

Best **nomos**[®]
healthcare for everyone



BATCAM™ Multi-probe
IMAGE-GUIDED
RADIATION THERAPY

Your Single Source Oncology Solutions Provider *Plan. Target. Treat.*

At Best® nomos® we design products and solutions that help medical professionals treat a variety of cancers. Our products are used extensively to accurately plan, target, and deliver radiation treatments to patients all around the world. We are best known for our innovations in IMRT and IGRT, having delivered the first commercial IMRT system, the PEACOCK® in 1992. As one of the newest members of the Best family of companies, we are excited to expand our product offerings beyond IMRT and IGRT. Our aim is to be the Single Source Oncology Solutions provider of choice for our customers. We can now offer our customers a wide array of best in class products used in brachytherapy as well as external beam radiation. It is through our commitment to our customers that we will succeed in our mission to provide *healthcare for everyone*.

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. And it's engineered to be user-friendly, backed by hands-on training and on-site support. Part of our new nVISION™ Series, BATCAM Multi-probe serves as the launch for multi-probe capability, coupled with real-time patient navigation.

BATCAM MULTIPROBE – 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 the on-site placement of an applications specialist and an ultrasonographer for support. We also provide 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.



Prostate – Axial View



Prostate – Sagittal View



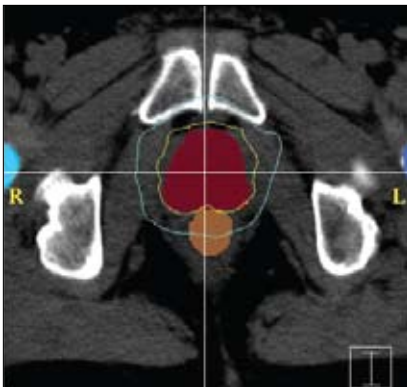
Optical Camera



Ultrasound Probe

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 DOESN'T 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.

CONVENIENT ON-SITE TRAINING

Our applications specialist is on location with you for a day and a half of installation and two and a half days of BAT IGRT training.

ON-SITE ULTRASONOGRAPHER GIVES EXTRA STAFF SUPPORT

An ultrasonographer will spend two days on site for additional training that includes:

- A review of ultrasound techniques with therapists, physicists and physician's staff.
- Critique of past aligned images.
- Instruction for radiation therapists using ultrasound images with on-treatment patients.
- Upon request, ultrasonographer will demonstrate advanced techniques for liver, pancreas, breast, uterus, cervix and bladder.

SPECIALISTS ON CALL

Our specialists are on call Monday through Friday, 8 am to 6 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're helping more oncologists and clinicians treat more patients at more locations than ever before.

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