HOLOGIC products available from ALKO Enterprises, Inc.
Click on item to be viewed.

**Skeletal Health**
- Bone Densitometry
- Extremity MRI
- Mini C-arm

**Interventional Breast Solutions**

**Stereotactic Breast Biopsy**
- MultiCare Prone Biopsy
- StereoLoc II Upright Biopsy
- Eviva System
- Consoles
- ATEC
  - Consoles
  - Handpieces
- Biopsy Site Identifiers
- Kits and Drapes

**MRI Breast Biopsy**
- ATEC
  - Consoles
  - Handpieces
- Biopsy Site Identifiers
- ILS Kits

**Women's Imaging**
- Selenia Dimensions Digital Mammography
- Selenia Digital Mammography
- Selenia S Digital Mammography
- Film Screen Mammography
- SecurView Diagnostic Workstations
- R2 ImageChecker Digital CAD
- Quantra - Volumetric Assessment

**Breast Ultrasound**
- aixplorer

- ATEC
  - Consoles
  - Handpieces
- ATEC Biopsy Site Identifiers
- Celero Breast Biopsy
The Hologic Fluoroscan™ InSight mini C-arm answers the needs of orthopedic surgeons for precision and versatility in extremity surgery. InSight combines tremendous maneuverability, ultra-fine fluoroscopy images, and automated adjustments that deliver the optimum image every time, for every patient. No other mini C-arm conforms this perfectly to individual patients, physicians and procedures.

Hologic continues to set the bar for high quality fluoroscopy imaging with the smallest x-ray focal point in the industry.

The advanced degree of automation incorporated into the InSight mini C-arm means surgeons can stay focused on procedures, rather than instrumentation and adjustments.

Unprecedented Flexibility for Comfort and Ease of Visualization

The demands of extremity surgery are varied. No matter how challenging the body part or the complexity in the positioning, InSight will accommodate your needs with extraordinary flexibility.

The InSight's lightweight, flat screen monitor can be rotated and positioned with effortless ease. The imaging C-arm moves with unprecedented maneuverability and easily allows you to get the precise angles that you need.

The result is greater comfort for you and your patients and improved visualization in all types of extremity surgeries.
Extremity MRI Imaging

With the rise of musculoskeletal injuries, the services of orthopedic specialists are in high demand. MRI has been proven to be one of their most valuable diagnostic tools, but referring patients to a traditional MRI center can result in long wait times and can delay patient treatment. With the Opera extremity MRI solution, you get faster answers for intervention and treatment as well as valued convenience and comfort for your patients. By offering open MRI right in your office, you are ensuring your patients have the highest quality of care with same day diagnosis and earlier treatment.

Opera E-MRI features a complete range of acquisition techniques and real-time positioning flexibility so you can perform high quality scans more accurately and efficiently. With an immediate return on investment of less than two studies per day, the Opera extremity MRI system is the choice for image clarity, speed, connectivity, versatility and more.

The C-Scan™ extremity MRI system is the ideal solution for your practice. This dedicated extremity MRI system is the most cost effective system available without compromising image quality. The C-Scan brings many benefits to you and your patients.

• Immediate, high quality full field-of-view imaging expedites diagnosis and treatment
• Compact design that can be easily installed into virtually any office or practice
• Preprogrammed protocols that simplify and speed up examination procedures
• Full connectivity and user friendly interface
• Large field of view gives you the ability to scan an entire joint in one acquisition
Discovery™ is the single platform you need to support a broad spectrum of patients over a lifetime of care. It allows you to assess not only vertebral fractures, but also provides visualization of abdominal aortic calcifications with a single scan. By providing you the best diagnostic tools to support the early detection and treatment of osteoporosis, Discovery offers the most comprehensive platform for complete bone health assessment, obesity and more - now and in the future.

Unparalleled precision and accuracy
Hologic pioneered the integration of bone mineral density (BMD) measurement with Instant Vertebral Assessment™ (IVA) allowing point-of-care assessment of the two most definitive factors associated with osteoporotic fracture risk: low bone mineral density and the presence of vertebral fracture. Discovery gives you greater insight, with exceptional accuracy, into hip biomechanical strength, and identifying patients at risk for osteoporosis and vertebral fractures.

