

Field Light Coincidence Utilizing CR Technology

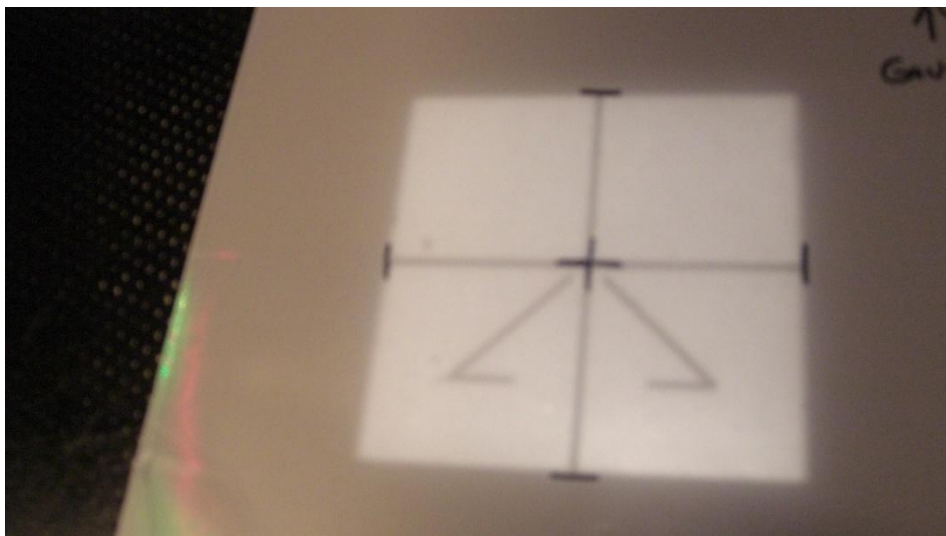
The resulting scan allows you to check the following:

- Coincidence of light field to radiation field
- Vertical and lateral laser to field alignment
- Verification of correct ODI setting at time of test
- Gantry orientation in relation to field

PROCEDURE

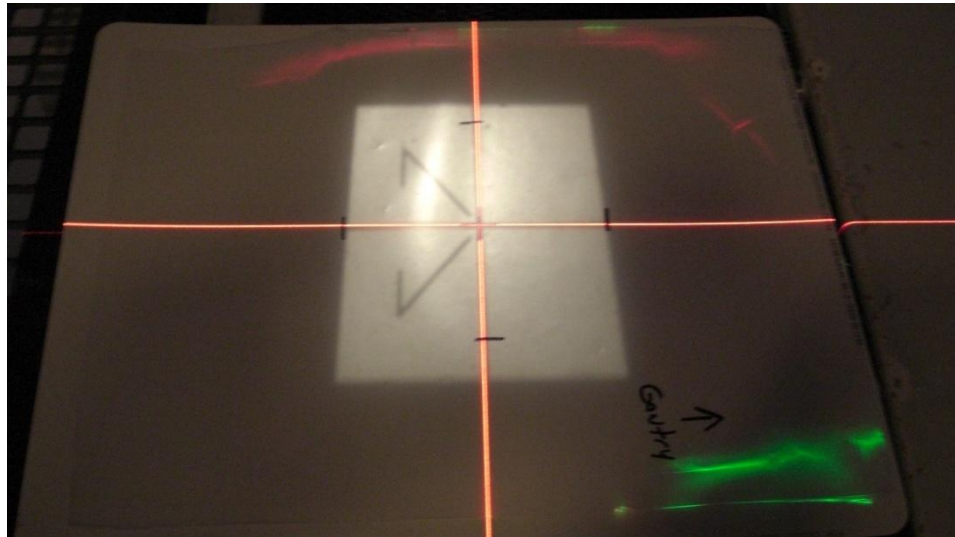
1. Place a 24 X 30 cm phosphor plate on the treatment table (*Do not use black bag*)
2. Set ODI to 100cm at plate surface.
3. Cover plate with a thin piece of plastic transparency.
4. Secure plastic to table being careful not to stick tape to phosphor plate.
5. Turn Field Light on and adjust to 10cmX10cm.
6. Outline field edges and center with sharpie marker.
7. Draw an arrow indicating Gantry position.
8. Mark red lasers on the edge of the cellophane.

EXAMPLE



9. Irradiate a 10x10cm field with 40MU
10. Open jaws to 12X12cm and deliver an additional 5MU
11. Before removing the phosphor plate, turn the lights off and let the red lasers lay across the plate for a few seconds. This will erase that dose to the plate in this area creating an image of the lasers on the scanned plate.
12. To display your ODI at central axis on the final image, turn ODI on when room lights are off.

EXAMPLE



13. Place phosphor plate in black bag to protect it from light exposure and proceed to the 2000RT System.
14. Create a patient called "Physics" and scan the Plate using MV Scan button.