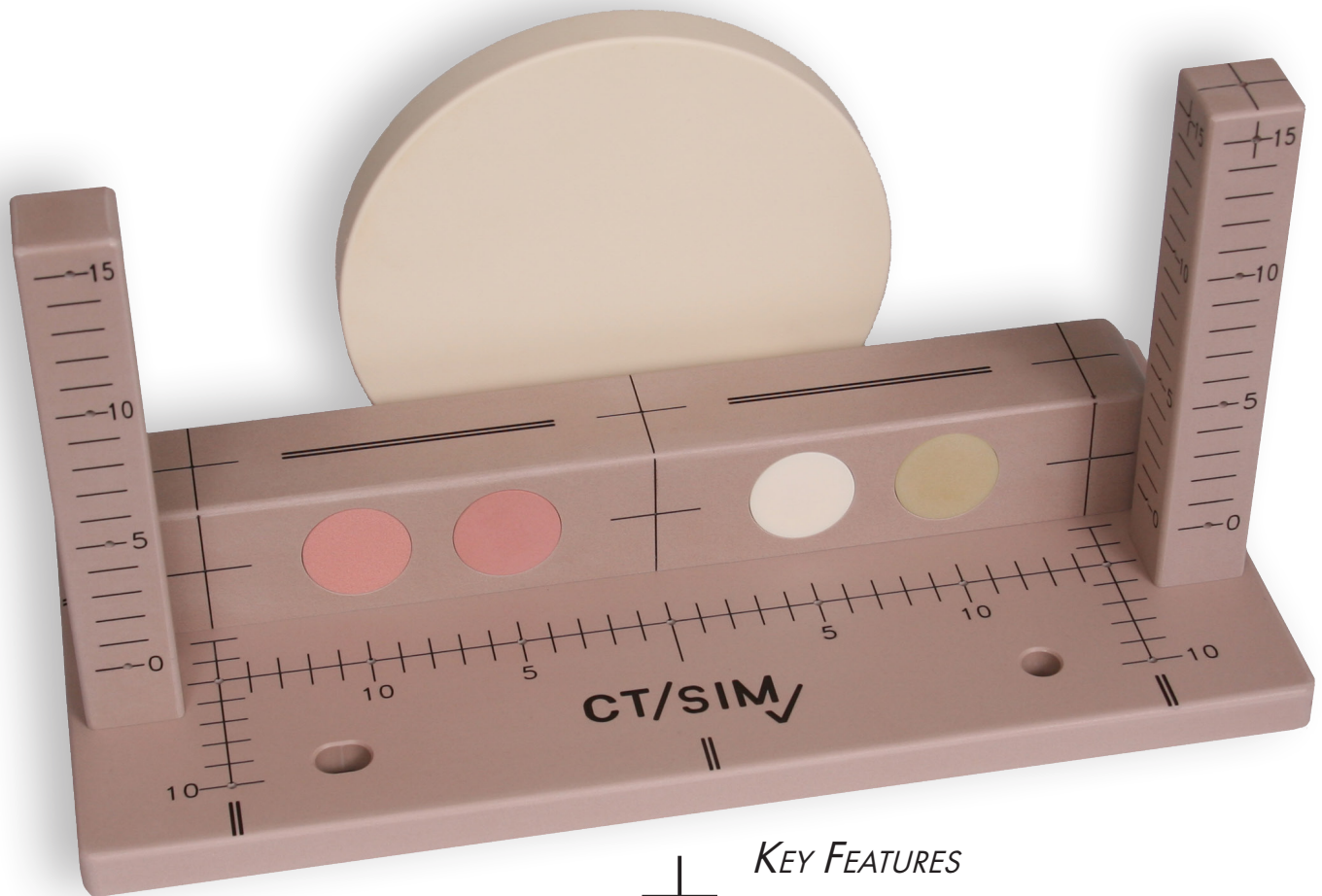


# DAILY SIM CHECK

# CT/SIM<sup>TM</sup>



The IMT **CT/SIM**, developed with our clinical partners, was designed with simplicity and ergonomics in mind while providing a broad range of Daily QA Procedures for compliance with TG 66 CT SIM Protocols.

This daily tool is light-weight, reproducible and efficient. The **CT/SIM** fulfills a multitude of tests necessary for daily evaluation of the CT SIM performance.

The range of tests include: Constancy checks for HU, volume uniformity, laser alignment in three axes, image orientation display, geometric scaling and isocenter laser localization. These tests provide the clinician with daily metrics, acceptance of use, and long-term trending analysis.

