

Saving Time

Clinical Goals Feasibility

Before treatment planning begins, PlanIQ tells you the patient-specific feasibility of your clinical goals and makes recommendations to improve them. This results in better plans, and saves you and your staff precious time.

Improving Quality

Plan Quality Scoring

Based on your clinical goals, every target and OAR receives a quality score, and the treatment plan receives a Plan Quality Metric (PQM) score. PlanIQ also offers something unique and valuable - a patented Adjusted PQM (APQM) score customized to the patient-specific feasibility analysis.

PlanIQ provides much more than simple pass/fail results for DVH objectives.

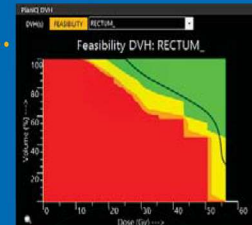
- PlanIQ is a patient-specific measure of quality, with sliding-scale metrics
- See OAR, target, and overall plan quality summarized from “acceptable” to “ideal”
- Choose from over 70 site-specific and customizable protocol libraries

Target & OAR
Clinical Goals

Find the Right Clinical Goals

PlanIQ™

Metric ID	PlanIQ Result	Goal (1)	Goal (1) Feasibility	Goal (2)	Goal (2) Feasibility	Comments
(PTV_5000) V33.20Gj (%)	100.0000	> 90	Probable	≥ 95	Probable	
(PTV_5000) V32.20Gj (%)	100.0000	> 90	Probable	≥ 100	Probable	
(PTV_5000) V38.60Gj (%)	0.0000	< 10	Challenging	≤ 0	Challenging	
(PTV_5000) D30.00Gj (Gy)	16.0010	< 63.6	Challenging	≤ 57	Difficult	
(CTV_5000) V36.00Gj (%)	100.0000	> 94	Probable	≥ 99	Probable	
(PTV5000) Confirmation Number [47.88Gj]	0.9982	> 0.5	Probable	≥ 1	Impossible @ 100% Coverage	
(CTV_5040) V30.40Gj (%)	100.0000	> 94	Probable	≥ 99	Probable	
(PTV5040-PTV5000) V30.40Gj (%)	99.9585	> 90	Probable	≥ 95	Probable	
(PTV5040-PTV5000) V47.88Gj (%)	99.9737	> 98	Probable	≥ 100	Difficult	
(PTV5040-PTV5000) V32.80Gj (%)	0.0460	< 50	Challenging	≤ 15	Challenging	
(RECTUM_L) V30.40Gj (%)	45.0515	< 20	Impossible @ 100% Coverage	≤ 0	Impossible @ 100% Coverage	
(RECTUM_L) V40.00Gj (%)	57.5814	< 60	Difficult	≤ 40	Impossible @ 100% Coverage	
(BOWEL_TOTAL) V30.40Gj (cc)	156.9057	< 250	Difficult	≤ 160	Difficult	
(BLADDER_L) V30.50Gj (cc)	0.4337	< 00	Probable	≤ 50	Difficult	
(BLADDER_L) V40.00Gj (%)	23.8835	< 60	Probable	≤ 40	Probable	
(BM-PTV5040) V30.00Gj (%)	16.7310	< 90	Probable	≤ 75	Probable	
(PERIPHERAL_BNKG) V40.00Gj (Gy)	0.0000	< 100	Probable	≤ 10	Probable	
(PTV5000) Volume of Target [30.40Gj] (cc)	2.2491	< 500	Probable	≤ 100	Challenging	



Are the Clinical Goals Achievable?

For This Patient...
What is my DVH?
What DVH is Feasible?
Can I do Better?

