

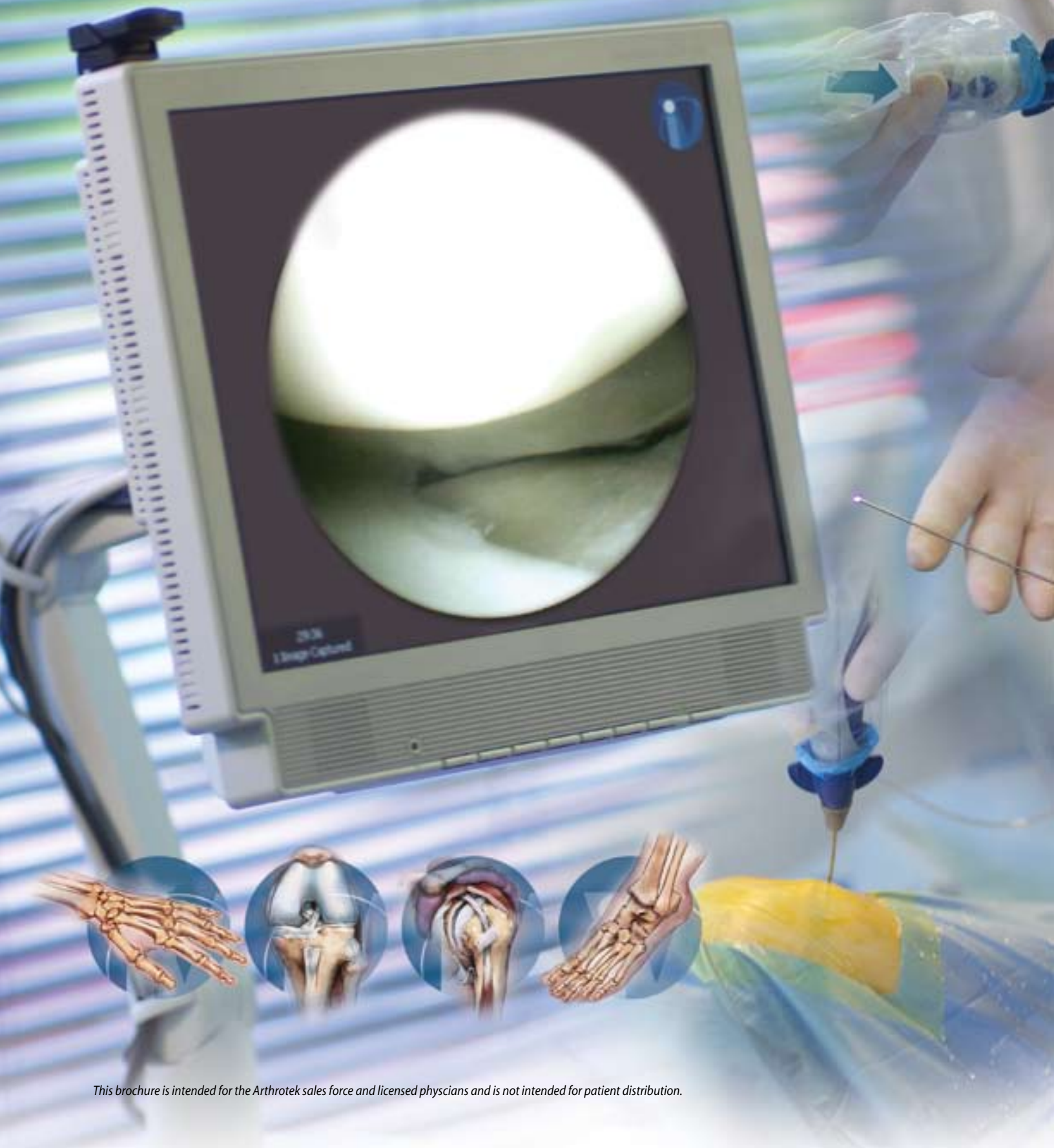


innerVue™
DIAGNOSTIC SCOPE SYSTEM

ARTHROTEK®
A BIOMET COMPANY



Visualize the joint...
in your office.



