

A0**ACRIN 6659
Registration/Eligibility**ACRIN Study 6659
PLACE LABEL HERE

Institution _____ Institution No. _____

Participant Initials _____ Case No. _____

Instructions: For potential study participants, Part 2 must be completed before Part 1.

If any of the answers, for **Part 2**, vary from the prompts provided at the start of each question, the patient is **ineligible** and should **not** be enrolled in **ACRIN 6659**. If all answers for **Part 2** correspond with the prompts, and the patient is **eligible**, then proceed with **Part 1**. **Part 1** questions are prompted at the time of on-line case registration.

Part 1: The following questions will be asked at the on-line Case Registration

- _____ 1. **Name of institutional person registering this case?** (*Initials only, please*)
- _____ (Y) 2. **Has the Eligibility Checklist been completed?**
- _____ (Y) 3. **Is the participant eligible for this study?**
- ____ - ____ - ____ 4. **Date the study-specific Consent Form was signed** (*Must be prior to study entry*)
- _____ 5. **Participant Initials** (*Last, First*)
- _____ 6. **Verifying Physician** (*Site PI*)
- _____ 7. **Participant's ID Number** (*Do Not utilize a medical record number or radiology assigned number*)
- ____ - ____ - ____ 8. **Date of Birth** (*mm-dd-yyyy*)
- _____ 9. **Ethnic Category**
 1 Hispanic or Latino
 2 Not Hispanic or Latino
 9 Unknown
- _____ 10. **Race**
 1 American Indian or Alaskan Native
 2 Asian
 3 Black or African American
 4 Native Hawaiian or other Pacific Islander
 5 White
 6 More than one race
 9 Unknown
- _____ (MF) 11. **Gender** (*default to male*)
- _____ 12. **Participant's Country of Residence**
 1 USA
 2 Canada
 3 Other
- _____ 13. **Zip Code** (*U.S. Residents*)
- _____ 14. **Participant's Insurance Status**
 0 Other
 1 Private Insurance
 2 Medicare
 3 Medicare and Private Insurance
 4 Medicaid
 5 Medicare and Medicaid
 6 Military or Veterans Administration
 7 Self Pay
 8 No Means of Payment
 9 Unknown/Decline to answer
- _____ (NY) 15. **Will any component of the Participant's care be given at a military or VA facility?**
- ____ - ____ - ____ 16. **Calendar base date** (*mm-dd-yyyy*)
- ____ - ____ - ____ 17. **Registration date** (*mm-dd-yyyy*)
- _____ 18. **Other country of residence, specify** _____

Institution _____ Institution No. _____

Participant Initials _____ Case No. _____

Part 2: The following questions are to determine patient eligibility:

- _____ (Y) 19. Biopsy proven adenocarcinoma of the prostate.
- ____ - ____ - ____ 20. Date of prostate biopsy (*mm-dd-yyyy*)
- _____ (Y) 21. Written documentation from the Urologist confirming the scheduled date of the radical prostatectomy at the study site is within 6 months MRI/MRSI.
- ____ - ____ - ____ 22. Projected date of surgery (scheduled radical prostatectomy)
- _____ (Y) 23. The interval between the diagnostic biopsy and the MRI/MRSI is \geq 6 weeks.
- ____ - ____ - ____ 24. Projected date of MRI/MRSI
- _____ (N) 25. Known contraindications for patient to undergo MRI/MRSI?
(*cardiac pacemakers, non-compatible intracranial vascular clips, metallic hip replacement or other metallic implants in the pelvic area, contraindications to endorectal coil insertion, allergic to latex, etc.*)
- _____ (N) 26. Prior cryosurgery, surgery for prostate cancer including TURP, prostatic radiotherapy, rectal surgery, androgen deprivation therapy or complementary alternative medicine?
- _____ (Y) 27. Patient has agreed to undergo Fleet's enema in preparation for MRSI exam.
- _____ (Y) 28. Pathologic specimens from radical prostatectomy are available for central pathology analysis
- _____ (Y/N) 29. Release for medical information consent signed by participant

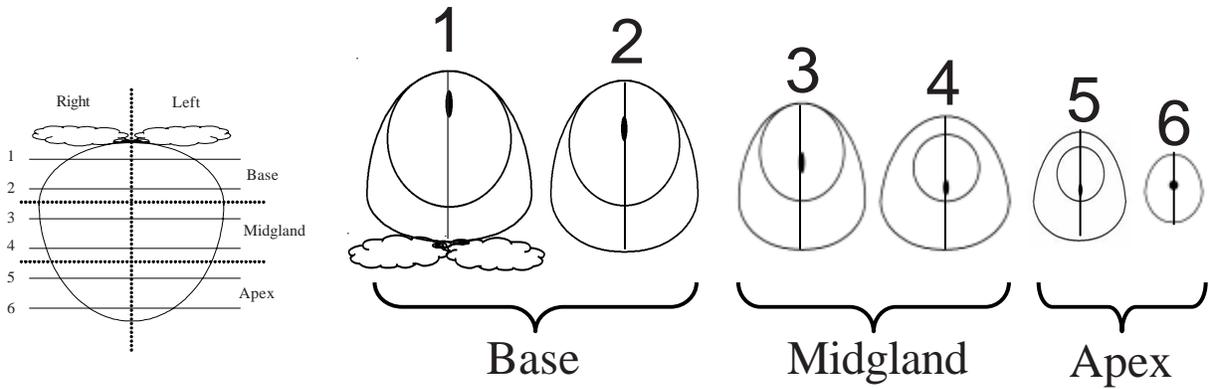
For any questions regarding eligibility, contact ACRIN Data Management at 1-800-227-5463.

