Astroid Planning Release Notes

Version: 2.0.0
Date: Thu, Jul 6, 2017

The first official release candidate build of the Astroid Planning App is now available. It is recommended that all users start with a fresh clean bucket for testing with this version.

The following changes (since 2.0.0-beta3i) are part of this release:

- Fixed potential errors when a structure with no voxels is assigned a constraint/objective
- Fixed bug where dose would not display in history view
- "Delete" now changed to "Archive" to better reflect actual behavior of patient record removal
- "Open Patient" button during import is fixed
- Aperture mill tool radius moved to machine settings
- Fraction Group type added to summary UI (e.g. IMPT / SFO)
- Snout extension value now shown in AirGap block
- Prescriptions are now cumulative when computing the default 100% dose level
- Default DRR opacity is now 50%
- Right Side structure opacity sliders & values condensed to single line
- Beam target is now highlighted when editing the beam
- Solver and optimizer iteration limits increased to 4 billion (formerly 2 billion)
- Solver and optimizer intelligent stopping options are now separate
- Dose image data size reduced (values converted from 64 bit float to 32 bit float)
- Patient Model DICOM header data updated
- Option for auto-computing all dose scopes added to right side dose options menu
- BEV per layer view implemented (energy banded structure view added and layer scrolling via mouse wheel)
- Minimum target margin option added to aperture generation block
- Spot placement defaults and culling distance are now machine settings
- Treatment room selection now supports multiple machines
- Deletion of last prescription is prevented if plan exist for the course
- Fixed a bug in the computed mean dose values when structures have varying voxel sizes
- Can now assign to "matched" structures during import if the matched structure is deselected
- Warnings added to show that a plan does not implement the complete prescription
- MCO slider performance improved
- Max dose "jump to" temporarily removed due to performance issue (this will return in the future)
- Non-clinical test features removed (Plan/Dose Export buttons in Navigation block & edit MRN option)

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