

# Treatment Planning System Export Capability Per Modality

The table below lists treatment planning systems (TPS) whose data export capabilities have been tested by IROC-St. Louis (formerly, the Advanced Technology QA Consortium). The TPS listed here were deemed to be *ATC Compliant* for the indicated five treatment modalities as of July 14, 2014. In each case, cooperative group protocol participants have submitted *complete, reviewable* digital data sets using these systems. Prospective users should consult the TPS manufacturer to verify the capabilities of the TPS *version* they intend to use for protocol submissions and consult the protocol text for any additional submission requirements.

Treatment Planning Systems			Exchange Format	Treatment Modality				
Vendor	System	Version <sup>1</sup>		3DCRT	IMRT	Seed Brachy	HDR Brachy	Protons
<a href="#">Accuray</a>	MultiPlan	1.5.2	D		✓			
<a href="#">BrainLAB</a>	iPlan	4.1 <sup>2</sup>	D	✓	✓			
<a href="#">Elekta</a>	CMS Focus/XiO	3.1	R	✓	✓	✓		✓
	CMS XiO	4.3.1	D	✓	✓			
	RenderPlan 3D		R	✓				
	PrecisePlan	2.01	D	✓	✓			
<a href="#">Nomos</a>	Corvus		R		✓ <sup>3</sup>			
<a href="#">Nucletron</a>	Helax TMS		R	✓	✓			
	TheraPlan Plus		R	✓				
	Oncentra MasterPlan	1.5	D	✓	✓			
		3.1	D	✓	✓		✓	
	PLATO RTS	2.62	D	✓				
	PLATO BPS	14.2.6	D				✓	
	SPOT-PRO	3.1-00	D			✓		
<a href="#">PerMedics</a>	Odyssey	4.8.02	D	✓	✓			✓
<a href="#">Philips</a>	Pinnacle <sup>3</sup>		R	✓	✓			
	Pinnacle <sup>3</sup>	8.0h	D	✓	✓			

	AcqPlan	4.9	<b>R</b>	✓			
<b><u>Prowess</u></b>	Panther	4.41	<b>D</b>	✓	✓	✓	
<b><u>RaySearch</u></b>	RayStation	4.0.3.4	<b>D</b>	✓	✓		
<b><u>Rosses Medical</u></b>	Strata Suite CTPlan	4.0	<b>R</b>			✓	
<b><u>RTek</u></b>	PIPER	2.1.2	<b>R</b>			✓	
<b><u>TomoTherapy</u></b>	Hi-ART	3.0	<b>D</b>		✓		
<b><u>Varian</u></b>	BrachyVision	6.5 (Build 7.1.67)	<b>D</b>			✓	
	Eclipse	7.1	<b>D</b>	✓	✓		✓
	VariSeed	7.1	<b>D</b>			✓	

Exchange formats: **D** = DICOM RT Objects **R** = RTOG Data Exchange Format

Notes:

- <sup>1</sup> Earliest version of treatment planning system with tested compliance.
- <sup>2</sup> Please contact [BrainLAB](#) for data export procedure.
- <sup>3</sup> Requires use of [work-around](#) for ATC-compliant submission.

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