

# Current Credentialing Requirements for RTOG Protocols

Protocols	Facility Questionnaire	ITC Digital Data Subm. Capability	Knowledge Assessment	Protocol Specific Dry Run (downloaded 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 0022	X	X			X				C
RTOG 0117	X	X			X				n/a
RTOG 0126 (3D)	X	X			X				n/a
RTOG 0126 (IMRT)	X	X			X				B or C
RTOG 0225	X	X			X				C
RTOG 0234	X	X							A or B or C
RTOG 0236	X	X				X		X	D
NSABP B-39/RTOG 0413	X	X	X	X		X			n/a
RTOG 0418	X	X				X			B
RTOG 0421 (IMRT)	X	X					X		C
RTOG 0438	X	X			X	X		X	D
RTOG 0521	X	X							A or B or C
RTOG 0522 (IMRT)	X	X					X		C

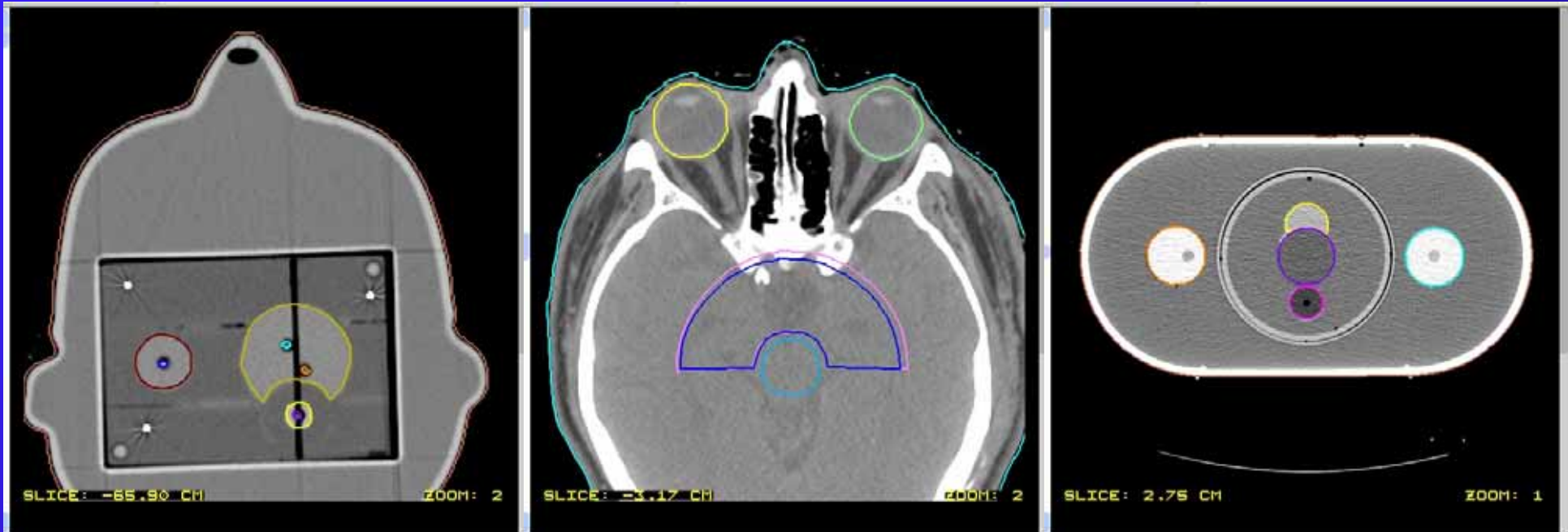
Level	QARC IMRT Benchmark	RPC Phantom		
		Simple (Pelvis or Brain)	Complex (Head/Neck)	Protocol Specific
A	X			
B		X		
C			X	
D				X

# Hopeful resolution

Protocols	Facility Questionnaire	ITC Digital Data Subm. Capability	Knowledge Assessment	First Case Review (Rapid)	First Case Review (Timely)	Patient Immob. Test	RPC Planning/Delivery Test
3DCRT							
IMRT							
SBRT/Others							

Protocols	Facility Questionnaire	ITC Digital Data Subm. Capability	Knowledge Assessment	First Case Review (Rapid)	First Case Review (Timely)	Patient Immob. Test	RPC Planning/Delivery Test
3DCRT	X	X		X			N/A
IMRT	X	X		X			IMRT Phantom
SBRT/Others	X	X		X		X	Protocol Specific Phantom

