



# Raise your expectations

## Philips Pinnacle<sup>3</sup> 9.2

Pinnacle<sup>3</sup> provides confidence to users and departmental administrators by addressing three key needs: accuracy, flexibility and productivity.

Designed to make improvements to SmartArc, Pinnacle<sup>3</sup> 9.2 also includes new features and enhancements that improve user experience. From image import to final plan export, you can be confident in your day-to-day planning.

### Key advantages

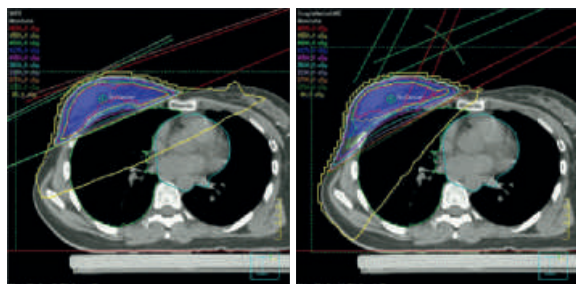
- Expands SmartArc clinical possibilities to improve plan quality
- Enhances accuracy for small fields through improved beam spot resolution
- Improves productivity for paperless departments through print-to-pdf capability

**PHILIPS**  
sense and simplicity

# Experience the power

## Do more with SmartArc 2.0

Pinnacle<sup>3</sup> customers and their patients are benefiting from the flexibility that SmartArc allows in performing VMAT treatments with both variable and constant dose rates. SmartArc VMAT plans delivered with constant dose rate (CDR) linear accelerators allow IMRT/DMPO quality treatment with low MU's and reduced delivery times.



IMRT/DMPO

Smaller Arcs

### Extending clinical possibilities

- Avoid critical structures with smaller arc angles (minimum angle = 24°)
- Add to the existing capability of SmartArc planning support for TrueBeam and Beam Modulator by adding Novalis Tx for stereotactic VMAT treatments

### Enhancing the efficiency of SmartArc planning

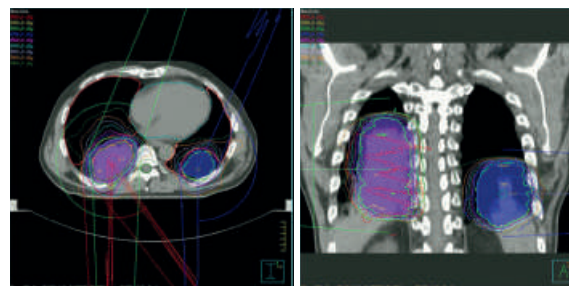
- The option to perform Segment Weight Optimization (SWO) automatically at the end of the SmartArc optimization process
- The ability to select mixed modality and/or mixed prescription optimizations increases flexibility



Combined IMRT/Dual Arcs optimizations using multiple prescriptions

Planning with one set of IMRT objectives to include multiple volumes with multiple arcs can be performed simultaneously:

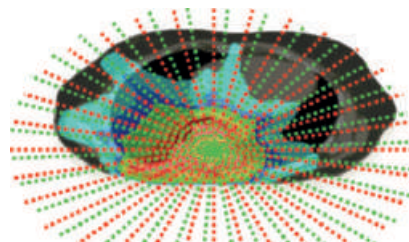
- Using “current jaws as max” feature to control jaw positions to constrain MLC behavior
- Associating beams to volumes



Multiple targets addressed with multiple arcs

### Increasing planning accuracy

A SmartArc plan with a 4° degree final gantry spacing can be optimized through interpolation of the control point vectors down to a 2° final gantry spacing without optimizing the plan again.



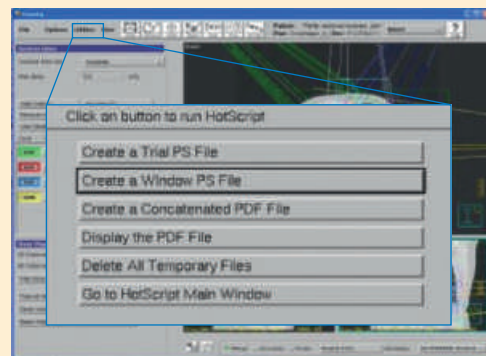
Interpolation control point vectors

# of Pinnacle<sup>3</sup> everyday

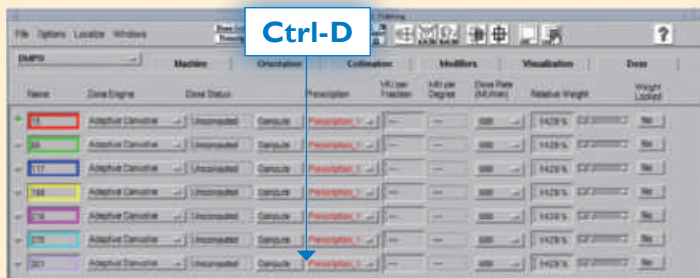
## Pinnacle<sup>3</sup> 9.2 highlights

Unleash your productivity with Pinnacle<sup>3</sup> 9.2, a powerhouse of expanded capabilities and enhancements.

With over 16 years of refinements, the latest version of Pinnacle<sup>3</sup> helps increase your productivity by saving you time and money. More importantly, you can enhance your patient care by delivering fast and accurate treatment plans.

