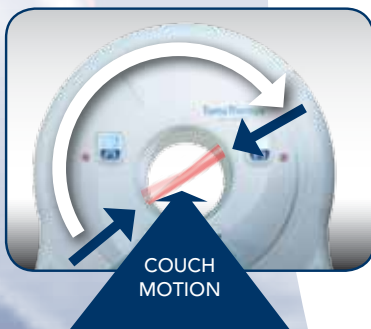
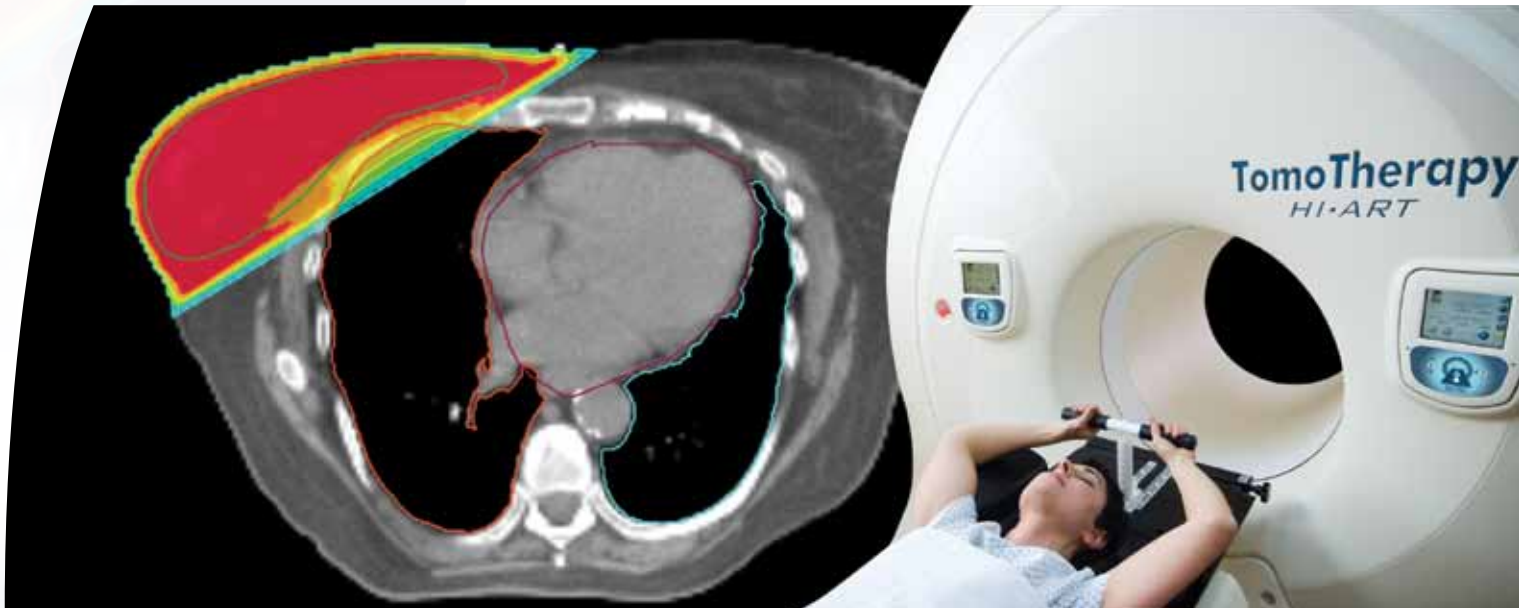


TomoDirect™

Discrete-angle delivery with continuous couch motion

TomoDirect™ is a non-rotational treatment option for the TomoTherapy® platform. It was developed as a clinical complement to the TomoHelical™ delivery mode, and allows users to plan and treat routine cases with greater efficiency, while maintaining the quality of TomoTherapy's unique beamlet-based delivery.



