

Dry Run Test Case/Credentialling

- On the order of 1400 Credentialing cases Received
- Nearly 1000 for 0413/B39
- Changing Paradigm for new protocols
 - Dry Run is a test of digital data submission capabilities
 - First case is reviewed in a timely manner and institution is asked not to register subsequent patients until

Credentialing Table

Credentialing Requirements Summary for ATC-Supported, External-Beam Protocols - Microsoft Internet Explorer

Address: http://atc.wustl.edu/credentialing/cred_req_ext_beam.html

Table 1. External Beam Credentialing Requirements

Protocols	Facility Questionnaire	ITC Digital Data Subm. Capability	Knowledge Assessment	Protocol Specific Dry Run (down-loaded data)	Protocol Specific Dry Run (prev. treated case)	First Case Review (Rapid)	First Case Review (Timely)	Patient Immob. Test	Planning/Delivery Test (see table below)
QARC	X								A or B or C
RTOG 0234 RTOG 0521	X	X							A or B or C
RTOG 0126 (3D) RTOG 0117	X	X			X				n/a
NSABP B-39/RTOG 0413	X	X	X	X		X			n/a
RTOG 0126 (IMRT)	X	X			X				B
RTOG 0022 RTOG 0225	X	X					X		C
RTOG 0522 (IMRT) RTOG 0421 (IMRT)	X	X			X				C
RTOG 0236	X	X				X		X	D
RTOG 0438	X	X			X	X		X	D
RTOG 0418	X	X				X			B

Credentialing for Previous Protocols

Institutions previously credentialed for IMRT on RTOG protocols 0022 or 0225 are also eligible to accrue patients on RTOG protocols 0234, 0521, 0522, and 0421 using IMRT. Institutions previously credentialed for IMRT on RTOG protocol 0126 are also eligible to accrue patients on RTOG protocols 0234 and 0521.

Table 2. Planning and Delivery Tests

Credentialing Table

Credentialing Requirements Summary for ATC-Supported, External-Beam Protocols – Microsoft Internet Explorer

Address: http://atc.msu.edu/credentialing/cred_req_ext_beam.html

RTOG 0522 (IMRT)	X	X			X				C
RTOG 0421 (IMRT)	X	X							
RTOG 0236	X	X				X		X	D
RTOG 0438	X	X			X	X		X	D
RTOG 0418	X	X				X			B

Credentialing for Previous Protocols

Institutions previously credentialed for IMRT on RTOG protocols 0022 or 0225 are also eligible to accrue patients on RTOG protocols 0234, 0521, 0522, and 0421 using IMRT. Institutions previously credentialed for IMRT on RTOG protocol 0126 are also eligible to accrue patients on RTOG protocols 0234 and 0521.

Table 2. Planning and Delivery Tests

Level	QARC IMRT Benchmark	RPC Phantom		
		Simple (Pelvis or Brain)	Complex (Head/Neck)	Protocol Specific
A	X			
B		X		
C			X	
D				X

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Digital Data integrity QA

- ITC has hired Anna Eccher. Joined at the End of April. She will be helping with digital data integrity QA and setting up reviews.

Digital Data integrity QA stats

Protocol	Cases Processed	Problems	% Cases with problems	Interval for which statistics are given
0126	245	78	32 %	7/2005 – 4/2006
0413	1657	451	27 %	2/2005 – 4/2006
0232	26	5	19 %	1/2006 – 4/2006
0522	18	8	44 %	1/2006 – 4/2006
0236	14	0	0 %	1/2006 – 4/2006
0321	49	4	8 %	1/2006 – 4/2006
0117	9	2	22 %	1/2006 – 4/2006
TOTAL	2018	548	27 %	

Digital Data integrity QA

- Missing Protocol Elements
- Problems with File Transfer
- Misuse of the Treatment Planning System User Interface or Submission software

Digital Data integrity QA

- Missing Protocol Elements – 25%
- Problems with File Transfer – 32%
- Misuse of the Treatment Planning System User Interface or Submission software – 43%