GREATER TARGET ACCURACY IN IMAGE-GUIDED THERAPY

At Best NOMOS, we see the need for greater precision in tumor localization before the delivery of radiation therapy. We answer with new BAT® technology. BATCAM™ Multi-probe, with optical camera and ultrasound probe combined with ImageSync™, provides a superior way to view and target internal structures. You get greater target accuracy during patient positioning and enhanced confidence in safely increasing the dose during treatment. BATCAM Multi-probe integrates easily into your existing operation without causing disruption to your throughput, so patients are treated and released more quickly. It is engineered to be user-friendly, backed by hands-on training and on-site support.

BATCAM MULTI-PROBE — AT A GLANCE

Increased functionality for multiple clinical applications
The new BATCAM Multi-probe increases functionality of the Best NOMOS ultrasound image guidance system with the addition of a Bi-planar Rectal Probe and Small Parts Probe. New applications for the BATCAM Multi-probe include imaging for lumpectomy cavities (APBI), as well as organs such as the prostate (for brachytherapy and volume studies), liver and pancreas. Visualization options include 3D Structure Set and integrated Color Doppler displays.

Real-time tracking from any angle
Track an ultrasound probe location from any angle, any rotation or translation plane, and in real time.

ImageSync tops single-plane imaging on quality and time
Scan and align in one step with the touch of a finger. ImageSync aligns the structure set with premium, real-time images in a matter of seconds.

Convenient multiple-cart networking
Our sophisticated software supports networking between multiple carts, auto updates of patient studies and pre- and post-review of image alignment.

Multi-room versatility
BATCAM is battery-enabled for cordless transport between treatment rooms and offers exceptional mobility with wheel castor assemblies for easy maneuvering and storage.

Easy-to-read, superior quality images
Greater image uniformity and tissue contrast resolution with 128-element ultrasound probe.

Enhanced positioning accuracy in less time
Integrates easily into your patient care process and provides information necessary for accurate positioning in just minutes.

Hands-on training and on-site support
Comprehensive services include hands-on training and follow-up reviews.
EXCLUSIVE FEATURES

MULTI-DIRECTIONAL IMAGING
Multi-directional probe partners with optical camera to provide superior imaging efficiency.

MULTIPLE-ROOM FLEXIBILITY
Battery-enabled, lightweight cart is completely mobile for use in multiple rooms.

COMPATIBLE WITH YOUR CURRENT EQUIPMENT
System can be used with all linear accelerators and the majority of treatment planning systems that export DICOM RT and/or RTOG files.

PROVIDES A ROAD MAP TO YOUR TARGET
Allows you to identify planes of intersection, providing a road map for accurate placement of fields.

GREATER IMAGE RESOLUTION FOR MORE CLINICAL INFORMATION

BAT uses the latest compact ultrasound technology to provide increased sensitivity and resolution that yield more clinical information and expanded applications. Plus, it provides the ability to orient the probe in any rotation or translation position.

The ultrasound probe works in conjunction with an optical camera mounted in the ceiling or wall of the treatment facility. This high performance technology provides superior images with greater uniformity and tissue contrast resolution.
ADVANCED & AFFORDABLE BAT FEATURES

**Accepts imported treatment plans**
Using RTOG and DICOM RT export formats, BAT accepts imported treatment plans from all major treatment planning systems.

**Enhanced positioning precision**
Position patients with precision using triangulated positioning techniques.

**ImageSync interactive alignment adds safety**
With ImageSync, the radiation therapist can scan and view hundreds of real-time images, capture the information on screen and compare it to its treatment plan counterpart.

**Accurate patient repositioning**
The treatment couch can be repositioned accurately to compensate for organ movement and patient set-up error.

**Position verification ensures accuracy**
Proper patient alignment is ensured by capturing verification images. This is an important function in the treatment process not provided by other image-guided radiotherapy providers.

**Deliver treatment with confidence**
With the patient properly positioned, the radiation therapist can accurately deliver treatment.
IMAGESYNC — SUPERIOR IMAGING WITH TOUCH-SCREEN EFFICIENCY

ImageSync makes BATCAM Multi-probe the most advanced localization system available. The technology allows the user to cycle through hundreds of anatomical planes from not only the axial and sagittal angles, but also all rotation and translation planes. The corresponding treatment plan renderings cycle along with these images. This real-time interactive display provides a more complete picture of the internal structures.

STATIC IMAGING DOES NOT COMPARE

3D reconstructed imaging with image plane selection is a multi-step procedure that limits the user to a file that is considered “history.” ImageSync provides not only real-time imaging and alignment, but also a process that permits the user to complete a volumetric alignment in a matter of seconds, increasing throughput.

USER-FRIENDLY SOFTWARE COMPONENTS

Designed with the user in mind, the system features a touch-screen interface. All studies are available for remote physician viewing and analysis. And software is updated frequently, so you get new features without purchasing a new system.

You get real-time imaging and alignment in one step, across an entire target volume with our touch-sensitive screen. The user can view the structure display in a 2D or 3D mode for easy target identification and then “virtually” position a treatment plan to match patient anatomy with the touch of a finger.

REVIEW PRE- AND POST-ALIGNMENT VIEWS, EVEN REMOTELY

Scan through hundreds of images showing both organs and pathologies. The patient treatment plan can then be compared with current organ position to bring the two into alignment. The system module supports remote review of all studies, providing pre- and post-alignment views and measurement tools.

HIGHLIGHT TARGETS WITH ADJUSTABLE ULTRASOUND CONFIGURATION

Adjustable settings for contrast, depth, focus, brightness and time gain control (TGC) for optimum visual acuity. Customize presets for other target sites of interest.

ARCHIVE AND MANAGE PATIENT STUDIES EASILY

Archive and edit patient studies and perform general management of patient alignments.
OUR SERVICE IS AS TRUSTWORTHY AS OUR PRODUCTS

We are committed to providing the highest level of customer training and support to ensure your practice runs smoothly without disruption to patient throughput.

SPECIALISTS ON CALL

Our specialists are on call Monday through Friday, 8 am to 5 pm EST. After-hours support is available via a paging system.

DEDICATED TO PROVIDING TREATMENT OPTIONS

At Best® NOMOS®, everything we do is designed to provide targeted, accurate and effective treatment for patients who are fighting cancer. By making our advanced technology available and affordable, we are helping more oncologists and clinicians treat more patients at more locations than ever before.

Best® NOMOS® is a member of TeamBest™ – a family of Best® Medical companies.

From brachytherapy seeds and equipment, dosimetry kits, phantoms, treatment planning systems, an array of medical/health physics equipment, and product remanufacturing/servicing, to radioactive sources, gamma teletherapy machines, cyclotron systems, and particle therapy treatment, TeamBest™ has it all!

Check out each company’s site at www.teambest.com

Best® NOMOS®

1 Best Drive Pittsburgh, PA 15202 USA
Tel: 412 312 6700 800 70 NOMOS
Fax: 412 312 6701 www.nomos.com

Best® medical international

7643 Fullerton Road Springfield, VA 22153 USA
Tel: 703 451 2378 800 336 4970
Fax: 703 451 5228 www.teambest.com

BN/MB BATCAM – MSF-0005 (R1) v.06.2016