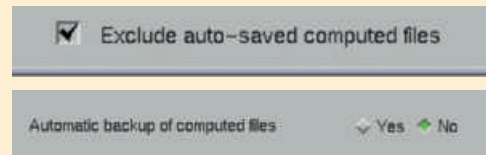
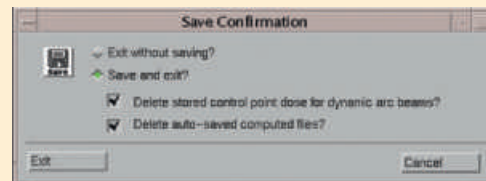


Print Pinnacle<sup>3</sup> plans in pdf format with user-defined content to support paperless departments

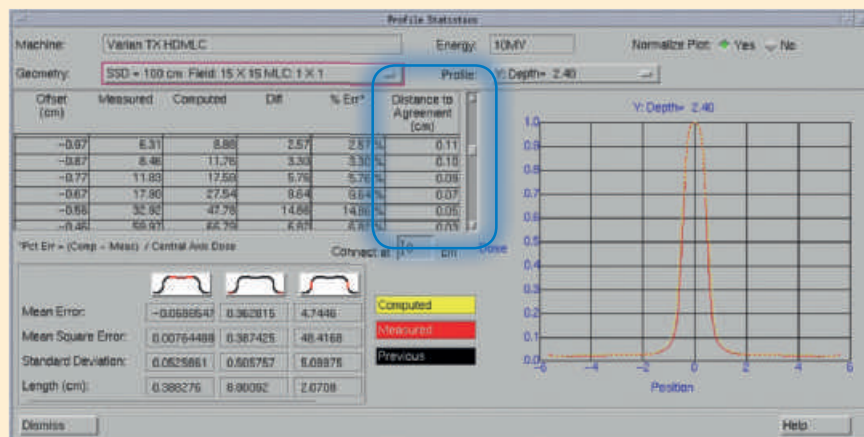


Speed up workflow with intuitive keyboard shortcuts:

- Ctrl-D: Calculate All
- Ctrl-S: Quick Save
- Ctrl-R: Redo spread



Have greater control over the data management process with options to manage or eliminate redundant data.



Help modeling decisions with the new Distance to Agreement tool

Enhance small field accuracy with improved beam spot resolution (0.5mm/pixel to 0.1mm/pixel)

# Pinnacle<sup>3</sup> 9.2 gives you the power to unleash your potential

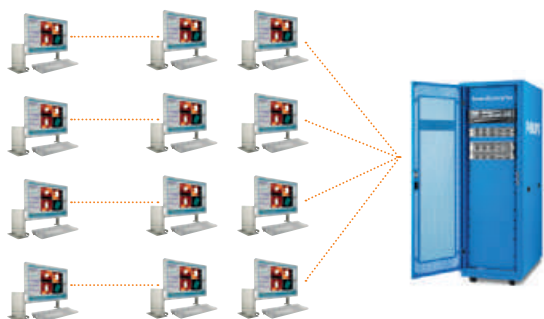
Flexible, scalable solutions to fit every department



Workstation



Professional

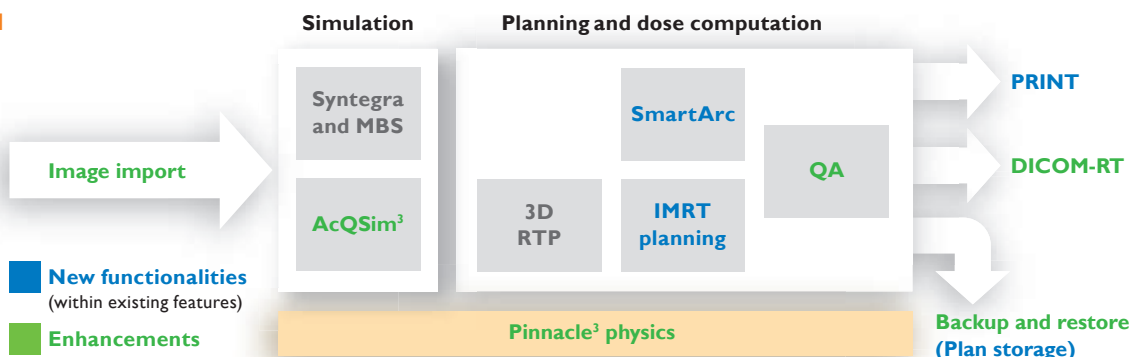


SmartEnterprise

Enhance your planning experience with Pinnacle<sup>3</sup> 9.2 on the latest hardware platforms

## Changes to Pinnacle<sup>3</sup> 9.2

Enhance accuracy and streamline workflow



Enhancements and changes – Pinnacle<sup>3</sup> 9 to Pinnacle<sup>3</sup> 9.2

TrueBeam is a trademark of Varian.  
Beam Modulator is a trademark of Elekta.  
Novalis Tx is a trademark of BrainLab.

[Pinnacle\\_updates@philips.com](mailto:Pinnacle_updates@philips.com) allows users to request an update.  
[Pros.support@philips.com](mailto:Pros.support@philips.com) allows users to ask questions such as the status of their upgrade.

Please visit [www.philips.com/radiationoncology](http://www.philips.com/radiationoncology)



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[www.philips.com/healthcare](http://www.philips.com/healthcare)  
[healthcare@philips.com](mailto:healthcare@philips.com)

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