Discovery helps you build strong relationships with your patients, by providing the best tool for overall management of their health for osteoporosis, abdominal aortic calcifications, vertebral fractures, obesity and more.

With the Sahara® bone sonometer, there's finally an ultrasound modality for bone assessment that is simple, convenient and practical for the office-based physician. Ultrasound bone sonometry is a safe, radiation-free modality that provides precise quantitative assessment of skeletal status, useful in identifying patients at risk of developing osteoporosis and for assessing their risk of future fracture.

Now you can add bone-testing capabilities to your private practice or clinic with the portable, easy-to-use Sahara clinical bone sonometer. In less than a minute, you can estimate a patient’s bone mineral density, based on an ultrasound measurement of the calcaneus (heel bone), the preferred peripheral site proven in numerous studies to predict fracture risk.

Discovery   Densitometer

Sahara Sonometer
Selenia Dimensions 2D Full-Field Digital Mammography

Breast Imaging for Today and Beyond

At Hologic, our mission is to continually push the boundaries of imaging technology, giving you greater power to detect subtle breast tissue changes, ultimately enhancing your ability to detect breast cancer early. The Selenia® Dimensions™ 2D full-field digital mammography system, the newest addition to our family of breast imaging solutions, offers the superior image quality you have come to expect from Hologic and can be configured for 3D breast imaging when and if breast tomosynthesis is approved by the FDA.

The Selenia Dimensions 2D system is the ideal choice for centers that want a flexible digital breast imaging platform with state-of-the-art image acquisition and display features.

Selenia Dimensions 2D delivers:
- Image acquisition and simultaneous display of priors integrated into one intuitive acquisition workstation
- An ergonomic gantry and acquisition workstation designed with productivity and simplicity in mind
- An advanced selenium direct capture detector with a fast cycle time for excellent image quality and more efficient workflow
- A flexible platform that can be configured for 3D breast imaging when and if breast tomosynthesis is approved by the FDA
Breast Tomosynthesis

Hologic has been at the forefront of the industry's transformation from analog to digital mammography. Now we have taken another significant leap forward with the introduction of Selenia® Dimensions®, the first commercially available tool to deliver on the extraordinary promise of breast tomosynthesis.

This newest addition to Hologic's family of breast imaging solutions delivers the exceptional digital breast images you've come to expect from Hologic and takes you to the next level in breast imaging technology. For the first time ever, you can offer your patients breast tomosynthesis - an extraordinary innovation poised to revolutionize how breast cancer is detected today.

Our flexible Selenia Dimensions platform may be tailored to your needs, allowing you to start with a system that has both traditional digital mammography and breast tomosynthesis or with a digital mammography only system that can easily be configured for tomosynthesis imaging with a simple software installation.

Selenia Dimensions delivers:

• Exceptionally sharp images for visualization of the finest details.  
• Ground-breaking tomosynthesis (3D) technology for diagnostic performance with optimal workflow efficiencies.  
• One-touch control for seamless, instantaneous transition between imaging modes:
  ◦ full-field digital mammography (2D imaging)  
  ◦ tomosynthesis (3D imaging)  
  ◦ or "combo-mode" imaging (2D+3D imaging), Hologic's unique feature that quickly acquires a traditional digital mammogram and a tomosynthesis scan in the same compression.1
  ◦ Advanced user tools to simplify operation and enable higher patient throughput.  
  ◦ Sophisticated, ergonomic features specifically developed to assure the well-being of the patient.

1 A screening exam consists of a digital mammogram and breast tomosynthesis image set.
Image quality is the key to early detection. That's why we invest millions of dollars each year in research and development to push the boundaries of imaging technology and why the industry has come to expect the best image quality from Hologic.

• Selenia® uses selenium based direct capture technology. This eliminates light diffusion completely for perfect clarity and exquisite image quality.

• Selenia incorporates our patented HTC® grid technology that delivers higher contrast images by significantly reducing radiation scatter without increasing dose.

• A tungsten x-ray tube with rhodium and silver filters reduces radiation dose to the patient while maintaining the superb image quality and contrast of Selenia images.

