

Hartford Hospital



Tallwood Urology & Kidney Institute

MRI-US Fusion Prostate Biopsy

Your doctor recommended a prostate biopsy using MRI-Ultrasound fusion. Magnetic Resonance Imaging (MRI) is a method of scanning used to visualize detailed internal structure. MRI provides much greater contrast between the different soft tissues of the body. The MRI is done in the radiology department at Hartford Hospital and the image is sent to the Hartford Healthcare Medical Group urology office in Hartford where it is fused with the image created during your ultrasound biopsy. In addition to the standard 12 biopsies, you will have an additional 3 biopsies from each area of interest found on the MRI.

This will be a TWO step process:

STEP ONE MRI: Your prostate MRI is scheduled through Hartford Hospital Outpatient Radiology services. The MRI is scheduled approximately 4 weeks prior to your biopsy (it could be done earlier if ordered by your physician earlier). Your MRI exam will involve the use of a coil which is inserted into the rectum. The insertion of the coil it is not painful; however, it may cause some initial discomfort. The coil helps enhance the image. An IV will be inserted into your arm to deliver contrast and it will be removed after the procedure. You will be asked to lie on your back during the procedure which takes about an hour. **Please let your physician know if you have a pace maker, latex allergy or if you have claustrophobia.** A sedative can be prescribed if you have claustrophobia. If you need to take a sedative, please make arrangements for someone to drive you to and from the appointment.

The MRI takes place at 85 Jefferson Street located at Hartford Hospital. You will be instructed to register at the Hospital Admissions office in room 28.

STEP TWO TRUS BIOPSY: This appointment will be scheduled by Hartford Healthcare Medical Group and you will get a call for this appointment before you get a call to schedule the MRI appointment. You will be given a booklet with instructions to prepare you for the biopsy either in the office or in the mail.

PREPARATION BEGINS 1 WEEK BEFORE THE APPOINTMENT so it is important to read the preparation booklet AS SOON AS YOU RECEIVE IT. You will also be given a prescription for an antibiotic. A nurse will call you after your MRI and 1-3 weeks prior to your biopsy appointment to ensure you understand the instructions. If you do not receive a call, please call the office at 860-947-8500.

The TRUS Biopsy will take place in the Hartford Office of Hartford Healthcare Medical Group- 85 Seymour Street- Suite 416.

Your insurance will be billed for the biopsy at Hartford Healthcare Medical Group and a separate bill will be generated to your insurance for pathology, the MRI and the reading of the MRI.

If you have any questions or concerns, please feel free to call:

Hartford Hospital Radiology Office: 860-972-5300
Hartford Healthcare Medical Group-Urology: 860-947-8500