Signature of person responsible for the data ¹

____ - ____ - ____
Date form completed (mm-dd-yyyy)

Signature of person entering data onto the web ²

APPENDIX V DIAGRAM OF THE PROSTATE



Protocol Manager:

Donna Hartfeil
215-717-2765
e-mail: dhartfeil@phila.acr.org

Data Management:

Jo-Ann D'Amato
215-574-3237
e-mail: jdamato@phila.acr.org

Robert Sole
215-574-3153
e-mail: rsole@phila.acr.org

Marianne Rahme
215-574-3248
e-mail: mrahme@phila.acr.org

6659 Imaging:

Anthony Levering
215-574-3244
e-mail: alevering@phila.acr.org

Fax Number Data Management:

215-717-0936

Mailing Address:

ACRIN 6659
American College of Radiology
1101 Market Street, 14th Floor
Philadelphia, PA, 19107

Data Management: Jo-Ann D'Amato



**ACRIN 6659
Initial Clinical Evaluation Form**

ACRIN Study **6659**
PLACE LABEL HERE

Institution _____ Institution No. _____
Participant Initials _____ Case No. _____

Instructions: Complete this form for all **6659** participants within **1 week** of registration. All dates are recorded mm/dd/yyyy. This form is to be completed by the RA and submitted via the ACRIN website.

For revised or corrected form: check box and fax to 215-717-0936.

General Information

1. Date of MRI/MRSI _____ - _____ - _____ (mm-dd-yyyy)

2. Most recent PSA value before biopsy

3. Date of PSA: _____ - _____ - _____ (mm-dd-yyyy)

4. Is the patient currently taking Complementary Alternative Medicine (CAM)?

- 1 No
2 Yes*
99 Unknown

*If yes, specify: _____

4a. Start date of CAM therapy _____ - _____ - _____ (mm-dd-yyyy)

4b. End date of CAM therapy (if continuing leave blank) _____ - _____ - _____ (mm-dd-yyyy)

4c. Dosage _____

5. Has the patient had a prior history of hormone therapy?

- 1 No
2 Yes*
99 Unknown

*If yes, specify: _____

5a. Prior hormonal therapy end date _____ - _____ - _____ (mm-dd-yyyy)

6. Has the patient had prior surgery for bladder cancer, prostate cancer, including TURP, prostatic radiotherapy, radiotherapy for rectal cancer, or Androgen deprivation therapy?

- 1 No
2 Yes*

*If yes, specify: _____

7. Is the patient allergic to latex?

- 1 No
2 Yes
99 Unknown

Institution _____ Institution No. _____
Participant Initials _____ Case No. _____

Histopathologic Information

8. Date of biopsy which confirmed malignancy: _____ - _____ - _____ (mm-dd-yyyy)

9. Indicate the method of malignancy confirmation:

- 1 Needle biopsy
- 2 TURP
- 3 Other
- 99 Unknown

If other, specify: _____

10. Indicate histologic type:

- 1 Adenocarcinoma
- 2 Other
- 99 Unknown

If other, specify: _____

11. Indicate histologic grade:

- 1 GX Grade cannot be assessed
- 2 G1 Well differentiated (slight anaplasia) (Gleason 2-4)
- 3 G2 Moderately differentiated (moderate anaplasia) (Gleason 5-6)
- 4 G3-4 Poorly differentiated/undifferentiated (marked anaplasia) (Gleason 7-10)

12. Gleason Score - Primary Pattern

Grade 1-5 99 = Unknown

13. Gleason Score - Secondary Pattern

Grade 1-5 99 = Unknown

14. Gleason Score, Combined (sum of the primary and secondary, unless unknown)

99 = Unknown

Institution _____ Institution No. _____

Participant Initials _____ Case No. _____

15. Location of Positive Biopsy (check all that apply)

- Right Base Left Base
- Right Midgland Left Midgland
- Right Apex Left Apex

16. T Indicate the Clinical T Staging:

Primary Tumor (T)

- 1 TX
- 2 T0
- 3 T1
- 4 T1a
- 5 T1b
- 6 T1c
- 7 T2
- 8 T2a
- 9 T2b
- 10 T3
- 11 T3a
- 12 T3b
- 13 T4

17. Projected date of the Radical Prostatectomy _____ - _____ - _____ (mm-dd-yyyy)

(within 6 months of MRI/MRSI)

