

Imaging & Resection

New Product Spotlight



Apollo^{RF}® Bipolar Ablation

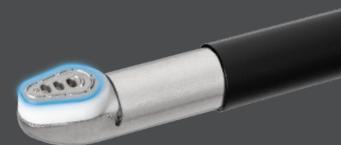
The Synergy^{RF}™ bipolar ablation system volumetrically ablates tissue and coagulates bleeding vessels to ease efforts during arthroscopic procedures. This system has the capability of integrating with the Synergy imaging systems to include a heads-up display.

Apollo^{RF} SJ50 Probe



Precise plasma ablation for effective tissue removal

Apollo^{RF} i90 Probe



360° edge control for precise ablation around sensitive tissues



Full line of probes with unique electrode designs and optimized aspiration to maintain exceptional visual clarity and evacuate tissue particulate

Fluid Management and Containment

Synergy fluid management systems are designed to provide the highest level of clarity and anatomic visualization, allowing everyone in the OR to focus on the patient.



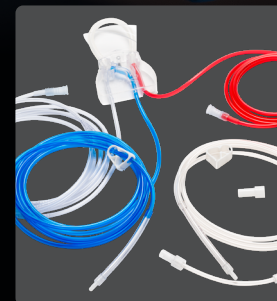
Mats are designed to promote a safe, comfortable, and efficient OR environment through excess fluid containment or removal from the OR floor.

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The DualWave™ pump works exceptionally well at controlling intra-articular pressures by using inflow and outflow capabilities. This creates a consistently clear visual field with less bleeding, resulting in less fluid consumption,¹ allowing for improved OR efficiency while keeping costs down.

Gautam P. Yagnik, MD
Miami, FL

Surgeon is a paid consultant for Arthrex Inc. For questions, please contact Arthrex Medical Education.



Shaver Systems

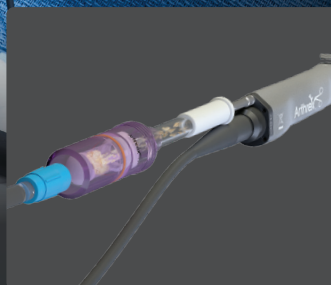
The Synergy^{Resection™} system provides a complete arthroscopic tissue and bone resection portfolio with innovative solutions designed to meet surgeons' needs.



The CoolCut™ series of shaver blades and burrs offers more than 125 unique attachments, so surgeons can find optimal devices for each procedure.



Hip-length DiamondCut™ round burrs feature a diamond-coated head that provides controlled resection of pincer and cam deformities during hip arthroscopy.



The GraftNet™ autologous tissue collector can be used to harvest bone, cartilage, and soft tissue from a surgical site.



Find the optimal
device for your
procedure

Synergy Power™ System

More Power. More Speed. Less Weight. Exceptional Reliability.²

Featuring high-torque performance and 13.2 V lithium-ion batteries, the Synergy Power system delivers exceptional power and speed, allowing for quick and efficient drilling, cutting, reaming, burring, and sawing. The lightweight and compact body is designed to enhance comfort, maneuverability, and control with aluminum handpieces to ensure a smooth and precise experience with every use.



The **Synergy Power system** features a dual trigger rotary drill and a dedicated sagittal saw powerful enough to tackle sports medicine, arthroplasty, trauma, and distal extremity procedures.



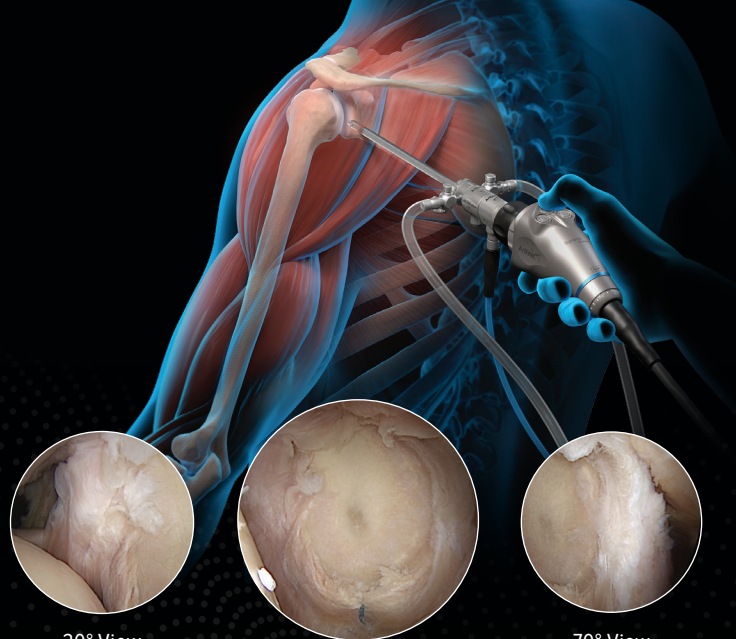
The dedicated sagittal saw features a **proprietary open-hub** design for efficient sterile processing, secure blade attachment, and optimized access to areas that are difficult to visualize and clean.



