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HERMIES

TPS QA

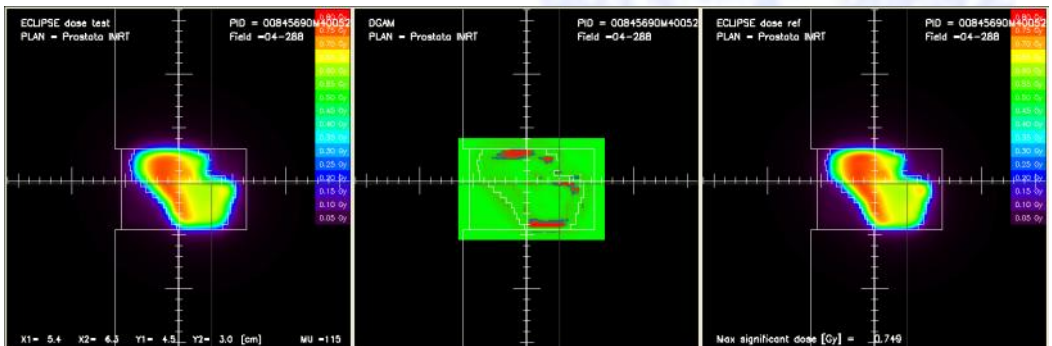




TPS Algorithm Performance Evaluation

Module Hermes supports treatment planning system algorithm performance evaluation. Quantitative comparison of calculated 2D dose matrices provides independent information about results calculated with different calculation options. Further use cases include TPS quality assurance testing by comparing calculation result with the reference dose matrix and analysis of the results obtained by different calculation algorithms, e.g. PBC vs. AAA.

1. Example of calculation matrix influence - comparison of the AAA algorithm results for calculation matrix 2.5 (right) vs. 5 mm (left).



2. Example of calculation algorithm influence - comparison of the AAA algorithm results (right) and PBC algorithm (left).

