MRI Compatible Positioning Devices
for enhanced positioning + immobilization
MRSeries™ provides a new dimension in radiation therapy treatment planning, enabling accurate transfer from MRI imaging to treatment.

MRSeries products are intended for use in the MR environment. Always refer to product labeling to identify whether a device is MRSafe or MR Conditional.

Look for the MRSeries™ symbol in other CIVCO product brochures to identify CIVCO’s MR compatible products.

MRI overlays are made of fiberglass with a foam core, have indexing options and are compatible with Three-Pin Lok-Bars. Three-Pin Lok-Bars allow you to index MR Series™ devices to your MRI overlay and prevent MR Unsafe devices from being used. Some overlays feature special thermoplastic indexing points.

<table>
<thead>
<tr>
<th>MRI Overlay for:</th>
<th>Dimensions</th>
<th>Indexing Style</th>
<th>Compatible Lok-Bar</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Philips Panorama, 50 cm Wide</td>
<td>214 x 50 x 2.2 cm</td>
<td>Prodigy</td>
<td>MTIL3454</td>
<td>MTM3400</td>
</tr>
<tr>
<td>Philips Panorama, 40 cm Wide</td>
<td>214 x 40 x 2.2 cm</td>
<td>Prodigy</td>
<td>MTIL3455</td>
<td>MTM3401</td>
</tr>
<tr>
<td>Philips Ingenia</td>
<td>211 x 53 x 3.8 cm</td>
<td>Interloc</td>
<td>MTIL3352</td>
<td>MTM3404</td>
</tr>
<tr>
<td>GE Signa (available only from GE)</td>
<td>208 x 50 x 4.8 cm</td>
<td>Interloc</td>
<td>MTIL3351</td>
<td>MTM3300</td>
</tr>
<tr>
<td>GE Wide Bore (750W or 450W) no GEM</td>
<td>213.4 x 53 x 6.2 cm</td>
<td>Interloc</td>
<td>MTIL3352</td>
<td>MTM3301</td>
</tr>
<tr>
<td>GE Wide Bore (750W or 450W) with GEM</td>
<td>204 x 53 x 2.1 cm</td>
<td>Interloc</td>
<td>MTIL3352</td>
<td>MTM3302</td>
</tr>
<tr>
<td>Siemens Magnetom Avanto, Magnetom Espree, Magnetom Symphony A Tim System, Magnetom Trio A Tim System</td>
<td>187 x 50 x 2.2 cm</td>
<td>Prodigy</td>
<td>MTIL3454</td>
<td>MTM3000</td>
</tr>
<tr>
<td>Siemens Magnetom Verio</td>
<td>187 x 50 x 2.2 cm</td>
<td>Prodigy</td>
<td>MTIL3454</td>
<td>MTM3001</td>
</tr>
<tr>
<td>Siemens Aera &amp; Skyra (with Type-S mask attachment)</td>
<td>187 x 50 x 2.2 cm</td>
<td>Prodigy</td>
<td>MTIL3454</td>
<td>MTM3002</td>
</tr>
<tr>
<td>Siemens Aera &amp; Skyra (with Posifix mask attachment)</td>
<td>187 x 50 x 2.2 cm</td>
<td>Prodigy</td>
<td>MTIL3454</td>
<td>MTM3003</td>
</tr>
</tbody>
</table>

Three-Pin Indexing helps prevent MR Unsafe devices from being used in MRI.

Indexable positioning devices allow you to easily transfer from imaging to treatment.

Three-Pin Lok-Bar

<table>
<thead>
<tr>
<th>Width</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interloc 50 cm</td>
<td>MTIL3351</td>
</tr>
<tr>
<td>Interloc 53 cm</td>
<td>MTIL3352</td>
</tr>
<tr>
<td>Prodigy 50 cm</td>
<td>MTIL3454</td>
</tr>
<tr>
<td>Prodigy 40 cm</td>
<td>MTIL3455</td>
</tr>
</tbody>
</table>
**Head & Neck**

### Type-S™ System

The Type-S System was developed to offer a high degree of stability for the head, neck and shoulders. The system is ideal for IMRT and conformal treatments in a 360° arc.

The MRI Type-S Overlay is made of fiberglass with a foam core. It accepts any Type-S thermoplastics which include a wide variety of head-only and head, neck and shoulders masks.

<table>
<thead>
<tr>
<th>Type-S Overlay</th>
<th>MTMRHNTYPES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type-S Overlay (Narrow)</td>
<td>MTMRIHNPN</td>
</tr>
</tbody>
</table>

### Posifix® System

The Posifix System offers a high degree of patient stability through the use of a 3- or 5-point masking system allowing the technician to form the mask around the contours of the patient.

The Posifix-1 and Posifix-5 acrylic baseplates accept any mask in the Posifix series, including Mastercast Pro™, Posicast™ Lite, Posicast Plus, and Posicast masks.