• The Selenia acquisition workstation features a thoughtful user interface, and intuitive display screens giving you more time to focus on the patient. Every Selenia image you see is enhanced with intelligent processing.

The Selenia full-field digital mammography system provides exceptional image quality and improves the efficiency of exams, ultimately giving you the ability to increase patient throughput.
Every facility - from large hospitals to screening clinics and physicians' offices - should be able to provide its screening mammography patients with the latest imaging technology. As a screening-only system, Selenia® S® lets you offer the benefits of digital mammography at a substantial savings compared to equipment with full screening and diagnostic capabilities. Selenia S provides an economical solution, so you don't have to compromise on either image quality or the enhanced workflow available exclusively with traditional full field digital mammography.

The field of healthcare is constantly changing, and we know how important it is for your facility to stay ahead of the curve. The last thing you want is to outgrow your equipment before you've realized a return on your investment. With Selenia S, there's no need to worry about changes your facility will make down the road. As your platform for the future, the system can grow with your practice and be transformed to include all diagnostic tools available.

With a cost-effective upgrade pathway, Selenia S can be converted to a full screening and diagnostic system for maximum utilization of the mammography suite. The upgrade can be accomplished in the field with minimal downtime, allowing you to maximize the capabilities of your facility and realize a quicker return on your digital investment.
Aixplorer Breast Ultrasound

Through an exclusive partnership with SuperSonic Imagine we now offer you Aixplorer®, a next-generation ultrasound system.

Image Quality and Innovation
Aixplorer offers fundamental improvements over traditional ultrasound imaging. The system has features that enhance conspicuity, increase lateral and contrast resolution and provide better delineation of structures. The result is superior B-mode image clarity that improves lesion characterization and increases confidence in the diagnostic process.

Aixplorer uses SonicSoftware™, a unique architecture that shifts ultrasound processing from hardware to software, to enhance speed, accuracy and flexibility. SonicSoftware enables UltraFast Imaging that can transfer information at supersonic speeds - up to 200 times faster than conventional ultrasound.

Ease of Use and Ergonomics
Aixplorer features an intuitive and ergonomic design for comfort and ease of use. The lightweight system is easy to maneuver and a small footprint allows you to get closer to your patients. The unique 10-inch interactive touch-screen puts access to patient data entry, applications and preset selections at your fingertips. Aixplorer also integrates the ACR-approved BI-RADS® reporting tool to improve reporting workflow.
The M-IV

The M-IV™ screen-film series exemplifies Hologic's commitment to developing advanced imaging technologies that promote the early detection of breast cancer. Designed to provide superior imaging, enhanced operating efficiency and maximum patient comfort, the M-IV Series is the gold standard in screen-film mammography. This high performance platform provides a comprehensive package of features to help busy practices perform at peak efficiency.

Hologic is focused on providing the latest innovative solutions to improve mammographic image quality.

- **HTC® grid** - High Transmission Cellular Grid provides higher contrast images
- **Bi-angular X-ray Tube** - Custom designed high performance tube for enhanced magnification views
- **FAST Paddle™** - Exclusive fully automated self-adjusting tilt paddle, for more uniform compression
- **3-Cell, 7 Position AEC Sensor** - Unique automatic exposure control for more precise technique selection

And best of all, the M-IV Series offers the industry's most comprehensive upgrade path from screening mammography to stereotactic breast biopsy and digital breast imaging.
SecurView Diagnostic Workstations

SecurView™ DX is a powerful diagnostic workstation for the digital mammography suite. SecurView DX provides flexible, intuitive image review capabilities that are tailor made to the radiologist's specifications. SecurView workstations make it possible to work interactively and intelligently through information-sharing and offer fast access to patient images. Multimodality options allow all DICOM breast images from other imaging modalities such as ultrasound and MRI to be reviewed side by side, improving workflow and efficiency. Integrated computer aided detection (CAD) functionality quickly and efficiently displays areas that may warrant closer attention or a second review.

