help you onto the PET/CT scanner table. You will lie on your back with both arms over your head. If this position is uncomfortable for you to hold for 20 to 30 minutes, please inform the staff before the scan starts. If during your exam you have any special needs or considerations, please let us know.

### ■ How long will my appointment take?

The exact time will vary depending on your individual needs. It would be best to plan on spending approximately two hours total with us.

### ■ What happens next?

After your scan, you may resume your normal activity level. The injected radioactive tracer quickly leaves your body. To expedite this process, drink plenty of water and urinate as frequently as possible during the first hours following your exam. This will help clear your body and reduce radiation exposure.

You will not receive the results immediately after your scan. Your doctor will follow up with you after the images have been assessed by a radiologist.



If you have any questions, please contact our **scheduling department** and please make every effort to keep your appointment. If you must reschedule, notify our office at least 24 hours in advance.



1400 Forest Glen Rd. Ste 430.  
Silver Spring, MD 20910

**Scheduling:**  
**301.681.9100**

Services provided by



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## ■ How does Cerianna work?

Cerianna is an FDA-approved diagnostic agent that binds to estrogen receptors in your body. It contains a radioactive element (Fluorine 18) that can be detected by the PET/CT camera. Cerianna is approved for use in recurrent or metastatic breast cancer to scan for presence of estrogen receptors in tumors throughout the body.

Cerianna may be used in addition to a biopsy of your cancer and does not replace the need for a biopsy. Cerianna does not assess other receptors and biomarkers, such as HER2 and progesterone receptors, which may also play a role in selecting the most appropriate treatment for you. Your doctor may advise you on the best options tailored to your situation and preferences.

## ■ Why is Cerianna imaging prescribed?

Cerianna scans breast cancer tumor deposits throughout your body for presence of estrogen receptors. Presence or absence of estrogen receptors in your tumors may impact the type of treatment you receive and the probability of the treatment being effective.

Following your exam, you and your doctor will discuss next steps in your treatment. If you have questions or concerns following your exam, contact your doctor or health care provider.

### CONSULT YOUR DOCTOR PRIOR TO YOUR PET/CT SCAN IF:

- » You are or may be pregnant, or are breastfeeding
- » You are allergic to any drugs or foods
- » You are currently being treated for an infection
- » You are unsure if you should take your medications

## ■ How should I prepare for this exam?

You will want to follow all the strict guidelines that your doctor and scheduling provide you to prepare for this exam.

### HERE ARE A FEW IMPORTANT TIPS:

- » Remember to bring to your doctor's attention any medications that you currently use or have used during the past 6 months, including:
  - Medications that bind to the estrogen receptor (sometimes called antiestrogens, SERM or SERD), as these can influence the results of the scan
  - Prescription and over-the-counter medications
  - Herbal medications and vitamins
- » It is important to stay hydrated. Drink plenty of water prior to your appointment.
- » Dress warmly and comfortably.

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