Two tangential fan-beams used to achieve dose distribution shown above

Applying platform power for patient throughput

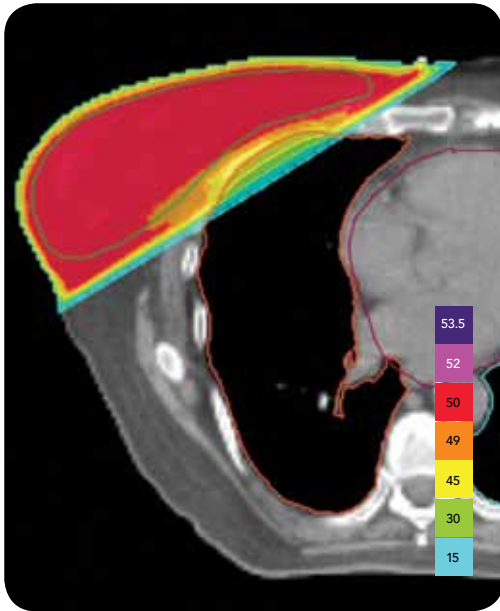
With the *TomoDirect* mode, the user can simply:

- apply up to 12 discrete angles to single or multiple targets for optimal coverage;
- define a modulation level, or opt for tissue-compensated 3D conformal delivery;
- complete treatment planning quickly with all the power of the *TomoTherapy* computing platform applied to a small number of beams; and
- deliver all beams for each target, sequentially, with a single turn of the operator console key.

As with the *TomoHelical* mode, the treatment couch passes through the bore of the system during a *TomoDirect* delivery. This makes it possible for users to treat target volumes up to 135 cm in length for typical patient set-up, with no need to reposition the patient and no field junctioning required.

A direct response to customer requests

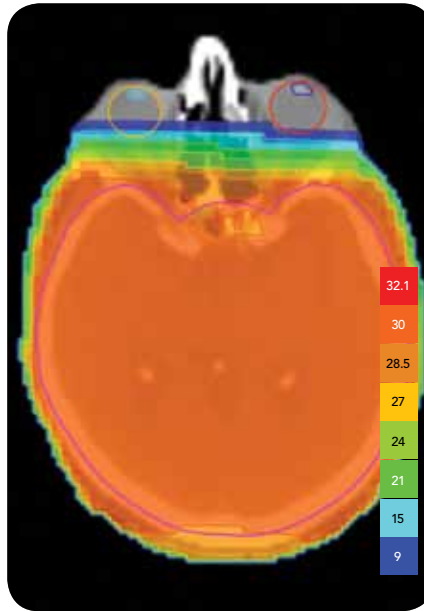
TomoTherapy is focused on helping cancer centers deliver the highest-quality radiation therapy to every patient who walks through the door. To fulfill this mission, we continually seek the input of existing and prospective customers to tell us what they need most from our advanced radiation therapy platform. The *TomoDirect* delivery mode addresses a number of these critical needs.



TomoDirect technology facilitates breast treatments with a familiar “tangent-like” dose distribution that can be quickly planned and delivered.

Right breast tangential delivery

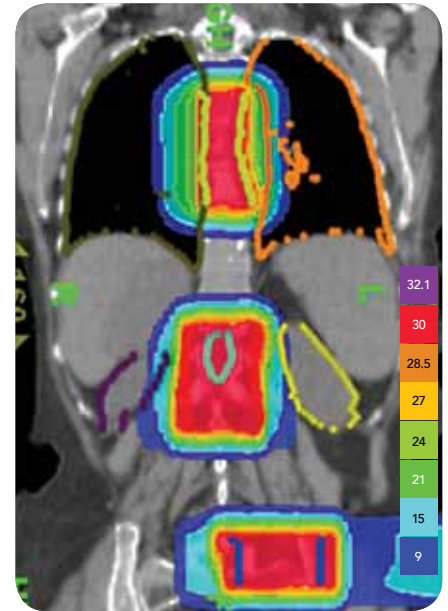
- Two tangential beams
- Planning time: ~ 10 minutes
- Treatment delivery time: ~ 2.5 minutes



TomoDirect technology provides innovative, yet simple planning and treatment delivery efficiencies for routine cases.

Whole brain treatment delivery

- Right and left lateral beams
- Planning time: ~ 10 minutes
- Treatment delivery time: ~ 2.2 minutes



TomoDirect technology brings gold-standard quality and workflow efficiency to fixed-gantry-angle treatments.

Three metastatic sites

- 11 treatment beams
- Planning time: ~ 10 minutes
- Treatment delivery time: ~ 10 minutes
- Automated delivery
- No shifting of the patient between sites
- No field junctioning

The *TomoDirect* delivery mode is included as standard on the TomoHD™ treatment system, and is available as an option on the Hi-Art® treatment system.

TomoTherapy Inc. reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.

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