COMMENTS: _____

Signature of person responsible for the data ¹

Date form completed _____ - _____ - _____ (mm-dd-yyyy)

Signature of person entering data onto the web ²



American College of Radiology Imaging Network

ACRIN Study 6659

**MR Imaging and MR Spectroscopic Imaging of
Prostate Cancer Prior to Radical Prostatectomy
Forms Package index**

| | Form | Version Date |
|----|---------------------------------|---------------------|
| AO | Registration Form | 02-26-03 |
| I1 | Initial Evaluation Form | 03-21-03 |
| M3 | MRI/MRSI Imaging Technical Form | 02-05-04 |
| PC | Pathology Slide Submission Form | 12-11-02 |
| P4 | Central Pathology Form | 08-19-04 |
| QA | Quality Assurance MRSI Form | 06-17-04 |
| PR | Protocol Variation Form | 07-24-03 |

M3**ACRIN 6659
MRI/MRSI Imaging Technical Form****ACRIN Study 6659
PLACE LABEL HERE**

Institution _____ Institution No. _____

Participant Initials _____ Case No. _____

Instructions: The study designated Radiologist is to complete this form for all study participants within 1 **week** of the **MR/MRSI** exam.
Note: **Part 1 MUST** be completed prior to **Part 2**. Record all dates in mm-dd-yyyy format. Submit completed form to **ACRIN HQ**, Data Management.**Part 1: MRI ONLY**1a. **Date of MRI:** - - (mm-dd-yyyy)2. **Was MRI completed?**

- 1 No*
-
- 2 Yes

2b. ***If no MRI, indicate the reason:**

- 1 Technical problems with MRI system
-
- 2 Claustrophobia
-
- 3 Other, specify: _____

2c. **Did MRI parameters follow the protocol?**

- 1 No
-
- 2 Yes

2d. **MR image quality:**

- 1 excellent
-
- 2 good
-
- 3 poor, reason: _____
-
- 9 non-diagnostic

3. Which sextants, contain post-biopsy hemorrhage (irregular areas of increased signal on T1 images):(Check **all** that apply)

- | | |
|---|--|
| <input type="checkbox"/> No sextants contain hemorrhage | <input type="checkbox"/> Right Apex (RA) |
| <input type="checkbox"/> Left Apex (LA) | <input type="checkbox"/> Right Midglad (RM) |
| <input type="checkbox"/> Left Midglad (LM) | <input type="checkbox"/> Right Base (RB) |
| <input type="checkbox"/> Left Base (LB) | <input type="checkbox"/> All sextants contain hemorrhage |
| | <input type="checkbox"/> Unable to determine |

4. Based on MRI, draw, number (to a maximum of 4) and label all suspected peripheral zone malignant foci on the schematic diagram of the prostate shown below. These pictures are to be used as reference only, and in conjunction with the diagram. Please note that use of the diagram allows for foci to cross sextants.

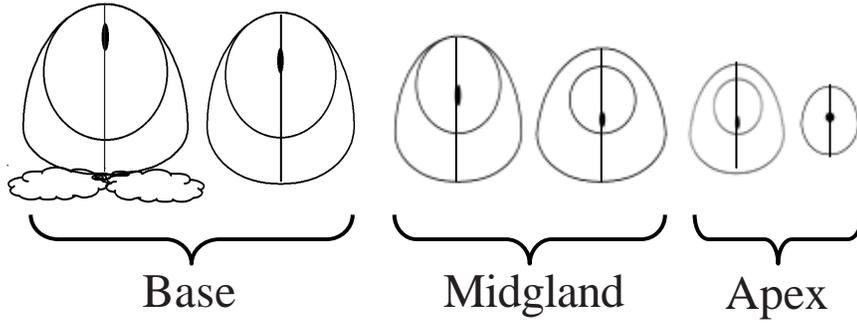
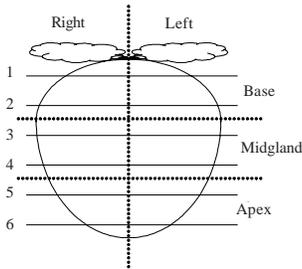


Table Positions:

Table Positions:

Table Positions:

Imaging site to enter slice locations for anatomical slices viewed in each area.

Comments: _____

5. Based on MRI Images alone, indicate below your "confidence in the presence of malignant foci", "the probability of malignant foci presence" and the size of malignant foci. A response is required for each sextant.

The probability of malignant foci presence is meant to be a subjective reader-specific measure, representing the reader's belief or confidence that foci are present.

If no foci are seen, please enter 1 for the "confidence rating" and 0 for the "probability of foci presence".

