elephone:	Fax:	
esponsible Radiation Oncologist(s)		_
elephone:	e-mail:	

This questionnaire and benchmark have been accepted by all of the NCI funded cooperative groups and

3. What is your IMRT planning system?

Version	No.
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And stypour treatment planning system capable of transferring a patient's beams to a QA phant uses

If no, how do you verify the dose distribution

head and neck prostate 1 1Td ($\frac{728.5}{504}$ 6.79 te f BT 71 Tf 102.75 547.e Td ()Tj -504 -13.5 T266 12 Tf -66 12Tc e.e Tj 0 6 j.

e. How are patients imm	nobilized for t	hese treatments	?		
f. What PTV margins of	do you usually	use for this site	?mm		
g. To what isodose line	e are IMRT tr	eatments for the	ese patients com	nonly prescribe	d (relative to
maximum dose)?					
	95%	90%	85%		other
h. How do you verify f	field positionin	g relative to the	patient'p22nator	my?	
🗌 orthogonal f	ìlms				
beam films	using a jaw se	tting that enclos			

- in _____ (#) axial planes
- & in _____ (#) sagittal planes
- & in ____(#)coronal planes

c. Type of Qraphanton	c.	Type of	QA	ohantom
-----------------------	----	---------	----	---------

anthropomorphic phantom Vendor:
geometric phantom:(material)
shape: square cylinder other
size of phantomcm Xcm Xcm
d. For this measurement
\Box the patient's beams are transferred to the QA phantom by the planning system.
☐ the patient's beams are not transferred to the QA phantom in software, but an anthropomorphic phantom is used to simulate approximate patient geometry for dose measurements.
e. What agreement between planned and measured doses for individual patients is considered
acceptable at your institution?
For absolute dose in target volume (high dose) region
For absolute dose in critical normal tissue region
For absolute dose in low dose region
For relative dose in high dose gradient region
For relative dose in low dose gradient region
in high dose region (target)
in low dose region

f. Wre your monitor unit calculations checked by an independent program?

no

 \Box yes Vendor:

b. RTOG institutions and institutions choosing to satisfy the benchmark requirement with an RPC

BENCHMARK CASE:

Patient Data Selection:

in the head region or in the pelv from your institution shall be used. The image data set shall extend at leas superiorly/inferiorly with slice thickness no greater than 3 mm. The geometry of t volume (PTV) and the organ at risk (OAR) is For "step and shoot" and "sliding window" techniques the treatment plan shall consist of beams from at least 4 and not more than 9 gantry angles. Tomotherapy and other dynamic arc treatments (e.g. RapidArc and VMAT) shall be deliv