This brochure is intended for the Arthrotek sales force and licensed physicians and is not intended for patient distribution.



The InnerVue™ Diagnostic Scope System is an exciting technological breakthrough designed for use in a diagnostic environment (such as an office or outpatient service) to evaluate conditions within the joint. This scope is primarily being used in the knee and shoulder. However, the use of the scope for the wrist, elbow, ankle and other small joints is presently being investigated.

Physician Benefits

The InnerVue™ Diagnostic Scope System is designed to allow physicians to perform *Diagnoscopy™* medical imaging and diagnosing services to bring a “value added” element to their practices. This is a technology that will truly set the physician apart from others in the field.

Micro-Invasive

- *The disposable InnerVue™ Diagnostic Scope has an outside diameter of 1.2mm (~18 gauge needle)*
- *A single portal with a small puncture wound is required for the procedure.*

Cutting Edge Technology

- *NASA technology-based, intelligent all-digital imaging platform*
- *Direct, enhanced visualization of pathology*
- *Video and audio capture and playback*

Active Diagnostic Test in the Hands of the Physician

- *Provides immediate intraarticular visualization*
- *Used in place of or in conjunction with MRI*

Plan Course of Action During Patient's consultation

- *Patient is able to obtain a more accurate diagnosis during initial visit (instead of possible misinterpretation of MRI)*
- *Reduces the need for second opinions*
- *Typically no need for other diagnostics*



Potential Patient Benefits

- Only local anesthetic is required
- Patients' confidence in physician increases
- Surgeon and patient are able to directly visualize the joint together and discuss possible treatments
- Patient can be provided with video and photo CD-ROM to share information obtained during *Diagnoscopy™* services with family and friends
- Use of pictures or models to confirm and understand what is seen
- Convenient—patient does not need to go to an off-site location for an additional diagnostic procedure

Cutting edge technology... in one integrated unit.

The InnerVue™ Diagnostic Scope System is a completely integrated unit, incorporating everything needed to perform a procedure. The user-friendly design features a fully mobile tower with adjustable LCD display, storage space and a sliding work tray. This cutting-edge technology was developed in conjunction with NASA, and was awarded the prestigious Space Technology Hall of Fame Medal.

Intelligent Imaging Platform

The proprietary technology in the InnerVue™ Diagnostic Scope System revolutionizes image quality from a small diameter arthroscope. The intelligent imaging platform transforms once hazy images into crystal clear digital video, all in real time.

Procedure CD

Video, audio and still images, as well as patient information from each procedure, can be stored on a CD provided with each scope. Additional copies of the procedure CD can be recorded for the patient to take home.



Photo Printer

Still images of the procedure may be captured and printed for the medical record or for the patient to take home.





Diagnostic Scope Hand Piece

The InnerVue™ Diagnostic Scope incorporates a camera and a light source into the ergonomic hand piece. Only one cable connects the hand piece to the main unit, eliminating separate camera and light cords. Two buttons allow still image capture or video recording.



1.2mm Disposable Scope

The disposable fiber optic scope is approximately the size of an 18 gauge needle and is sterile packaged for single use. The scope simply snaps onto the hand piece and features an integrated sterile hand piece drape.

Disposable Cannula Kit

The disposable cannula kit has an outside diameter of 1.9mm and includes a sterile, single use cannula, trocar, obturator and plug. The cannula kit components are designed with a molded plastic body and stainless steel sheath providing rigidity. The cannula has a luer port on its body to allow irrigation. The plug can be used to seal the scope port on the cannula for intra-articular injection.

