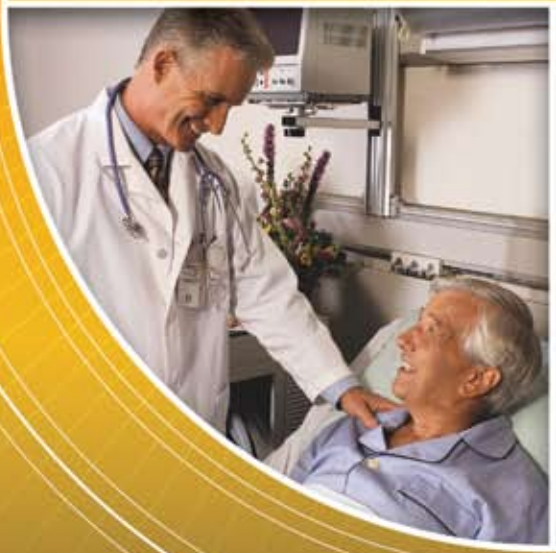
CIVCO
MEDICAL SOLUTIONS

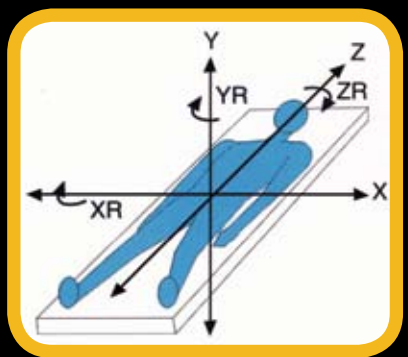
Urology Equipment & Accessories



AccuCARE™

CIVCO's AccuCARE product line provides physicians with a complete solution for performing ultrasound-guided radiation seed implant procedures. Partnering with leading imaging manufacturers, CIVCO is dedicated to providing equipment and accessories to meet the demands of today's multi-modality and rapidly changing environment.

Micro-Touch Fine Adjustment Mechanism



Fine Adjustment Coordinate System

Stabilizers:

CIVCO offers a choice of stabilizers to meet the demands of your facility. Stabilizers provide a base for your positioner/stepper and have versatile mounting configurations to help you achieve your clinical goals.

Freehand Manipulation: AccuCARE stabilizers are "pre-insertion" fixation devices. The transducer is first attached to the stabilizer, released to its omni-directional manual mode and then returned into the rectum. It can then be manipulated "freehand" and locked instantly in any desirable position.

IndependentMicro-Adjustment: AccuCARE stabilizers allow for precise and independent micro-adjustment in every plane and about every axis to reach an ideal orientation and starting position.

Versatility and Flexibility: AccuCARE stabilizers are small, lightweight and easy to maneuver.

Micro-Touch®

(Dual-Sided Table Mount)

The Micro-Touch features stable single-arm fixation with a single-point locking mechanism to quickly and easily lock stabilizer position without loss of transducer position. An adjustable weight-assist feature allows users to achieve a weightless feel to the entire system. The Micro-Touch's adjustable table mount system speeds set-up and adapts to most tables.

Features / Benefits:

- Single-arm fixation with single-point locking mechanism
- Adjustable weight compensation feature
- Quickly and easily locks stabilizer position without loss of transducer position
- Adapts to most tables
- Complete fine adjustment control

REF. # 610-911 Micro-Touch (Dual-Sided Table Mount)

Micro-Touch® LP

(Single-Sided Table Mount)

The Micro-Touch LP (Low Profile) is specifically designed for use on cystoscopy tables with a fixed fluoroscopy/x-ray gantry. The Micro-Touch LP attaches to tables on the side opposite the gantry and allows users to do simultaneous fluoroscopy/x-ray and seed implantation while retaining the remarkable versatility of the Micro-Touch ultrasound platform and needle guidance system.

Features / Benefits:

- Micro-adjustment in every plane and axis
- Ergonomic configuration
- Quick-connect mounting system
- Adapts to most cystoscopy tables
- Complete fine adjustment control

REF. # 610-912 Micro-Touch LP (Single-Sided Table Mount- Right Side)
REF. # 610-913 Micro-Touch LP (Single-Sided Table Mount- Left Side)

Special Bundle Pricing Available!

Positioners:

Once the desired stabilizer has been selected, CIVCO offers a choice of positioners/steppers. All positioning options provide users with precise repeatable positioning, offering ultimate flexibility to meet current and future needs. Designed with convenience in mind, all positioners can be quickly loaded and unloaded. In addition, they are easy to handle and prepare for cleaning and storage.

