

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 ¹		3DCRT	IMRT	Seed Brachy	HDR Brachy	Protons
Accuray	MultiPlan	1.5.2	D		✓			
BrainLAB	iPlan	4.1 ²	D	✓	✓			
Elekta	CMS Focus/XiO	3.1	R	✓	✓	✓		✓
	CMS XiO	4.3.1	D	✓	✓			
	RenderPlan 3D		R	✓				
	PrecisePlan	2.01	D	✓	✓			
Nomos	Corvus		R		✓ ³			
Nucletron	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			✓		
PerMedics	Odyssey	4.8.02	D	✓	✓			✓
Philips	Pinnacle ³		R	✓	✓			
	Pinnacle ³	8.0h	D	✓	✓			

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

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

Notes:

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

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