SecurView RT Technologist Workstations

Designed to complement the Selenia® digital mammography platform, SecurView™ RT enables bi-directional electronic communication between the radiologist and the technologist, and brings a new level of communication and workflow enhancements to the breast imaging suite. A centrally located SecurView RT will support a busy breast imaging center allowing access to multiple technologists. Technologists can view patient's previous and current images on the high resolution monitor making it easy to assess exposure, positioning, and CAD markings.
R2 ImageChecker Digital CAD


R2™ ImageChecker® CAD (computer-aided detection) has transformed the practice of mammography by helping radiologists read analog and digital mammograms. ImageChecker CAD identifies regions-of-interest on mammography images and brings them to the attention of the radiologist in order to decrease false negative readings. ImageChecker CAD provides powerful expanded CAD capabilities that are viewable on workstations supporting Citra® Core technology.

ImageChecker CAD was the first FDA approved mammography computer-aided detection system and has maintained a market leading position by consistently delivering the best detection performance available. Being a pioneer in this technology has allowed us to leverage a formidable and growing database of clinical cases to effectively identify masses, architectural distortions, and microcalcifications in a diverse screening population. In fact, prospective studies have shown that ImageChecker CAD significantly improves detection performance without a significant increase in workup rates.

Providing Choices for Every Practice
The ImageChecker family of products is designed to fit the needs of any practice. Whether your facility is analog or digital, high or low volume—there is an ImageChecker solution for you. And with a clear upgrade path from analog to digital, the system you choose today will grow with you into the future.
Quantra - Volumetric Assessment
Volumetric Assessment Software for Digital Mammography

Until recently, consistent assessment of breast composition was hampered by widely differing technical factors and the subjectiveness of the reviewer. Hologic is proud to introduce Quantra™ volumetric assessment, a break-through technology that estimates volumes in the breast and calculates the volumetric fraction of fibroglandular tissue.

Quantra is a powerful technology that uses details of the X-ray imaging chain to quantify fibroglandular tissue in the breast.

Quantra aggregates volumetric measurements from each view in a study into a simple, concise assessment for each breast.

A single click on Hologic SecurView™ DX reveals Quantra information for all available studies, simplifying the monitoring of volumetric change over time. In addition, Quantra information is readily available on your PACS workstation.
Stereotactic Breast Biopsy
Offering the industry's first complete solution and broadest patient spectrum

Hologic continues to innovate and make stereotactic-guided breast biopsy an even more effective and trusted breast biopsy modality.

We are the first to deliver a complete solution to our customers: an upright or prone stereotactic biopsy table, a vacuum-assisted breast biopsy system with the widest variety of needle sizes to address the broadest spectrum of patients, and our newest site marker providing more accurate delivery to the biopsy site.

Using the complete Hologic stereotactic-guided breast biopsy solution, total tissue acquisition time is less than 30 seconds, with integrated pain management. This improvement in efficiency and compassion makes “this won't take long” a reality for anxious patients.
The MultiCare™ Platinum prone breast biopsy table offers the latest advances in stereotactic technology making it the ideal system for characterization of calcifications, masses and architectural distortion. Intuitive Cartesian Coordinates help to ensure both accurate targeting (+/- 1 mm) and safe, easy access to most lesions, including the chest wall and axillary regions.

In addition to providing efficient and precise breast biopsy technology, the MultiCare Platinum table also addresses patient care and comfort needs. Hologic has developed the MultiCare Maximum Comfort Package, offering a collection of ergonomically engineered cushions that provide targeted pressure point support for most body types and lesions. Also included are several interchangeable apertures to allow for more customized positioning, providing better access for more efficient procedures.

The Maximum Comfort Package also addresses the limitations of the "arm-through" technique by providing a cushion and aperture with wider openings, as well as an arm support system.

Digital Spot Mammography (DSM) offers a wide array of tools for effective targeting and image enhancement. Best of all, the MultiCare Platinum is compatible with most biopsy devices for exceptional performance and compassionate care.
StereoLoc® II for M-IV™ and Digital StereoLoc® II for Selenia® were built on the technology platform developed for prone stereotactic applications. This common platform allows both StereoLoc II systems to provide the same image quality, targeting accuracy, flexibility in procedural options, image processing functions, and operational efficiencies.