EXII Stepper

The EXII Stepper features a top-loading cradle and user-adjustable stepper positioning reference scale. The stepping unit has a digital backlit display monitor with an easy-to-read visual display which tracks the position of the transducer during the procedure. It also features a serial data output port for connection to well-known brachytherapy planning and treatment software.

Features / Benefits:

- Incremental X and Y fine adjustment of grid to achieve precise needle path control and verification
- Allows user to set the visualized zero retraction plane at zero on the reference scale
- Selection of continuous or 5mm step positions

REF. # 612-226 EXII Stepper- Acuson ER7B
REF. # 614-093 EXII Stepper- Aloka UST-672-5/7.5
REF. # 620-090 EXII Stepper- B-K Medical 8558, 8658, 8848
REF. # 642-321 EXII Stepper- GE Healthcare ERB
REF. # 644-065 EXII Stepper- Hitachi EUP-U533
REF. # 676-115 EXII Stepper- Siemens Endo-P II
REF. # 609-002 EXII Stepper- 3G Ultrasound SimulView
REF. # 683-001 EXII Stepper- Terason 8B45

Classic Stepper

The Classic Stepper is a lightweight state-of-the-art precision stepping device. The stepper's modular design is adaptable to a variety of transrectal transducers. The Classic Stepper features a secure centerline detent featuring 45 degree clockwise and counter-clockwise rotation with easy-to-read marking scales from either side.

Features / Benefits:

- Incremental X and Y fine adjustment of grid to achieve precise needle path control and verification
- Ability to rotate transducer out of the stepper and replace it without loss of position
- Grid movement independent of the transducer controlled from a convenient backside location

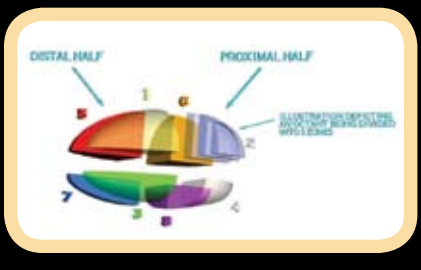
REF. # 612-225 Classic Stepper- Acuson ER7B
REF. # 614-092 Classic Stepper- Aloka UST-672-5/7.5
REF. # 620-088 Classic Stepper- B-K Medical 8551
REF. # 620-089 Classic Stepper- B-K Medical 8558, 8658, 8848
REF. # 642-316 Classic Stepper- GE Healthcare ERB
REF. # 644-064 Classic Stepper- Hitachi EUP-U533
REF. # 676-114 Classic Stepper- Siemens Endo-P II
REF. # 609-001 Classic Stepper- 3G Ultrasound SimulView

3D Mapping

Purpose of 3D Mapping: To provide a means for comprehensive biopsy of the entire prostate using a systematic and reproducible technique that advances the diagnosis and treatment of prostate cancer.

Benefit: This approach to prostate biopsy is a safe and effective technique for detecting prostate cancer in high-risk patients whose cancer has been missed or is not detectable by standard transrectal methods.

Low Cost Alternative: The Multi-Purpose Workstation™ provides a low cost solution for performing 3D pathologic mapping procedures in a urology clinic setting.



3D Mapping

Three-dimensional mapping has evolved so physicians are now routinely obtaining between 30-80 biopsies, depending on the size of the prostate. These biopsies are obtained transperinealy, between the scrotum and rectum, using the same approach used in brachytherapy and cryoablation. Information from these biopsies can be used to create a virtual 3D map of the prostate identifying the location and extent of the cancer. While this procedure was initially intended to help with the diagnosis of prostate cancer, 3D mapping has recently extended to include patients in all stages of diagnosis and treatment.

Stabilizers:

Multi-Purpose Workstation™

For Use During 3D Mapping Procedures

The Multi-Purpose Workstation is ideally suited for transperineal biopsy procedures and can assist in diagnosing cancers continuing to evade extended transrectal biopsy techniques. The Workstation features a single-point locking mechanism to quickly and easily lock stabilizer position without loss of transducer position. The Workstation wheels and adjustable height provide easy transportation, set-up and storage.

Features / Benefits:

- Convenient floor based stand for any clinical setting
- Stabilizing arm with single-point lock provides flexibility and precise positioning
- Wheels and locking mechanisms allow for easy transportation and storage
- Adjustable height provides ease of set-up and use

REF. # 610-974 Multi-Purpose Workstation

Multi-Purpose Workstation™ LP

For Use During 3D Mapping Procedures

The Multi-Purpose Workstation LP is designed for use in both hospital and urology clinic settings. The Workstation attaches to table rails on the right side and allows users to perform diagnostic and therapeutic prostate procedures. When minimal cancer is found on transrectal biopsies, the Workstation can help settle therapeutic dilemmas by accurately allowing the physician to define the extent and location of the disease.