<table>
<thead>
<tr>
<th>Posifix-1 Acrylic Baseplate</th>
<th>Accepts 3 &amp; 5 point masks 101019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Posifix-5 Acrylic Baseplate</td>
<td>Accepts 3 point masks only 105021</td>
</tr>
</tbody>
</table>

All Type-S disposable thermoplastic masks are MRI Safe. Reusable carbon fiber frames are not MRI compatible.

### Uni-frame® System

The Uni-frame System is an industry standard solution for head-only thermoplastic immobilization.

<table>
<thead>
<tr>
<th>Cutout Base Acrylic Tilting Baseplate</th>
<th>Acrylic Baseplate MT20100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accepts head-only masks MT20104</td>
<td>Accepts head-only masks</td>
</tr>
</tbody>
</table>

### trUpoint ARCH™ SRS/SRT System

The trUpoint ARCH is designed to effectively stabilize the patient in a non-invasive hold for delivering high radiation doses to head & brain disease sites.

The trUpoint ARCH can be used with select MRI systems and requires a flat couchtop or overlay and the Acrylic Posifix Baseplate.

Kit includes: trUpoint ARCH, Acrylic Posifix Baseplate, Storage Base, Posicast-Lite PR31 Thermoplastic (10), Individual Head Support (10), Bite Putty (12 applications), Bite Cups (12), Bite Trays (12), Putty Dispenser (1), Nasion Cushions (12)

Putty Dispenser is MR Unsafe and must be used for setup outside of the MR environment.

<table>
<thead>
<tr>
<th>trUpoint ARCH Starter Kit MTHF150</th>
</tr>
</thead>
</table>

### Customizable Head Support

The Customizable Head Support is a shell and cushion system. The unique shape of the shell was designed to encourage the cushion to return the patient to a repeatable position from fraction to fraction. The shell may be used with any customizable cushion such as Chamfered AccuForm™ and is compatible with Type-S and Posifix Head & Neck Positioning Systems.

<table>
<thead>
<tr>
<th>Posifix® Style</th>
<th>CH501</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type-S™ Style</td>
<td>CH502</td>
</tr>
<tr>
<td>Chamfered AccuForm, Half Fill 20 x 35 cm</td>
<td>MTACL2035HF</td>
</tr>
</tbody>
</table>

For a full list of Thermoplastics, visit www.civcort.com
Head & Neck (cont’d)

AccuForm Cushions
AccuForm Cushions are ideal for high-precision head and neck treatments when enhanced comfort, stability and repositioning accuracy are key. An AccuForm Positioner is needed for indexing an AccuForm cushion to Uni-frame® and Type-S™ baseplates.

20 x 35 cm Chamfered MTACL2035
20 x 35 cm Chamfered Half Fill MTACL2035HF

AccuForm Positioner MTACL001

Headrests
CIVCO provides a wide variety of MRI compatible headrests. Options include Silverman, Extended Head Stop, Posifix® and Timo Headrests. See CIVCO’s Solutions Guide for additional options.

Silverman Headrest Set of 6 MTSLIVER2
Extended Head Stop Set of 3 301034
Posifix Headrest Set of 5 305000BLK
Timo Headrest Set of 6 MTTIMO

SBRT Immobilization

Body Pro-Lok™ ONE System on ONEPlatform™
The modular design of the Body Pro-Lok System allows the clinician to easily balance the often competing concerns of patient comfort, safety and efficiency in SBRT patient setups.

The ONEPlatform is designed with CIVCO’s Universal Couchtop™ profile to accept bridges and accessories, and provides standardization of patient setup from MR simulation to Linac unit.

Body Pro-Lok ONE Customization

ONEBridge™
The only bridge on the market featuring unique Lateral and Tilting Offset, and Variable Height Adjustment.

ONEBridge BPL001

The ONE Respiratory Belt provides pneumatic compression and immobilization to the abdominal region.

ONE Respiratory Belt BPL002

The Standard Respiratory Plate places pressure at the level of the diaphragm to assist in restricting respiratory movement.

Standard Respiratory Plate MTSBRT003

The Clam-Lok® Cushion (8”) forms to comfortably enhance immobilization from above.

Clam-Lok Cushion MTSBRT202

The Monarch™ Overhead Arm Positioner is 23.4” (59 cm) wide and features dual function hand grips that allow for natural flexion of the patient’s wrists.

Monarch OAP110

T-Shape Vac-Lok® Cushion provides positioning with the arms up when used with a Wing Board™, while cradling the torso region.

T-Shape Vac-Lok MTL0017

Additional Customization

Patient Handle MTSBRT005
Mirror Handle MTSBRT0051
ONEBridge Storage Base BPL005
Kneefix™ 3 (p. 11) 301052
Footfix™ 3 (p.11) 301071
Standard Wing Board MTWB09
SBRT Immobilization (cont’d)

Body Pro-Lok™ System on Kevlar Platform
The Body Pro-Lok® Kevlar Platform is fully compatible with all Body Pro-Lok® bridges and accessories, and provides standardization of patient setup from MR simulation to Linac unit.

- Compatible with any indexable table that utilizes a 2 or 3-Pin Lok-Bar™
- Integrated Lok-Bars provide indexing for additional positioning devices

Body Pro-Lok Rails-Only System
The Body Pro-Lok® Rails-Only System utilizes Body Pro-Lok® Bridges and accessories when the Universal CouchTop™ is not available and avoidance of an overlay or platform is preferred.