Note: It is important for each reader to be consistent across patients, i.e., rather than trying to determine a probability scale that produces similar results across readers (for the same patient), the main objective is to obtain a probability scale with strong validity at the reader level. Hence, readers should use their previous values as reference when determining the "probability of malignant foci presence" for each sextant.

| | Confidence In presence of Malignant Foci | | Probability of Malignant Foci Presence (100%=highest probability) | | Maximum Axial diameter of Malignant Foci (mm) |
|---------------------|--|--|---|---|---|
| Left Apex (LA) | <input type="text"/> | Confidence Scale 1 Definitely not present 2 Probably not present 3 Indeterminate 4 Probably present 5 Definitely present | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> % | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | |
| Left Midgland (LM) | <input type="text"/> | | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> % | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | |
| Left Base (LB) | <input type="text"/> | | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> % | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | |
| Right Apex (RA) | <input type="text"/> | | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> % | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | |
| Right Midgland (RM) | <input type="text"/> | | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> % | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | |
| Right Base (RB) | <input type="text"/> | | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> % | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | |

6. Date of MR Interpretation: -- (mm-dd-yyyy)

7. Reader ID:

Part 2: MRI/MRSI Imaging

8. Date of MRI/MRSI: - (mm-dd-yyyy)

9a. Was MRSI completed?

- 1 No *
- 2 Yes

9b. *If no MRSI, indicate the reason:
 1 Technical problems with PRESS/PROSE package
 2 Claustrophobia
 3 Other, specify: _____

9c. Did MRSI parameters follow protocol?

- 1 No
- 2 Yes

9d. MRSI image quality:

- 1 excellent
- 2 good
- 3 poor, reason _____
- 9 non-diagnostic

10. Based on combined MRI/MRSI, a maximum of four (4) foci must be drawn in the diagrams presented to the left of the pictures labeled Base, Midglan, and Apex. These pictures are to be used as reference only, and in conjunction with the diagram. Please note that use of the diagram allows for foci to cross sextants.

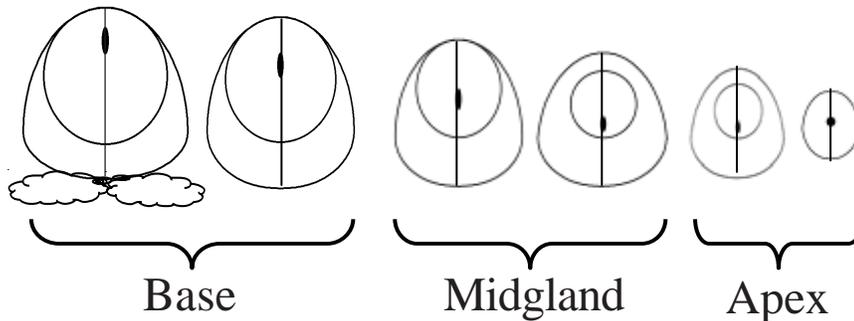
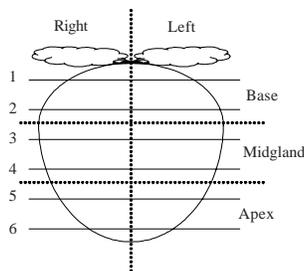


Table Positions:

Table Positions:

Table Positions:

Imaging site to enter slice locations for anatomical slices viewed in each area.

11. Based on the review of combined MRI/MRSI images combined, fill in the appropriate values within each sextant. A response is required for each sextant. Ratio values must be entered for all sextants, even if a sextant is considered tumor free, please be sure to provide the maximum ratio that could possibly represent abnormal tissue in that sextant.

| | Total Number of Probably/Definitely Abnormal Voxels | Maximum Choline to Creatine Ratio (C:C) | Maximum Choline+Creatine to Citrate Ratio (C+C:C) | Maximum Axial diameter of Malignant Foci (mm) |
|---------------------|---|---|---|---|
| Left Apex (LA) | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> |
| Left Midgland (LM) | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> |
| Left Base (LB) | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> |
| Right Apex (RA) | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> |
| Right Midgland (RM) | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> |
| Right Base (RB) | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> |

12. Based on the review of combined MRI/MRSI images combined, fill in the appropriate values within each sextant. A response is required for each sextant.

The probability of malignant foci presence is meant to be a subjective reader-specific measure, representing the reader's belief or confidence that foci are present.

If no foci are seen, please enter 1 for the "confidence rating" and 0 for the "probability of foci presence".

Note: It is important for each reader to be consistent across patients, i.e., rather than trying to determine a probability scale that produces similar results across readers (for the same patient), the main objective is to obtain a probability scale with strong validity at the reader level. Hence, readers should use their previous values as reference when determining the "probability of malignant foci presence" for each sextant.

| | Confidence In presence of Malignant Foci | Probability of Malignant Foci Presence (100% = highest probability) |
|---------------------|--|---|
| Left Apex (LA) | <input type="text"/> | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> % |
| Left Midgland (LM) | <input type="text"/> | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> % |
| Left Base (LB) | <input type="text"/> | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> % |
| Right Apex (RA) | <input type="text"/> | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> % |
| Right Midgland (RM) | <input type="text"/> | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> % |
| Right Base (RB) | <input type="text"/> | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> % |