The StereoLoc II systems with DSM™ considerably reduce procedure time and allow maximum utilization of the mammography suite. With a quick and easy transition from mammography to stereotactic mode, both StereoLoc II solutions provide an effective solution to room size limitations and give practices a cost-effective method to expand its range of service offerings.

**System Versatility**
Both StereoLoc II systems provide nearly 360° access to the breast from a seated position. Inferior approach to 6 o'clock lesions is made possible by the C-arm rotation of +180 (+/-15°) and -150°.

Effective working space is provided by the generous clearance between the biopsy device and the tubehead, for streamlined procedures.

Motorized rotation of the C-arm assures proper 15° tube shift sequence controlled by electronic interface. Automatic collimation for stereotactic procedures eliminates the need for apertures, for enhanced operation.
### Integrated Stereotactic Breast Biopsy

Our enhanced technology offering, the Eviva™ breast biopsy device, provides several new features not available in our legacy ATEC® device. Eviva incorporates quiet pneumatic firing, pain management and end-deploy site marking in an integrated system. This integrated solution delivers superior clinical results with unparalleled patient benefits while treating the broadest spectrum of patients.

### Stereotactic Handpieces

Hologic offers a variety of biopsy needles for a successful stereotactic biopsy while treating a wide spectrum of patients. Select the biopsy device compatible with your system that best suits your patients and practice.

For use with the ATEC® Sapphire or ATEC Pearl systems:

<table>
<thead>
<tr>
<th>Hologic MultiCare™ Platinum</th>
<th>Hologic StereoLoc® II</th>
<th>Siemens MammoTest</th>
<th>Siemens and GE</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 gauge Long (0912-20)</td>
<td>9 gauge Long (0912-20)</td>
<td>9 gauge Standard (0909-20)</td>
<td>9 gauge Standard (0909-20)</td>
</tr>
<tr>
<td>9 gauge Long Petite (0912-12)</td>
<td>9 gauge Petite (0909-12)</td>
<td>9 gauge Standard Petite (0909-12)</td>
<td>9 gauge Long (0912-20)</td>
</tr>
<tr>
<td>12 gauge Long (1212-20)</td>
<td>12 gauge Long (1212-20)</td>
<td>9 gauge Extra Long (0914-20) ° for use with lateral arm</td>
<td>12 gauge Standard (1209-20)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12 gauge Standard (1209-20)</td>
<td>12 gauge Long (1212-20)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>9 gauge Extra Long (0914-20)</td>
<td>9 gauge Extra Long (0914-20)</td>
</tr>
</tbody>
</table>
ATEC Consoles for Stereotactic

Sapphire
The ATEC® Sapphire is the first-ever all-in-one breast biopsy system that provides radiologists and surgeons the ability to biopsy and excise in any of the three primary diagnostic imaging modalities of stereotactic X-ray, ultrasound and magnetic resonance imaging (MRI).

Pearl
Designed specifically for stereotactic and ultrasound-guided breast biopsy and excision performed by radiologists and surgeons who consider compassionate patient care, confident clinical results, and economic value essential elements in minimally invasive breast biopsy.

Efficiency without Compromise
All of the ATEC breast biopsy and excision systems offer multiple clinical benefits, including diverse needle options to accommodate a wide variety of patients, continuous pain management and a fully closed system with tissue acquisition every 4.5 seconds. Get the competitive edge with a faster, safer, more efficient biopsy procedure using the ATEC breast biopsy and excision systems.
Innovation in Ultrasound-guided Breast Biopsy

Celero® is the first vacuum-assisted, spring-loaded core breast biopsy device for use with ultrasound. Celero is completely disposable and requires no capital equipment.

Celero combines the ease of spring-loaded core devices with the large tissue samples of vacuum-assisted devices. Celero requires fewer samples, reducing the amount of time, cost and patient discomfort associated with the procedure.

With 80 percent of biopsies resulting in a negative diagnosis, the Celero delivers both the compassion your patients deserve and the clinical benefits you demand.

Celero Spring Loaded Biopsy Device

Celero® maximizes your control and gives you confidence in every procedure. This means fewer samples are needed to make an accurate diagnosis - research shows just 2-3 samples are needed with the Celero, compared to the 6-10 samples physicians typically require for most spring loaded devices.