Features / Benefits:

- Ergonomic configuration reduces clinician strain resulting from prolonged positioning during prostate procedures
- Quick-connect mounting system allows for easy assembly
- Adapts to most clinic tables, providing a low cost solution for prostate procedures
- Single-arm fixation with single-point locking mechanism provides ease of set-up and use

REF. # 610-975 Multi-Purpose Workstation LP

Positioners:

Multi-Purpose Workstation™ Stepper

For Use During 3D Mapping Procedures

The Multi-Purpose Stepper is a lightweight state-of-the-art precision stepping device. The stepper's modular design is adaptable to a variety of transrectal transducers. The stepper's quick release feature allows the disposable grid to detach from the stepper during prostate procedures. The insertion of the included cradle extension provides additional support when rotating the transducer. The Multi-Purpose Workstation Stepper features a secure centerline detent featuring 40 degree clockwise and counter-clockwise rotation.

Cradle Extension

Features / Benefits:

- Incremental X and Y fine adjustment of grid to achieve precise needle path control and on-screen verification
- Ability to rotate transducer out of stepper and replace it without loss of prostate position
- Grid movement independent of the transducer controlled from a convenient backside location
- Cradle extension provides additional support when rotating the transducer

REF. # 614-098 Multi-Purpose Workstation Stepper- Aloka UST-672-5/7.5

REF. # 642-334 Multi-Purpose Workstation Stepper- GE Healthcare ERB

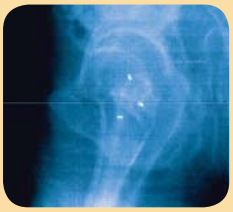
REF. # 644-066 Multi-Purpose Workstation Stepper- Hitachi EUP-U533

REF. # 676-121 Multi-Purpose Workstation Stepper- Siemens Endo-P II

REF. # 620-094 Multi-Purpose Workstation Stepper- B-K Medical 8558, 8658, 8808

ACCULOC® IGRT Fiducial Markers

These soft tissue markers are designed to serve as registration points for high precision image guided radiotherapy and are clearly visible in both CT and linac based imaging systems. The pure gold markers are put through a special knurling process, cross-cutting the surface to prevent any migration once placed in soft tissue.



Soft tissue markers implanted in prostate

ACCULOC IGRT Fiducial Markers

Features / Benefits:

- Combined with the ACCULOC localization software, markers create a powerful tool for accurate patient treatment
- Non-migrating markers available in: 0.9, 1.2 and 1.6mm diameter
- Markers available in preloaded and presterilized needles

ACCULOC® Carbon Markers

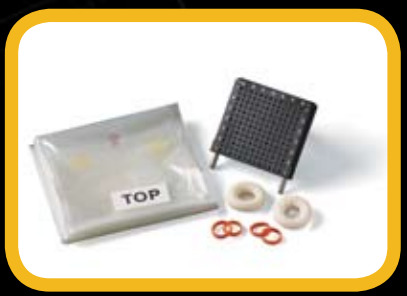
These soft tissue markers are made of pyrolytic carbon coated zirconium oxide making them visible on standard radiographs (x-ray, mammography, fluoroscopy, kV and CT) as well as ultrasound and MRI.

ACCULOC Carbon Markers

Features / Benefits:

- Unique shape contributes to its radiographic visibility and nonmigration
- Pyrolytic carbon coating has exceptional biocompatibility
- Markers available in preloaded and presterilized needles

Fight Against Infection



Hospital acquired infections account for an estimated two million infections, 90,000 deaths and $4.5 billion in excess healthcare costs annually.
-www.cdc.gov

Nosocomial infection surveillance and data collection on infection rates have become the basis for measuring the quality of care in hospitals.
-www.cdc.gov

There is an increasing consumer desire for more information and public reporting of healthcare associated infection data. Consumers are making more informed decisions on healthcare issues.
- www.cdc.gov/ncidod/hip/PublicReportingGuide.pdf

Disposable Accessories:

Infection control is a critical element in providing quality healthcare for patients. CIVCO offers a full line of disposable accessories for use in imaging procedures. Disposable accessories help reduce the risk of cross-contamination, improve safety during procedures and save imaging professionals time and money.

Latex-free Endocavity Balloon

The Endocavity Balloon was designed to provide a snug fit to endocavity transducers, providing a small insertion profile to minimize patient discomfort. The balloon features adjustable inflation control to maximize user control over prostate shape and height, speed set-up and allow gland positioning to an optimal focal length to enhance the ultrasound image. The latex-free balloon's user-friendly "easy purge" system overcomes the trapped air disadvantages of other inflatable standoffs, virtually eliminating image degradation.