Confidence Scale
 1 Definitely not present
 2 Probably not present
 3 Indeterminate
 4 Probably present
 5 Definitely present

13. Date of MRI/MRSI Interpretation: (mm-dd-yyyy)

14. Reader ID:

Comments: _____

Signature of person responsible for the data ¹

_____-_____-_____
Date Form Completed (mm-dd-yyyy)

Signature of person entering data onto the web ²



**ACRIN 6659
Consensus Review Form**

ACRIN Study 6659
PLACE LABEL HERE

Institution _____ Institution No. _____

Participant Initials _____ Case No. _____

Instructions: Form is completed by consensus reviewers.

| MR Diagram | Pathologic cancer present | Pathologic sextants | Pathologic tumor size-long axis mm | Pathologic tumor size-short axis mm | Pathologic long axis (u) | Pathologic short axis (u) | Scale mm | Scale (u) | |
|----------------------------|---|--|---|--|---------------------------------|----------------------------------|-----------------|------------------|--|
| Left Apex (LA) | <input type="checkbox"/> No <input type="checkbox"/> Yes | <input type="checkbox"/> LA <input type="checkbox"/> RA <input type="checkbox"/> LM <input type="checkbox"/> RM <input type="checkbox"/> LB <input type="checkbox"/> RB | <input type="text"/> | <input type="text"/> | | | | | |
| Left Midgland (LM) | <input type="checkbox"/> No <input type="checkbox"/> Yes | <input type="checkbox"/> LA <input type="checkbox"/> RA <input type="checkbox"/> LM <input type="checkbox"/> RM <input type="checkbox"/> LB <input type="checkbox"/> RB | <input type="text"/> | <input type="text"/> | | | | | |
| Left Base (LB) | <input type="checkbox"/> No <input type="checkbox"/> Yes | <input type="checkbox"/> LA <input type="checkbox"/> RA <input type="checkbox"/> LM <input type="checkbox"/> RM <input type="checkbox"/> LB <input type="checkbox"/> RB | <input type="text"/> | <input type="text"/> | | | | | |
| Right Apex (RA) | <input type="checkbox"/> No <input type="checkbox"/> Yes | <input type="checkbox"/> LA <input type="checkbox"/> RA <input type="checkbox"/> LM <input type="checkbox"/> RM <input type="checkbox"/> LB <input type="checkbox"/> RB | <input type="text"/> | <input type="text"/> | | | | | |
| Right Midgland (RM) | <input type="checkbox"/> No <input type="checkbox"/> Yes | <input type="checkbox"/> LA <input type="checkbox"/> RA <input type="checkbox"/> LM <input type="checkbox"/> RM <input type="checkbox"/> LB <input type="checkbox"/> RB | <input type="text"/> | <input type="text"/> | | | | | |
| Right Base (RB) | <input type="checkbox"/> No <input type="checkbox"/> Yes | <input type="checkbox"/> LA <input type="checkbox"/> RA <input type="checkbox"/> LM <input type="checkbox"/> RM <input type="checkbox"/> LB <input type="checkbox"/> RB | <input type="text"/> | <input type="text"/> | | | | | |

1. Spectral Quality:

- 1
- 2
- 3
- 4
- 5

3. TZ Cancer:

- No
- Yes
- Not Dominant
- Dominant

2. Consensus Hemorrhage:

- No
- Yes



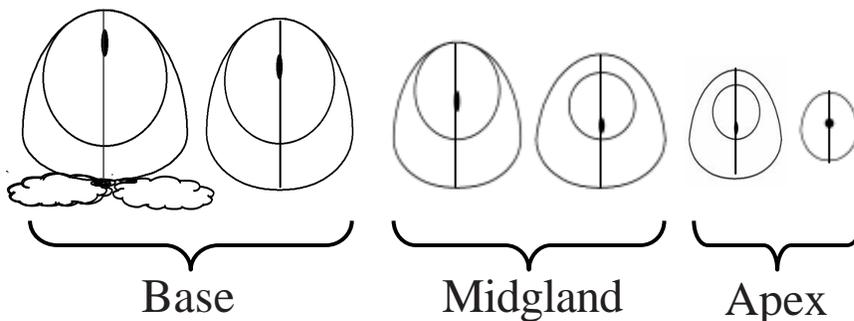
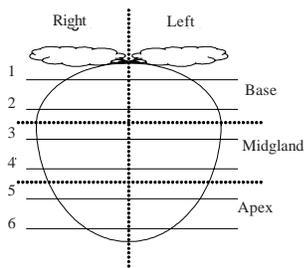
**ACRIN 6659
Consensus Review Form**

ACRIN Study 6659
PLACE LABEL HERE

Institution _____ Institution No. _____

Participant Initials _____ Case No. _____

MRI



**Base
Image slice range**



From To

Slice Position

OS to OS
OI _____ OI _____

**Midgland
Image slice range**



From To

Slice Position

OS to OS
OI _____ OI _____

**Apex
Image slice range**



From To

Slice Position

S to OS
I _____ OI _____

Comments:



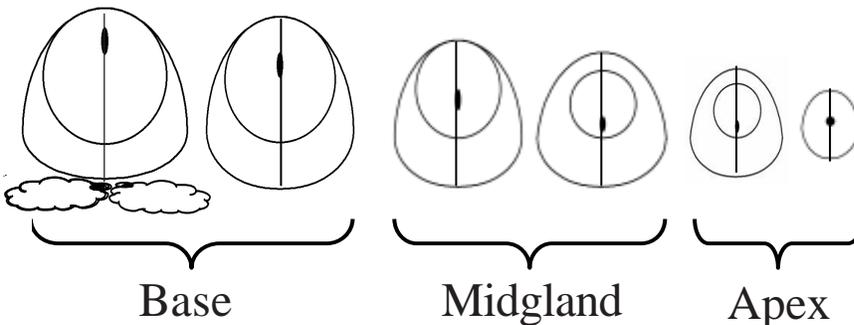
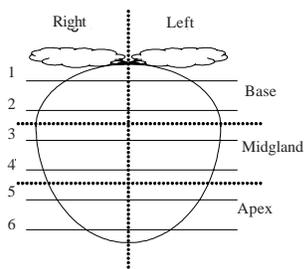
**ACRIN 6659
Consensus Review Form**

ACRIN Study 6659
PLACE LABEL HERE

Institution _____ Institution No. _____

Participant Initials _____ Case No. _____

MRS



**Base
Image slice range**



From To

Slice Position

OS _____ to OS _____
OI _____ OI _____

**Midgland
Image slice range**



From To

Slice Position

OS _____ to OS _____
OI _____ OI _____

**Apex
Image slice range**



From To

Slice Position

S _____ to OS _____
I _____ OI _____

Comments:

Pathologist signature: _____

Radiologist signature: _____

Radiologist signature: _____

Radiologist signature: _____

Statistician signature: _____

Date of Consensus Review: ____ / ____ / ____
mm dd yyyy

Form Entered By _____

Date Form Entered (mm-dd-yyyy) _____



**ACRIN 6659
Consensus Review Form**

ACRIN Study 6659
PLACE LABEL HERE

Institution _____ Institution No. _____

Participant Initials _____ Case No. _____

Instructions: Form is completed by consensus reviewers.

| MR Diagram | Pathologic cancer present | Pathologic sextants | Pathologic tumor size-long axis mm | Pathologic tumor size-short axis mm | Pathologic long axis (u) | Pathologic short axis (u) | Scale mm | Scale (u) | |
|----------------------------|---|--|---|--|---------------------------------|----------------------------------|-----------------|------------------|--|
| Left Apex (LA) | <input type="checkbox"/> No <input type="checkbox"/> Yes | <input type="checkbox"/> LA <input type="checkbox"/> RA <input type="checkbox"/> LM <input type="checkbox"/> RM <input type="checkbox"/> LB <input type="checkbox"/> RB | _____ | _____ | | | | | |
| Left Midgland (LM) | <input type="checkbox"/> No <input type="checkbox"/> Yes | <input type="checkbox"/> LA <input type="checkbox"/> RA <input type="checkbox"/> LM <input type="checkbox"/> RM <input type="checkbox"/> LB <input type="checkbox"/> RB | _____ | _____ | | | | | |
| Left Base (LB) | <input type="checkbox"/> No <input type="checkbox"/> Yes | <input type="checkbox"/> LA <input type="checkbox"/> RA <input type="checkbox"/> LM <input type="checkbox"/> RM <input type="checkbox"/> LB <input type="checkbox"/> RB | _____ | _____ | | | | | |
| Right Apex (RA) | <input type="checkbox"/> No <input type="checkbox"/> Yes | <input type="checkbox"/> LA <input type="checkbox"/> RA <input type="checkbox"/> LM <input type="checkbox"/> RM <input type="checkbox"/> LB <input type="checkbox"/> RB | _____ | _____ | | | | | |
| Right Midgland (RM) | <input type="checkbox"/> No <input type="checkbox"/> Yes | <input type="checkbox"/> LA <input type="checkbox"/> RA <input type="checkbox"/> LM <input type="checkbox"/> RM <input type="checkbox"/> LB <input type="checkbox"/> RB | _____ | _____ | | | | | |
| Right Base (RB) | <input type="checkbox"/> No <input type="checkbox"/> Yes | <input type="checkbox"/> LA <input type="checkbox"/> RA <input type="checkbox"/> LM <input type="checkbox"/> RM <input type="checkbox"/> LB <input type="checkbox"/> RB | _____ | _____ | | | | | |

| | |
|--------------------------------|------------------|
| Pathologist signature: | Comments: |
| Radiologist signature: | Comments: |
| Radiologist signature: | Comments: |
| Radiologist signature: | Comments: |
| Statistician signature: | Comments: |

