Radformation Demo (3-2022)

Radformation offers two RayStation solutions: ClearCalc and AutoContour. We received a sales call on 3/14/2022, and I requested packets. We may have a Web demo to compare ClearCalc with Mobius, and AutoContour with RayStation auto-segmentation.

# Sales call

## Questions

**Q:** How does ClearCalc compare to Mobius?

**A:** ClearCalc tries several calc points instead of always choosing the iso. It allows the user to choose the calc point. Mobius always uses the point specified in the DICOM. In RayStation, this is the loc point or DSP.

**Q:** Does AutoContour include the brachial plexus?

**A:** Yes, and customers are very pleased with the results so far.

## Other info

AutoContour includes over 90 structure models, including neck nodes. Accuracy tends over 90 percent.

# Demo

## Questions

**Q:** Based on previous experience with Pinnacle auto-segmentation, one of us is concerned that it will take longer to correct auto-segmented structures than to either manually contour them or use atlas-based segmentations with manual corrections. Do you have some hard numbers comparing AutoContour’s speed and accuracy to other AI auto-segmentation tools?

**A:**

**Q:** Is ClearCalc accessible from the browser? The packet says it’s an EXE.

**Q:** We are very interested in logfile-based, phantomless PSQA. Since we already have Mobius3D, we’re considering MobiusFX. Regardless of software, our main bottleneck is the license to access Elekta logfiles. This is probably completely outside Radformation’s purview, but does ClearCalc have any logistical advantages over MobiusFX for clinics that don’t use Eclipse? Other differences between ClearCalc and MobiusFX for PSQA?

**A:**

**Q:** Does ClearCalc support in-vivo PSQA?

**A:**

**Q:** ClearCalc works with Accuray. This includes Radixact, right? We’re soon replacing our TomoTherapy unit.

**A:**

**Q:** How does ClearCalc detect the type of plan? Mobius matches plan name, MD, etc.

**A:**

**Q:** Mobius uses collapsed cone convolution/superposition (CCCS) algorithm. This is what we use in RayStation. ClearCalc uses a finite-sized pencil beam (FSPB) algo. Why would we want a secondary calc algo different from the TPS one?

**A:**

**Q:** Specific diode support with PSQA? Might be a way to troubleshoot the issue with the random unexpectedly high diode dose on E1.

**A:**

**Q:** Are AutoContour structure names TG-263 compliant? How did you determine naming conventions for planning structures? These should be included in an upcoming update to TG-263.

**A:**

**Q:** Can AutoContour automatically receive images from sim and/or send contours to RayStation? We have enough issues sending stuff among our various vendors!

**A:**

**Q:** Does Radformation have any concrete plans to integrate with RayStation beyond supporting its DICOM files? IOW, anything for RayStation that isn’t also for other non-Eclipse TPSs?

**A:**