Better Cores
Core size more than 2X the size of other SLC devices
Fewer insertions needed for accurate diagnosis
12-gauge needle and vacuum assistance yield consistent quality specimens

Better Control
Trocar tip provides smooth penetration to lesion while eliminating deflection
Rigid design maximizes directional control in challenging areas, including: the axilla, chest wall and implants

Better Confirmation
Ability to pre-fire inner cannula enables confirmation of aperture placement
Highly echogenic needle allows target verification under ultrasound imaging prior to tissue acquisition
Vacuum technology pulls tissue into the aperture to obtain samples
Biopsy Site Identifiers

Hologic provides superior biopsy site identification solutions for use with all imaging modalities.

ATEC TriMark
The ATEC® TriMark® is an innovative biopsy site identification solution for use with the ATEC Breast Biopsy and Excision System. Its rigid marker deployment system provides easy and accurate access to the biopsy site. The TriMark can be used with all ATEC needle options and is visible across the three primary imaging modalities. In addition, the TriMark is available in two distinct shapes for multi-site marking.

SecurMark Family of Biopsy Site Identification Systems
The SecurMark® family of biopsy site identifiers provide a unique dual visualization technology enabling superior visibility under ultrasound-guidance. SecurMark is comprised of two components; one component is a bio-absorbable glycoprene, or suture-like, material designed like a net and the other component is a permanent bio-compatible titanium marker. The titanium component is available in two shapes.

The SecurMark for ATEC works with the ATEC breast biopsy handpiece. This deployment device has a flexible cannula and deploys out and over the tip to ensure placement within the biopsy cavity.
Biopsy Site Identifiers

CeleroMark

The CeleroMark™ is designed for use with the Celero® or any biopsy device used under ultrasound-guidance and is easily visualized under any imaging modality. CeleroMark's end-deploy method and beveled tip provide for smooth marker deployment.

The CeleroMark consists of bio-compatible titanium and is available in two shapes.

SecurMark for Celero

The SecurMark® works perfectly with any ultrasound-guided breast biopsy device. Its unique dual visualization technology has superior visibility under ultrasound imaging. The SecurMark employs a rigid deployment device with an easy transition hub and a beveled tip for smooth deployment.

SecurMark is comprised of two components. The outer material is a bio-absorbable glycoprene, or suture-like, material designed like a net. The permanent component is a bio-compatible titanium that is available in two shapes.
Biopsy Kits and Table Drapes
In addition to the ATEC® and Celero® breast biopsy devices, Hologic provides you with all the necessary tools to perform biopsy procedures. From needles to gauze, the conveniently packaged supplies are at your disposal, making preparation easier and procedures even more efficient.

Biopsy Kit
The Hologic Biopsy Kit provides the means for the effective collection, identification and transportation of breast biopsy samples in one convenient package. The kit is designed for single-use only, eliminating the concern for contamination between procedures. Your sterilized kit contains the medical supplies required to perform a biopsy procedure, including:
Antiseptic
Anesthetic
Anesthetic needles
Gauze
Swabs

Table Drapes
Table drapes are essential for biopsies. They are designed to protect you, your patient and your equipment during the procedure. For your convenience, Hologic offers two choices for draping systems.
Fischer Table Draping System (Table drape only)
MultiCare™ Platinum Draping System (Includes table drape, staging drape and control panel drape)
Simply choose the appropriate system for your equipment and perform your procedures with the confidence of knowing you and your patients are protected by Hologic.
MRI Breast Biopsy
Pioneering and leading the market for high-risk patients

Hologic developed the breakthrough that has made MRI-guided breast biopsy possible.

More than 600 facilities in the U.S. have used our solutions to perform more than 50,000 breast MRI biopsy procedures. With Hologic, physicians have reduced the typical procedure time to under 30 minutes, greatly improving patient comfort and optimizing costly magnet time. We are proud to support physicians in offering one of the most exciting developments in breast cancer intervention for those at greatest risk for the disease.
The Difference is in the Details

ATEC® in MRI offers the ability to treat a broad spectrum of patients including thin-breasted women, women with implants, women with lesions near the medial wall, and women with multiple lesions. ATEC offers these high-risk patients access to a faster, minimally invasive, and more compassionate alternative to open surgical biopsy.