Features / Benefits:

- Small insertion profile for snug fit to endocavity transducers, minimizing patient discomfort
- Adjustable inflation control to maximize user control over prostate position
- Intelligent design improves implant accuracy
- Allows gland positioning to an optimal focal length to enhance ultrasound image

REF. # 610-898 Balloon, Qty. 10

Barzell CollectEVAC™

The Barzell CollectEVAC is designed to perform dual irrigating and tissue straining/collecting functions during transurethral bladder and prostate surgery. The Barzell CollectEVAC is a completely secure system, locking in tissue samples and eliminating the risk of water loss or contamination. The unique collection unit traps tissue samples and allows for clean and simple tissue transfer to a pathology specimen jar. This controls cross-contamination, tissue loss and the associated risk of exposing personnel to blood and bodily fluids.

Features / Benefits:

- Virtually eliminates chance of tissue loss
- Eliminates need for tissue staining while reducing exposure of personnel to blood and bodily fluids
- Allows for complete and safe tissue transfer
- Easy to fill and connect to resectoscope
- Self air purging once connected to resectoscope

REF. # 610-954 Sterile Barzell CollectEVAC, connection tubing and adaptable end, Qty. 24

Disposable Template Grid

Disposable template grids are for use during brachytherapy and 3D pathologic mapping of the prostate. Template grids consist of rows and columns of holes spaced 5mm apart, providing accurate placement of radioactive seeds in predefined areas of the prostate. The single-use grid is sold sterile and provides a cost-effective solution for brachytherapy and 3D pathologic mapping procedures.

Features / Benefits:

- Pre-sterilized, single-use device eliminates cubersome cleaning and reprocessing tasks
- Easy identification and insertion of 17 or 18 GA instruments
- Bold, "low light" graphics and precision hole alignment
- Disposable design reduces risk of cross-contamination

REF. # 610-905 17 GA Grid, Qty. 5
REF. # 610-906 18 GA Grid, Qty. 5
REF. # 610-909 17 GA Grid, Drape, NeoGuard Cover (2), Qty. 5
REF. # 610-910 18 GA Grid, Drape, NeoGuard Cover (2), Qty. 5
REF. # 610-977 Percutaneous Instrument Guide, Qty. 5

Drape

The drape provides a protective barrier for AccuCARE products, including Stabilizers and Positioners, during implant procedures. Presterilzed, the single-use drape applies easily to achieve a broad sterile field for implantation after set-up, saving on clean-up and prep time. The clear material allows for easy identification and manipulation of AccuCARE instruments.

Features / Benefits:

- Pre-sterilized, single-use disposable drape
- Latex-free, transparent material
- Cost-effective, protective barrier offers expanded sterile field
- Applies easily, reducing the risk of cross-contamination

REF. # 610-870 Drape, Qty. 20

NeoGuard™ Covers

NeoGuard is a rolled, latex-free material specially designed for ultrasound use. Recommended for patients and professionals with latex protein sensitivities. These high-quality covers provide a defense against cross-contamination. Covers include colored elastic bands. Sterile gel packets available separately.

Features / Benefits:

- Rolled, latex-free material
- Distortion-free scanning
- Sizes to fit most endocavity transducers

REF. # 610-843 Sterile 2.6 x 30cm (1" x 11.8") Cover, Qty. 24
REF. # 610-836 Non-sterile 2.6 x 30cm (1" x 11.8") Cover, Qty. 24

Endocavity Needle Guides

Transrectal ultrasound is valuable in guiding physicians during a prostatic biopsy. Use of a needle-guide attached to the transducer allows physicians to follow on-screen biopsy guidelines to quickly and precisely sample targeted areas. Needle guides are engineered to provide a secure fit to transducers and are contoured to provide patient comfort during biopsy procedures. Most endocavity guides accept 16-18 gauge instruments. Refer to CIVCO's website at WWW.CIVCO.COM for a listing of needle guides compatible with your transducer.

AccuCARE™ Product Line

CIVCO's AccuCARE product line is recognized as an industry leader for improved diagnosis and treatment outcomes when performing ultrasound-guided prostate procedures. The AccuCARE product line includes stabilizers, positioners and disposable accessories providing clinicians with precise repeatable positioning and offering ultimate flexibility to meet the demands of today's multi-modality and rapidly changing environment. CIVCO's ongoing collaborative research and development efforts seek to simplify procedures and improve the quality of care for prostate cancer patients. AccuCARE products continue to be the benchmarks for quality and design in such prostate procedures as:

- Brachytherapy
- 3D Pathologic Mapping
- Prostate Biopsy

Contact CIVCO for Innovative Solutions for All Your Urology Needs.