93%
Smaller Than
a Traditional
Scope

InnerVue™ Diagnostic Scope

Traditional Arthroscope

Evolution of the Arthroscope

The 1.2mm diameter InnerVue™ Diagnostic Scope is approximately 93% smaller than the traditional 4.5mm glass rod. Its fiber optic design tolerates flexion and results in minimal tissue trauma.

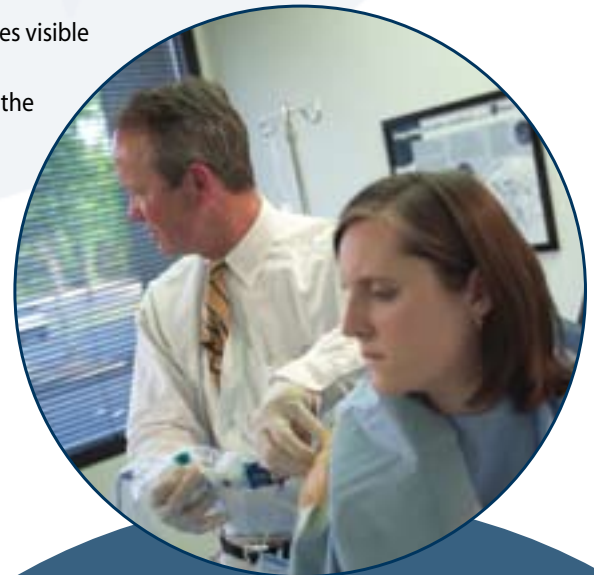
The Procedure

The InnerVue™ Diagnostic Scope fits into a variety of health care settings that include the physician's office, clinic, ambulatory surgery center, and hospital. Many physicians are implementing the InnerVue™ Diagnostic Scope as a diagnostic tool in their offices because of its convenience and its benefits to the physician and the patient.

The extremely small diameter of the InnerVue™ Diagnostic Scope requires only a local anesthetic for pain relief. A procedure kit is available that contains disposables, such as drapes and skin prep, for maintaining sterile technique. The surgeon will need only one assistant. The skin around the joint will be disinfected and a local anesthetic will be injected into the joint where the scope will be inserted. The patient then lies comfortably for approximately 10–15 minutes while the anesthesia takes effect. Generally, no other anesthetic is needed and patients are fully awake during the entire procedure. The InnerVue™ Diagnostic Scope is so tiny that most patients will feel only the prick of the skin injection.

Once the scope is inserted into the capsule, the interior of the joint becomes visible and all compartments can be clearly visualized. An exciting feature of the InnerVue™ Diagnostic Scope System is the patient's ability to participate in the diagnosis. Since patients are awake during the procedure, they can move their joints and flex their muscles to assist in the diagnosis.

The InnerVue™ Diagnostic Scope allows physicians to capture both still and video images during the course of the procedure. These images can then be reviewed with the patient and/or kept for the physician's records. The InnerVue™ Diagnostic Scope has a built-in printer and CD recorder, which allow the images to be printed immediately and given to the patient. A CD containing the video and stills from the procedure can be added to the patient's chart, and a second CD can be recorded for the patient to take home.



After the Procedure

After the diagnosis, the InnerVue™ Scope is removed and an adhesive bandage is used to cover the wound. Patients will not require stitches and should not feel any pain after the anesthesia wears off. Surgeons may provide a prescription or over the counter analgesics to reduce any soreness that may follow the procedure.

Patients are typically able to walk comfortably after the procedure and are often allowed to drive. Most patients are allowed to return to work the same day.

Community Education Materials

The InnerVue™ Diagnostic Scope Community Education Program assists surgeons with hosting educational seminars for the surrounding community. Educating potential patients is an excellent way to increase visibility within the community and to grow patient base. People who learn about their medical conditions may feel better about seeking treatment from the source of the information. Educated patients may have more realistic expectations following their treatment and tend to have better outcomes because they know their role throughout the entire process.

Marketing Program Binder

A detailed resource to educate surgeon's office personell about methods to market the InnerVue™ Diagnostic Scope System.