Date of Consensus Review: _____ / _____ / _____
mm dd yyyy

Form entered by ¹ _____

_____ - _____ - _____
Date form entered (mm-dd-yyyy)



**ACRIN 6659
Consensus Review Form**

ACRIN Study 6659
PLACE LABEL HERE

Institution _____ Institution No. _____

Participant Initials _____ Case No. _____

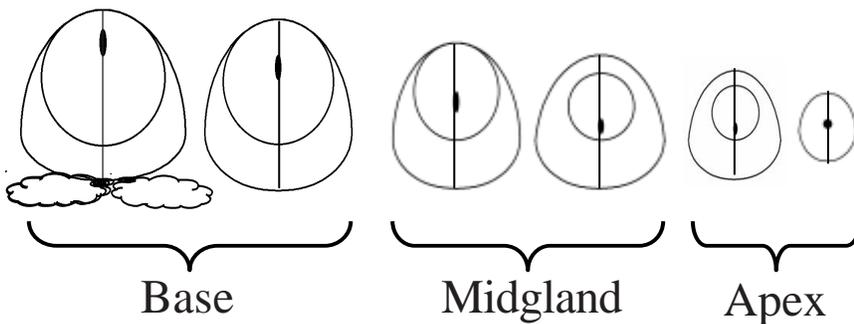
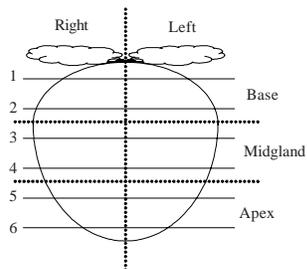


Image slice range

□ □ - □ □

Image slice range

□ □ - □ □

Image slice range

□ □ - □ □

Slice Position

S _____
 I _____

Slice Position

S _____
 I _____

Slice Position

S _____
 I _____

Comments:

P4**ACRIN 6659
Central Pathology Evaluation Form**ACRIN Study **6659****PLACE LABEL HERE**

Institution _____ Institution No. _____

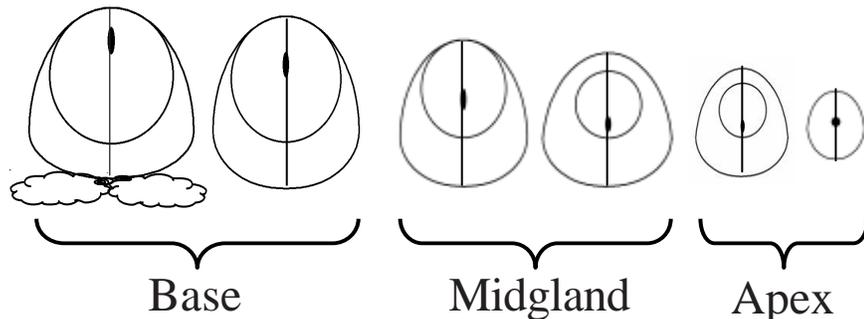
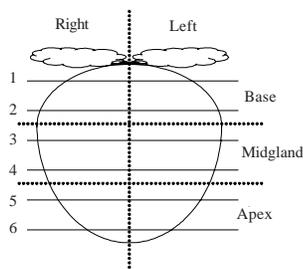
Participant Initials _____ Case No. _____

Instructions: Complete this form for all **6659** participants within **4 weeks** of recipient of specimens.
All dates are recorded mm-dd-yyyy.For revised or corrected form, check
box and fax to 215-717-0936. **1. Date of Radical Prostatectomy:** _____ - _____ - _____ (mm-dd-yyyy)**2. Indicate combined Gleason Score (e.g., 3+3=6) for each anatomic area, also level of PCI, Tumor Location, and Surgical Margins.**

| | <u>Gleason Score</u> | <u>Level of PCI</u> (Extra Capsular Extension) | <u>Tumor Location</u> | <u>Surgical Margin</u> |
|---------------------|----------------------|---|-----------------------|------------------------|
| Left Apex (LA) | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Left Midgland (LM) | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Left Base (LB) | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Right Apex (RA) | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Right Midgland (RM) | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Right Base (RB) | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Table Code Instructions*A response of "0" is required for **No** cancer or tumor.

| <u>Gleason Score</u> | <u>Level of PCI</u> | <u>Tumor Location</u> | <u>Surgical Margin</u> |
|-----------------------|-----------------------|-----------------------|------------------------|
| 0 No Cancer (2-10) | 0 No Tumor | 0 No Tumor | 0 No Tumor |
| 98 Cannot be assessed | 1 Level 0 or 1 | 1 Anterior | 1 Negative Margin |
| 99 Unknown | 2 Level 2 | 2 Posterior | 2 Positive Margin |
| | 3 Level 3 Focal | 3 Both | |
| | 4 Level 3 Established | | |