The dual trigger rotary drill offers an **innovative twist-collet mechanism** designed to quickly remove and connect attachments, enabling seamless transitions between surgical steps.

4K Imaging Technology

The Pano™ scope, combined with the Synergy Vision™ system, offers all-in-one imaging and allows surgeons to switch between 30°, 70°, and ultrawide views at the touch of a button. Additionally, the system enables simultaneous picture-in-picture viewing using the NanoNeedle™ scope.



30° View

Ultrawide View

70° View



The heads-up display keeps the surgeon in control of imaging, shaver, pump, and RF settings at all times.



Built to last with a durable and autoclavable design, the Synergy Vision system and Synergy Visionary™ camera-head buttons provide customized functionality at the surgeon's fingertips.

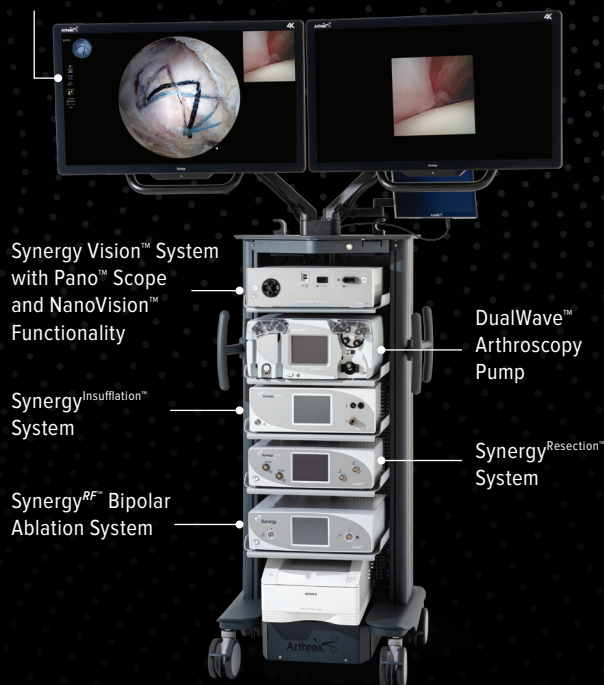


The system includes 4K imaging, LED lighting, advanced image management, NanoVision™ functionality, HDR imaging, and OR integration in a single console.

Complete OR Integration at Your Fingertips

Arthrex redefined the OR experience with innovations designed to fully integrate with your hospital's EHR, PACS, or information system to optimize visualization and enhance workflow efficiencies.

Heads-Up Display



Synergy.net™ data integration software seamlessly connects with your EHR, PACS, or vendor-neutral archive to share surgical worklists and intraoperative media.



The Synergy Matrix™ video integration system distributes 4K video to multiple displays in or out of the OR.



Synergy OR Command™ room status provides surgeons and staff with a centralized dashboard view of simultaneous video streams across all operating rooms.

NanoNeedle 2.0

NanoNeedle Scope

1.9 mm diameter with
120° field of view

Expanding ultra-minimally invasive arthroscopic surgery from the OR to the treatment room without general anesthesia

Introducing the NanoNeedle™ scope 2.0, the latest technology in Nano arthroscopy. Compatible with the Synergy Vision™ console, the NanoNeedle scope 2.0 offers the same ergonomic feel as the original with enhanced 720×720 resolution. The NanoNeedle scope 2.0 is revolutionizing arthroscopy with novel chip-on-tip technology, near 4K image quality, and a 120° field of view in a 1.9 mm-diameter, featherlight, and malleable single-use system.



References

1. Arthrex, Inc. LA1-00003-EN_A. Naples, FL; 2015.
2. Arthrex, Inc. Data on file (PLM108610). Naples, FL; 2024.

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