Y-HCI-005

Patient Education Brochure

Surgeons can provide this educational brochure to their patients prior to their diagnostic scope to describe and explain the benefits of the procedure.

Y-HCI-001

Frequently Asked Questions

This brochure provides answers to the most frequently asked questions about diagnostic arthroscopy. Patients can take this brochure home to review the information later.

Y-HCI-002

Patient Education DVD

An educational video is available in DVD format for surgeons to show the patient prior to their procedure demonstrating how quickly and easily the procedure can be performed. This can be shown in the office or sent home with the patient to review.

Y-HCI-007

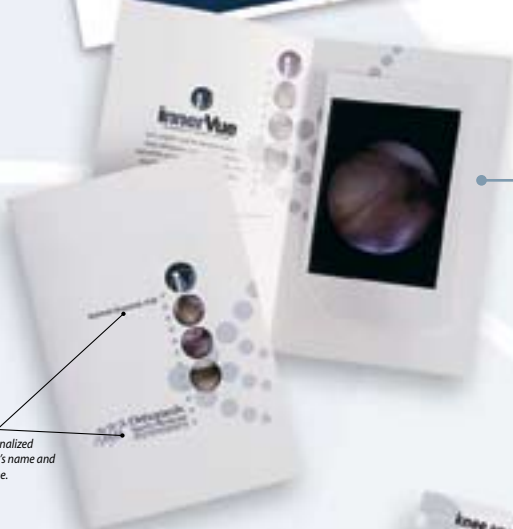




Educational Posters

Informative posters on the InnerVue™ Diagnostic Scope System that surgeons can hang in their offices to educate their patients.

Y-HCI-006



Can be personalized with surgeon's name and practice name.

Patient Cards

These cards can be imprinted with the surgeon's name and practice logo and given to the patient after their diagnostic scope. A photo taken during the procedure is inserted into the card which the patient can take home and show family and friends.

Y-BNI-107



Anatomy Note Pads

Knee and shoulder anatomy note pads allow the surgeon to show patients where their injury is located and discuss the diagnosis and treatment options.

Y-HCI-003

Knee Note Pad (pk. 5)

Y-HCI-004

Shoulder Note Pad (pk. 5)



Sample Advertisements

Sample advertisements with high-resolution artwork are provided on a CD-ROM that surgeons can use in local newspapers and magazines to promote the technology that they are now using at their practice. Surgeons can add their own logo and telephone information, etc., to the advertisement.

Diagnoscopy™ services...

the innovative way to make a diagnosis.

Applications

These are just a few of the applications where the InnerVue™ Diagnostic Scope System may be utilized.



Knee

- Ligament/Meniscal Injuries
 - Chronic ACL
 - ACL/PCL injuries
- Staging Arthritis
 - Patellofemoral Joint Arthritis
 - Uni vs. Total Joint Replacement
- Osteochondral Defects
 - Cartilage Restoration
- Post Surgical Evaluation
- Chronic Pain Syndrome
- Inconclusive Imaging Studies (MRI)



Ankle

- Fibrous Bands
- Synovitis
- Meniscoid Bodies
- Osteochondral Defects withing the Joint
- Subtle Cartilage Injury

Foot

- Subtalar Joint
- Talus Dome Lesions
- Articular Surface Effect
- Calcaneal Joint
- Cuboid Joint
- Talo-navicular Joint
- Midtarsal Joint
- Metatarsal Phalangeal
 - Hallus Rigidus




Shoulder

- Labrum
- Biceps Tendon
- Cartilage Surface Effect
- Hill Sachs Lesion
- Cuff Tear
- Impingement of Shoulder
- Degenerative Joint Disease



Hand And Wrist

- TFCC Tears
- Ulna Impaction Syndrome
- Intercarpal Ligament Disruptions
- Degenerative or Post-Traumatic Changes



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I N V E N T I N G T H E F U T U R E O F A R T H R O S C O P Y