Institution _____ Institution No. _____

Participant Initials _____ Case No. _____

Prostate Tumor

3. **Seminal vesicle invasion?**

- 1 No
- 2 Yes, unilateral
- 3 Yes, bilateral
- 99 Unknown

4. **Indicate histologic type:**

- 1 Adenocarcinoma
- 2 Other, specify: _____
- 99 Unknown

5. pT **Indicate Primary Pathologic Stage:**

- 1 pT2 Organ confined
- 2 pT2a Unilateral, involving one-half of one lobe or less
- 3 pT2b Unilateral involving more than one-half of one lobe but not both lobes
- 4 pT2c Bilateral disease
- 5 pT3 Extraprostatic extension
- 6 pT3a Extraprostatic extension Positive surgical margin should be indicated by an R1 descriptor (residual microscopic disease)
- 7 pT3b Seminal vesicle invasion
- 8 pT4 Invasion of bladder, rectum
- 99 Unknown

6. **Disagreement Impacting Clinical Care**

- 1 No
- 2 Yes*

* Please fax letter of notification to **Protocol 6659** (include Case No. and Institution Site No.) ACRIN Data Management @ 215-717-0936

COMMENTS: _____

Signature of person responsible for the data ¹

Date form completed ____-____-____ (mm-dd-yyyy)

| | | | |
|-----------|----------------------------------|---------------------|--------------------|
| PC | ACRIN 6659 | Study # 6659 | Case# _____ |
| | Pathology Submission Form | | |

If this is a revised or corrected form, please box.

| | |
|--------------------|----------------------|
| Institution | Institution # |
|--------------------|----------------------|

| | |
|----------------|---------------------|
| Patient | Patient I.D. |
|----------------|---------------------|

INSTRUCTIONS: This form must be completed and mailed with the Pathology Specimens whenever slides are sent. All slides must be sent with the **Pathology Transmittal Form (PC)**. At the time of shipment, a copy of the **PC** form and the **PI** (pathology report) should also be **faxed to ACRIN Data Management at 215-717-0936**. **DE**

*Specimens need to be labeled with the **ACRIN Study and Case Number**.

| Lesion Type* | Procedure Date | Number of Slides | Slide ID | Pathology Specimen# |
|--------------|----------------|------------------|----------|---------------------|
| | _ / _ / _ | | | |
| | _ / _ / _ | | | |
| | _ / _ / _ | | | |
| | _ / _ / _ | | | |
| | _ / _ / _ | | | |

- *Type**

 - 1 Index Lesion
 - 2 Lesion 2
 - 3 Lesion 3
 - 4 Lesion 4

REQUIRED ENCLOSURES:

_____ Pathology Report(s) (to ACR)

_____ Slides (see Protocol Sec. 11.5)

* Fax to ACR copy of this form and Pathology reports.

SEND TO:
Thomas Wheeler, M.D.
ACRIN Study 6659
The Methodist Hospital
Deputy Chief / Pathology Service
6565 Fannin, MS 205
Houston, TX 77030

SUBMITTED BY: _____

TELEPHONE NO:(_____) _____



**ACRIN 6659
MR Imaging and MR Spectroscopic
Imaging of Prostate Cancer Prior to
Radical Prostatectomy
Protocol Variation Form**

**ACRIN Study 6659
PLACE LABEL HERE**

Institution _____ Institution No. _____
Patient Initials _____ Case No. _____

Instructions: In the instance a protocol requirement is not met please record the necessary information below. Complete a separate form for each case and for each instance. Retain the form in the case study file. Fax a copy to ACRIN Headquarters at (215) 717-0936. Data Management will note this information in the database to prevent multiple queries.

1. Check The Protocol Event Being Reported: (report only one per form)

- Participant completed study activity before signing consent
- Participant withdrew study consent, provide documentation
- Patient did not follow enema administration prior to Imaging
- Radical Prostatectomy not able to be scheduled within 6 months of Imaging
- Participant not able to tolerate endorectal coil insertion for imaging
- Participant not able to complete Imaging portion of study
- Other, specify _____

2. Describe The Protocol Event Reported Above _____

Research Associate

Date form completed ____ - ____ - 200__ (mm-dd-yyyy)

HQ Code

HQ Research Associate

QAACRIN 6659
Quality Assurance Form

ACRIN Study 6659

PLACE LABEL HERE

Institution _____ Institution No. _____

Participant Initials _____ Case No. _____

Phantom QA Spectroscopy**I. Record the following, after the Auto Prescan:**

Water linewidth-FWHM: (phantoms =2 Hz):

A) Flip Ang (water suppression flip angle): _____

B) SuppLvl (percent of residual water) _____

C) R1 _____, R2 _____, TG _____, AX _____

II. Record the following shims located in Spectro Prescan page:

X _____, Y _____, Z _____ Shim Values

III. Go to Browser menu, view spectral dataset and record the following:

| | S/N (calculated by scanner) | RATIO |
|-----------------------|---------------------------------------|--------------|
| NA | | |
| Cr | | <REF ** > |
| Ch | | |
| H₂O | | |

**** The signal to noise ratio of creatine should be ≥ 90 to 1. If not, check with your service engineer.**_____
Signature of person responsible for the data ¹Date form completed ____-____-_____
(mm-dd-yyyy)