

ATC CREDENTIALING PROCEDURES FOR PROSTATE IMPLANT PROTOCOLS
KNOWLEDGE ASSESSMENT FORM

Institution _____

RTF# _____

Physicist _____

Radiation Oncologist _____

Protocol Specifications:

Planning:

The CTV is determined from pre or post implant _____ images and defined to be

_____.

The PTV is the CTV expanded by the following margins.

lateral _____

anterior _____

posterior _____

cephalad _____

caudad _____

The monotherapy dose prescription is _____ Gy for ¹²⁵I and _____ Gy for ¹⁰³Pd.

The boost dose prescription is _____ Gy for ¹²⁵I and _____ Gy for ¹⁰³Pd.

Evaluation:

The ETV is determined from pre or post implant _____ images and defined to be:

_____.

The urethra will be drawn as:

_____.

Data to submit: The following dosimetric data are to be submitted for each patient:

- _____.
- _____.
- _____.
- _____.

By our signatures we attest to the fact that we have performed the minimum required TRUS implants as stated in the protocol.

Radiation Physicist Date

Radiation Oncologist Date

Name Printed

Name Printed

ATC CREDENTIALING PROCEDURES FOR PROSTATE IMPLANT PROTOCOLS PREVIOUS PATIENT

Submit information for a recent prostate implant completed by the radiation oncologist and physicist, above. (Note: Please be sure to submit a case treated as close to per protocol as possible using the model ¹²⁵I or ¹⁰³Pd seed you will use for protocol cases.). Institutions wishing to participate on RTOG protocols must submit the **post-implant** data electronically to the ITC. Instructions for electronic submission can be found on the ATC website (<http://atc.wustl.edu/protocols/rtog/0232/0232.html>). The information submitted must include:

- Two copies of the implant plan, either the pre-plan or the real-time plan. One copy must show the ultrasound images with all isodose lines and other contours turned off and the second copy must show the contours and isodose lines turned on. Also, include a copy of the needle loading plan and DVHs.
- Post-implant treatment plan showing isodose distributions superimposed on CT images.
- Volumes of prostate, bladder and rectum as calculated by your treatment planning system.
- Provide integral dose volume histogram tables (10 Gy increments) for the **ETV, RECTUM, BLADDER, and URETHRA** in the region of the prostate.

General Notes:

- Outline the entire outer rectal surface as specified by the protocol, not just the anterior aspect of the rectum.
- Please be sure the name of the treating physician is stated on the plan.
- The ITC also requires a copy of the post-plan isodose distributions to be submitted on paper to accompany your electronic submission.