Plan Quality Metric Component	Objective(s)	Result	Raw Score	Max Score	Performance	PlanIQ Adjusted Performance
(PTV_5000) V33.20Gj (%)	> 90 (± 95)	100.0000	20.00	20	100.0%	→ 100.0%
(PTV_5000) V32.20Gj (%)	> 90 (± 100)	100.0000	11.61	12	96.7%	→ 96.7%
(PTV_5000) V38.60Gj (%)	< 10 (± 0)	0.0000	5.00	5	100.0%	→ 100.0%
(PTV_5000) D30.00Gj (Gy)	< 63.6 (± 57)	16.0010	3.49	5	75.8%	→ 75.8%
(CTV_5000) V36.00Gj (%)	> 94 (± 99)	100.0000	12.00	12	100.0%	→ 100.0%
(PTV5000) Confirmation Number [47.88Gj]	> 0.5 (± 1)	0.9982	1.00	4	75.0%	→ 75.0% (Adjusted) [To Baseline: 1.00] (PlanIQ Score)
(CTV_5040) V30.40Gj (%)	> 94 (± 99)	99.9737	5.81	12	48.5%	→ 48.5%
(PTV5040-PTV5000) V30.40Gj (%)	> 90 (± 95)	99.9585	18.14	20	90.7%	→ 90.7%
(PTV5040-PTV5000) V47.88Gj (%)	> 98 (± 100)	99.9737	10.51	12	87.6%	→ 87.6%
(PTV5040-PTV5000) V32.80Gj (%)	< 50 (± 15)	0.0460	9.29	10	92.9%	→ 92.9%
(RECTUM_L) V30.40Gj (%)	< 20 (± 0)	45.0515	0.00	6	0.0%	→ 100.0% (Adjusted) [To Baseline: 0.00] (PlanIQ Score)
(RECTUM_L) V40.00Gj (%)	< 60 (± 40)	57.5814	5.00	6	84.9%	→ 100.0% (Adjusted) [To Baseline: 1.00] (Adjusted Score)
(BOWEL_TOTAL) V30.40Gj (cc)	< 250 (± 160)	156.9057	2.94	6	48.9%	→ 48.9%
(BLADDER_L) V30.50Gj (cc)	< 00 (± 0)	0.4337	3.58	4	89.5%	→ 89.5%
(BLADDER_L) V40.00Gj (%)	< 60 (± 40)	23.8835	4.00	4	100.0%	→ 100.0%
(BM-PTV5040) V30.00Gj (%)	< 90 (± 75)	16.7310	2.11	3	70.3%	→ 70.3%
(PERIPHERAL_BNKG) V40.00Gj (Gy)	< 100 (± 10)	0.0000	2.80	3	93.3%	→ 93.3%
(Global Max Location (Gy))	CTV_5000, PTV_5000, CTV_5040	PTV_5000	2.00	3	66.7%	→ 66.7%
(RECTUM_L) Serial Slice Evaluation [30.00Gj]	Pass	Pass	0.00	0	100.0%	→ 100.0%
(PTV5000) Volume of Target [30.40Gj] (cc)	< 500 (± 100)	2.2491	2.34	3	78.1%	→ 78.1%
Total (20 Metrics)			125.03	150.00	83.4%	→ 87.4% (Adjusted) [To Baseline: 143.00]

PQM (%)	APQM (%)
83.4%	87.4%

Have I created a Quality Plan?

For This Patient...
What are the PQM and APQM?
What are the Target Scores?
What are the OAR Scores?

Commissioning

Eclipse® RapidPlan™

Pinnacle³ Auto-Planning

Use PlanIQ as the gatekeeper for your RapidPlan models. Ensure only the highest quality plans are used in your RapidPlan library, and verify the quality of plans generated by RapidPlan. Use PlanIQ OAR feasibility analysis for plan optimization.

Use PlanIQ to get quick, quantitative plan quality assessment of plans generated by Auto-Planning. Use PlanIQ Target and OAR feasibility analysis for plan optimization.

Compliance

Accreditation
Documentation &
Continual Improvement

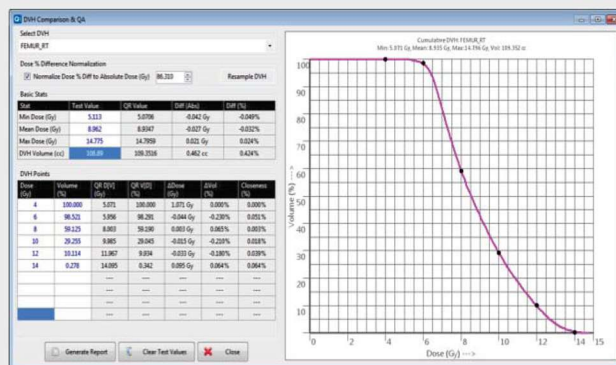
PlanIQ's Quality Reports™ feature provides automated and comprehensive treatment plan reports which satisfy accreditation audit requirements.

Easily demonstrate your treatment plan quality continual improvement progress and statistical distributions with PlanIQ.



TG-53 DVH QA

Complying with AAPM TG-53 is easier with PlanIQ. Verify your plan quality and metric results remain constant, and audit your TPS DVH calculations and parameters.



PlanIQD04022015

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