## KEY FEATURES

- EASE OF USE. LOCATES ON COUCH INDEX BAR FOR REPRODUCIBLE ORTHOGONAL SETUP
- VERIFIES SIM LASER PLANE TO SCAN PLANE OFFSET
- IMAGE UNIFORMITY CHECK
- HU CONSTANCY CHECK
- GEOMETRIC CONSTANCY CHECK
- IMAGE ORIENTATION VERIFICATION
- SLICE THICKNESS VERIFICATION
- ISOCENTER/LASER LOCALIZATION VERIFICATION

# IMT

# ORION FRANCE

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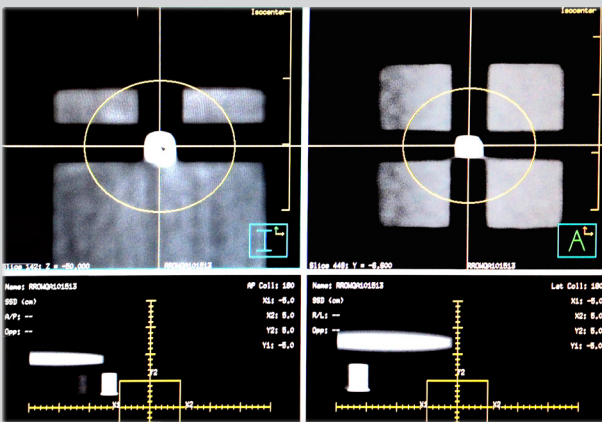
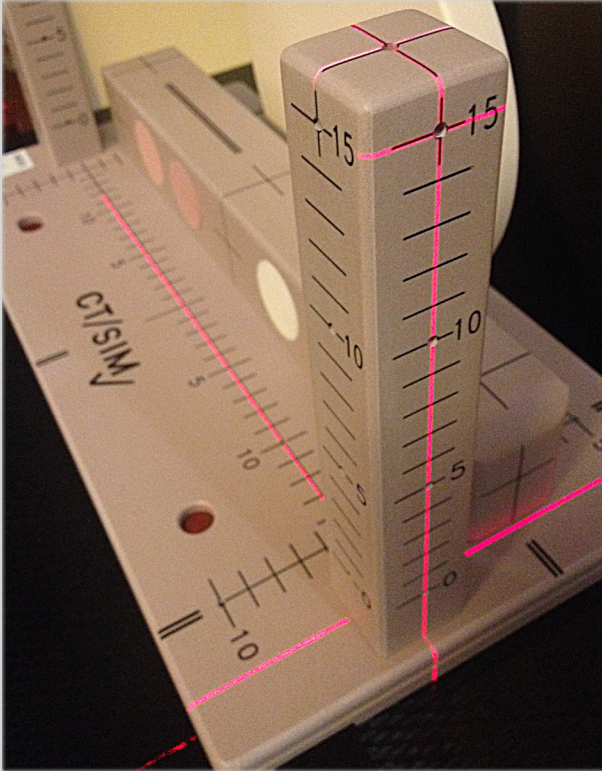
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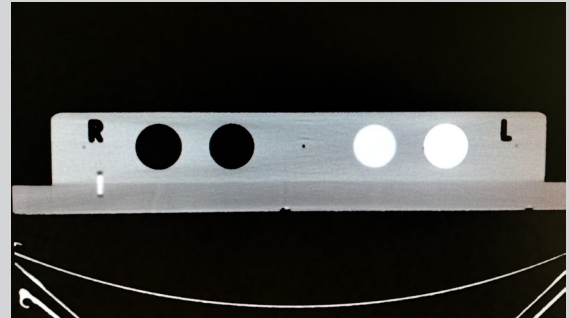
# DAILY SIM CHECK



## SIM/LASER ISOCENTER COINCIDENCE TEST



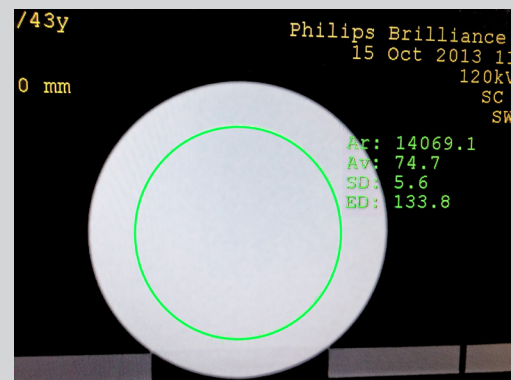
## IMAGE ORIENTATION VERIFICATION



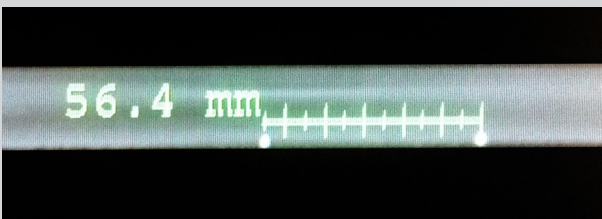
## HU CONSTANCY CHECK



## UNIFORMITY TEST



## SLICE THICKNESS VERIFICATION



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