The ATEC® Sapphire is the first-ever all-in-one breast biopsy system that provides radiologists and surgeons the ability to biopsy and excise in any of the three primary diagnostic imaging modalities of stereotactic X-ray, ultrasound and magnetic resonance imaging (MRI).

Emerald
The ATEC Emerald is designed specifically for clinicians requiring an MRI-only breast biopsy console for a free-standing imaging center or for breast facilities that do not have magnets in close proximity to the rest of their breast program.

Efficiency without Compromise
All of the ATEC breast biopsy and excision systems offer multiple clinical benefits, including diverse needle options to accommodate a wide variety of patients, continuous pain management and a fully closed system with tissue acquisition every 4.5 seconds. Get the competitive edge with a faster, safer, more efficient biopsy procedure using the ATEC breast biopsy and excision systems.
MRI Handpieces

ATEC® MRI-guided breast biopsy needle options, for use with the ATEC Sapphire or ATEC Emerald systems:

**ATEC 0914-20MR**
ATEC’s constant aspiration and saline lavage helps ensure a core with every cycle. Used with the patented ATEC® MRI Introducer Localization Set.

**ATEC 0914-12MR**
This needle option is designed for hard-to-reach areas of interest in thinly compressed breasts, to as little as 16mm, and to access medial biopsy targets. This is the first and only needle with hemispherical tip to prevent unintended perforation of skin with thinly compressed breasts. Used with the patented ATEC MRI Introducer Localization Set.

Biopsy Site Identifiers

**ATEC TriMark MR**

The ATEC® TriMark® is an innovative biopsy site identification solution for use with the ATEC breast biopsy and excision system. Its rigid marker deployment system provides easy and accurate access to the biopsy site. The TriMark can be used with all ATEC needle options and is visible under breast MRI. In addition, the TriMark is available in two distinct shapes for multi-site marking.
Hologic's patented Introducer Localization System (ILS) is the most widely used ILS in MRI biopsy. Compatible with every coil system on the market, the Hologic ILS enables physicians to easily target lesions without costly software, to quickly target multiple lesions in a single gadolinium session, and to confirm their targeting prior to completing the biopsy. The Hologic Introducer Localization System is the standard upon which MRI Biopsy was established.

New SureSight Obturator
By listening to our customers, we've developed another advancement in MRI biopsy making the ATEC MRI biopsy procedure even faster and easier.

Part of Hologic's patented Introducer Localization System, the SureSight™ obturator further simplifies the targeting of lesions under MRI guidance. In the targeting scans, an area of increased signal intensity mimics the location of the sampling aperture on the ATEC biopsy needle. This provides the physician a visual confirmation of where the needle aperture will be during the biopsy, which results in higher confidence and increased speed of the biopsy procedure.
ATEC Consoles for Ultrasound

**Sapphire**
The ATEC® Sapphire is the first-ever all-in-one breast biopsy system that provides radiologists and surgeons the ability to biopsy and excise in any of the three primary diagnostic imaging modalities of stereotactic X-ray, ultrasound and magnetic resonance imaging (MRI).

**Pearl**
Designed specifically for stereotactic and ultrasound-guided breast biopsy and excision performed by radiologists and surgeons who consider compassionate patient care, confident clinical results, and economic value essential elements in minimally invasive breast biopsy.

**Efficiency without Compromise**
All of the ATEC breast biopsy and excision systems offer multiple clinical benefits, including diverse needle options to accommodate a wide variety of patients, continuous pain management and a fully closed system with tissue acquisition every 4.5 seconds. Get the competitive edge with a faster, safer, more efficient biopsy procedure using the ATEC breast biopsy and excision systems.
The Difference is in the Details

Hologic's flagship stereotactic biopsy device, ATEC®, allows for confidence in each procedure. With simple one minute set-up and clean-up and tissue acquisition occurring every 4.5 seconds, procedure time with ATEC is incomparable. Patients and clinicians are at the forefront of our design with a fully closed system, fluid management and consistent acquisition of high quality tissue samples.