

Astroid Planning Release Notes

Version: 3.0.0

Date: Oct 3, 2019

The release version build of the Astroid Planning App version 3.0.0 is now available. The ResultsAPI function signatures and types were updated in this release, see below. This release includes the following changes since the previous release:

- **Added support for SOBP treatment planning including: beams and devices, beam delivery, site configurations and default**
 - Major refactor to PBS functions, code, and data model to support the addition of SOBP beams. However, no changes to functionality are included.
- **Updated the Results API to version 3 to support new SOBP functionality and types.**
Refer to http://docs.apps.dotdecimal.com/planning_results_api/versions/v3/ for the new Results API spec
- Fixed dose legend overlay displaying the incorrect relative dose when Rx has been overridden
- Fixed right hand side visibility toggles not toggling on/off objects in the Beam's Eye View (devices, snouts, drrs, etc)
- Added 'directive_rx_fraction_count' to the Results API prescription_summary to capture the required number of fractions in the prescription defined in the treatment course
 - This supplements the existing 'fraction_count' field in the prescription summary which is the number of fractions the individual treatment plan implements (can be partial of the course prescription)
- Updated DICOM structure sets generated by the ResultsAPI to include the ROI type for each structure
- Improved META request calculation size by more efficiently using the CT image slice list by reference
- Added D95 to dose statistics metrics

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