# Single Phantom/Benchmark?

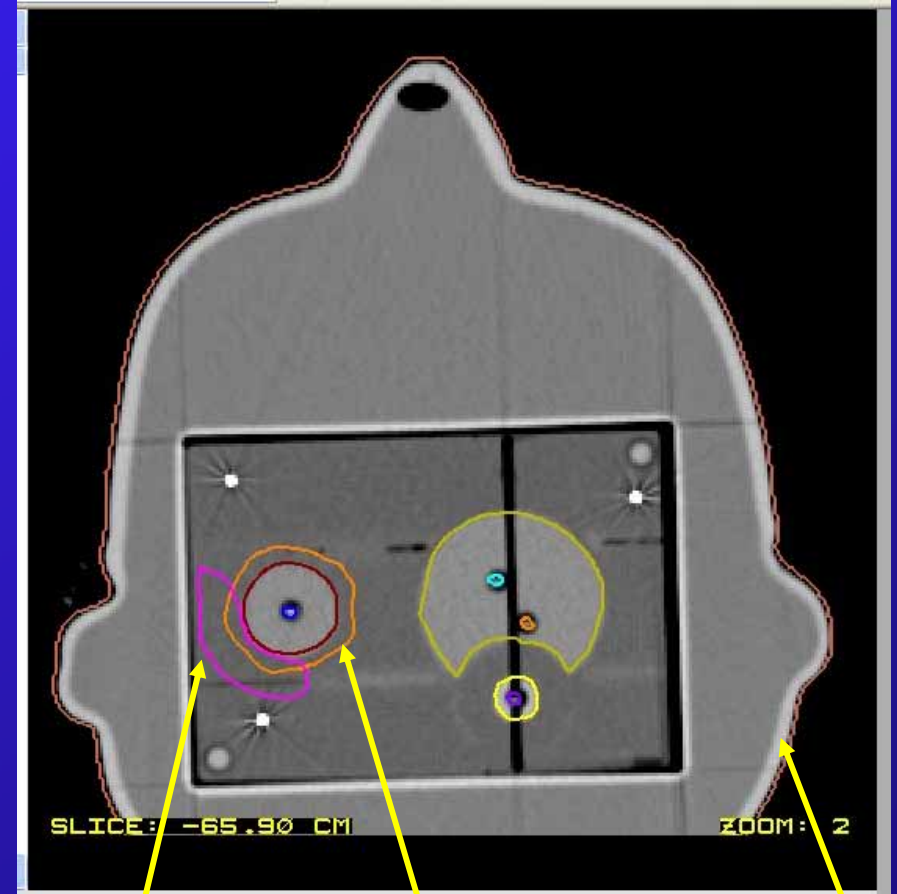
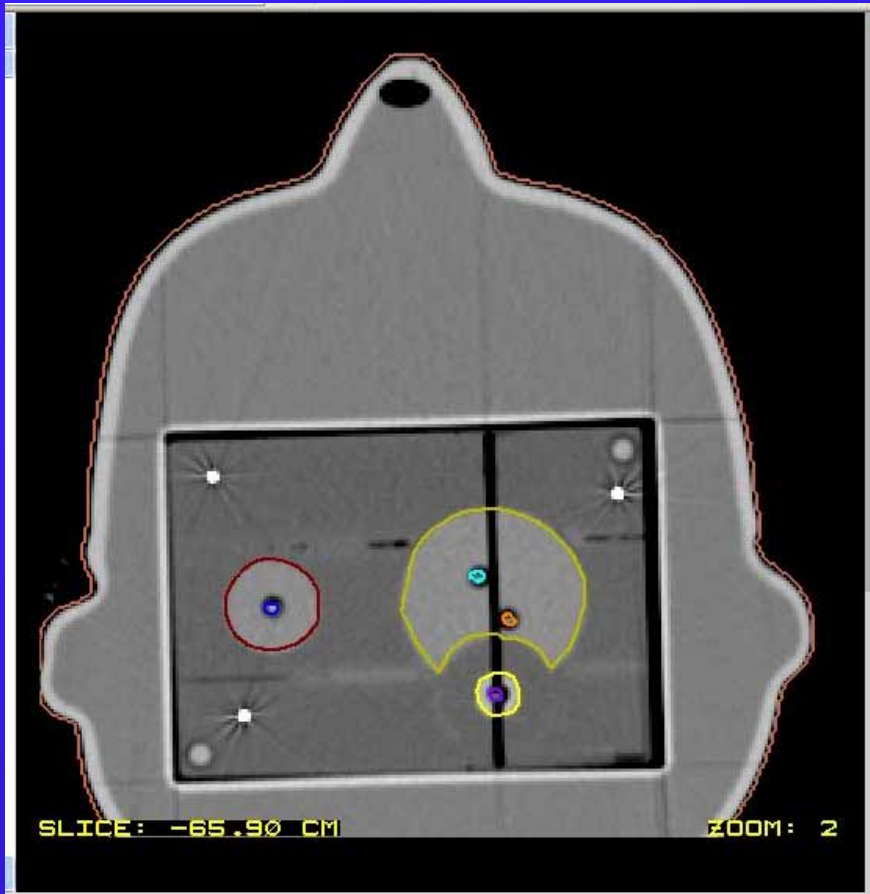


# Getting Rid of the Dry Run

Use Phantom as test of digital data submission when appropriate

- Requires some contouring to be done on the phantom to ensure certain capabilities
  - ◆ “Skin” (External Contour)
  - ◆ Overlapping contours (PTVs, CTVs, parotids)

# Eliminating the Dry Run



“Parotid” or Structure  
overlapping “PTV”

“PTV” Or Growth

“Skin” or External  
Contour

<b>Protocols</b>	<b>Facility Questionnaire</b>	<b>ITC Digital Data Subm. Capability</b>	<b>Knowledge Assessment</b>	<b>First Case Review (Rapid)</b>	<b>First Case Review (Timely)</b>	<b>Patient Immob. Test</b>	<b>RPC Planning/ Delivery Test</b>
3DCRT	X	X		X			N/A
IMRT	X	X		X			IMRT Phantom
SBRT/Others	X	X		X		X	Protocol Specific Phantom