

For Patients with Prostate Cancer

EA8171 Available Through ECOG-ACRIN Cancer Research Group

Multiparametric MRI (mpMRI) for Preoperative Staging and Treatment Planning for Newly-Diagnosed Prostate Cancer

Patient Population

See Section 3.0 for Complete Eligibility Details

Inclusion Criteria:

- Men, age \geq 18 years, diagnosed within 120 days prior to registration with prostate cancer for whom definitive surgical treatment is indicated
 - ◊ NOTE: Patients previously diagnosed with prostate cancer for which surgery is not indicated may be enrolled if they undergo a repeat biopsy (within 120 days prior to registration and for reasons including, but not limited to, discordant biopsy results) that indicates definitive treatment with surgery
- Confirmation of payment, insurance pre-authorization, or Medicare for mpMRI

Exclusion Criteria:

- Not suitable to undergo MRI or receive gadolinium-based contrast agent (severe, untreatable claustrophobia; MRI-incompatible metallic objects or implanted medical devices; renal failure; weight greater than allowable by scanner per institutional standard practice)
- Prior surgical and/or non-surgical treatment for prostate cancer
- Prior hip replacement or other major pelvic surgery
- Unable to obtain confirmation of payment, insurance pre-authorization, or Medicare for mpMRI

Treatment Plan

See Section 5.0 for Complete Imaging Administration Details

- All men will be registered to a single arm, Arm A
- All men will undergo mpMRI imaging at one imaging time point
- All imaging must be performed on one of the following:
 - ◊ 1.5T with e-coil
 - ◊ 3T with or without e-coil
 - ◊ 1.5T without an e-coil exams are NOT eligible
- The following MRI sequences, in accordance with PIRADsv2.1, are to be completed:
 - ◊ T1– Weighted Imaging (T1WI)
 - ◊ T2WI– 3 planes axial, sagittal and coronal
 - ◊ DWI– must include a b value of \geq 1400
 - ◊ DCE
- All patients will be followed until radical prostatectomy pathology is reported and finalized

Study Chair:
Clare Tempany, MD

Co-Chair:
Rajan Gupta, MD

Patient Enrollment

All Sites: Oncology Patient Enrollment Network (OPEN) <https://open.ctsu.org>

Protocol Information

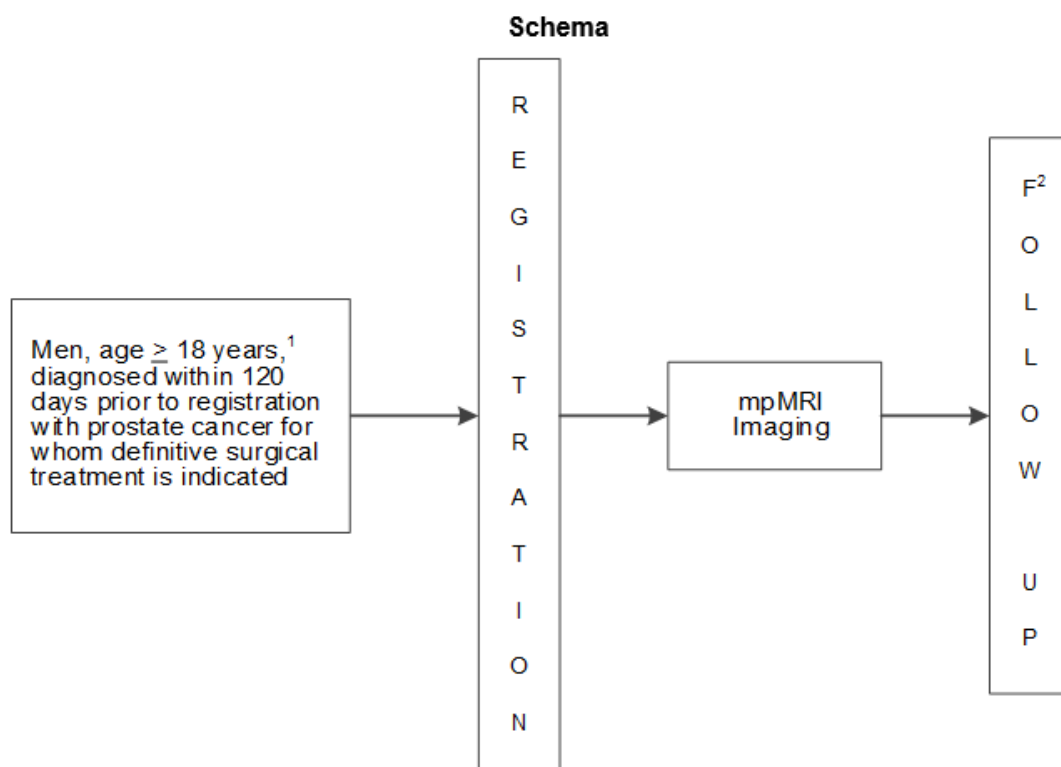
ECOG-ACRIN Operations-Boston: 857-504-2900, <http://ecog-acrin.org> (Member Login)

Please Enroll Your Eligible Patients!

EA8171

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Accrual Goal= 852

1. Institutions must confirm payment, insurance pre-authorization, or Medicare for mpMRI prior to patient registration.
2. Patients will be followed until radical prostatectomy pathology is reported and finalized.

Important to Note – Study Timelines:

- If a previous mpMRI is performed within 12 weeks prior to registration, a repeat mpMRI is not needed
- If a mpMRI is not performed prior to registration, imaging must be completed within 45 days after registration
- Surgery must take place within 12 weeks after the mpMRI
- In order to be eligible for the EA8171 study, the patient must be diagnosed with prostate cancer within 120 days prior to registration