All part numbers listed below include one rail assembly with attached Lok-Bars. Bridges and accessories are sold separately unless specified otherwise.

Prodigy 53 cm MTSBRT051
Prodigy 53 cm MTSBRT050
Interloc 50 cm MTSBRT053
Interloc 50 cm MTSBRT052

Body Pro-Lok & Rails Only Customization
Body Pro-Lok® Bridges provide additional immobilization from above.

Type 1B Bridge (front) MTSBRT039
Type 2 Bridge (middle) MTSBRT007
Type 3 Bridge (back) MTSBRT031

Respiratory Restriction

Standard Respiratory Plate MTSBRT003
Respiratory Belt MTSBRT004

Additional Customization

Clam-Lok™ (p. 8) MTSBRT202
T-Shape Vac-Lok™ (p. 8) MTVL0017
Patient Handle MTSBRT005
Mirror Handle MTSBRT0051
KneeFix™ 3 (p. 11) 301052
FeetFix™ 3 (p. 11) 301071
Monarch (p. 8) OAP110
Standard Wing Board MTWB09

Breast & Thorax

Monarch™ Overhead Arm Positioner
The Monarch Overhead Arm Positioner is 23.4” (59 cm) wide and features dual function hand grips that allow for natural flexion of the patient’s wrists while providing increased positioning options for the clinician.

- Matches body contours for optimal arm support and patient comfort
- Indexable for easy stand-alone use

Standard Wing Board™
The Standard Wing Board is 22.5” (57 cm) wide, constructed of durable, lightweight ABS and features Delrin post hand grips. It is indexable for enhanced reproducibility from imaging through treatment.

MTWB09

Tapered Wing Board
The Tapered Wing Board is 22” (56 cm) wide and has angled wings, providing patient comfort and support. It is available with a T- or U-Grip Handle.

MTWB10T w/ T-Grip
MTWB10U w/ U-Grip

Extended Wing Board
The Extended Wing Board is 22.5” (57 cm) wide, constructed of durable, lightweight ABS and can be used with a T- or U-Grip handle. Its extended length allows for additional arm positioning flexibility. It is indexable for enhanced reproducibility from imaging through treatment.

MTWB08T w/ T-Grip
MTWB08U w/ U-Grip

Additional Grip Options
Both the T-Grip and the U-Grip are available individually. Compatible with the Extended and Tapered Wing Boards.

MTGBSUB1 w/ T-Grip
MTGBSUB3 w/ U-Grip
Hip & Pelvic

Bellyboard
The MR Bellyboard assists in reducing the irradiated small bowel volume of patients undergoing treatment in the pelvic region. For patient comfort the lower part of the bellyboard has been adapted to support the upper legs. The Prone Thorax Support integrates to the MR Bellyboard and is designed to relieve chest compression during treatments in the prone position.

![MR Bellyboard](image1)

MR Bellyboard | 126000
---|---
Prone Thorax Support | 301102

HipFix®
The HipFix hip and pelvis immobilization system utilizes a single sheet of thermoplastic over the entire abdomen and pelvis region. The versatile system accommodates both prone and supine patient setups. The HipFix baseplate features a cutout treatment window and is three-pin indexable. A Vac-Lok™ cushion can be integrated for added comfort, support and repositioning accuracy.

![HipFix System](image2)

MR HipFix Baseplate | MTPLVCMR
Split Leg Vac-Lok | MTVL71FC

For a full list of Thermoplastics, visit www.civcort.com

Positioning Aids

Kneefix™ 3 & Feetfix™ 3

The Kneefix 3 Cushion contributes to better stability and reproducibility in the supine position, regardless of the target area. It promotes patient comfort and is therefore ideal for use during lengthy procedures on rigid surfaces. It is 16 cm tall and is made of lightweight, closed cell foam that is easy to clean.

![Kneefix Cushion](image3)

Kneefix 3 Cushion | 301052
Low Kneefix 2 Cushion | 301048
Elevation Block - Qty 3 | 301056
Elevation Block - Qty 1 | 301055

The Feetfix 3 Cushion is a universal patient support cushion for radiotherapy and diagnostic procedures and has been designed to provide comfortable patient positioning with enhanced immobilization. It is 16 cm tall and is made of lightweight, closed cell foam that is easy to clean.

![Feetfix Cushion](image4)

Feetfix 3 Cushion | 301071

Multi Purpose Support Cushions are exclusive closed cell PE foam that will not stain or absorb liquids. They are more firm than regular, coated support cushions. Five different shapes are sold separately or as a complete set, which also includes a Hand/Finger Positioner.

![Multi Purpose Support Cushions](image5)

403024 Rectangle 30 x 24 x 5 cm
402422 15° Wedge 24 x 22 x 7 cm
402848 45° Wedge 28 x 48 x 14 cm
402820 45° Wedge 28 x 20 x 14 cm
402525 Head Support 25 x 25 x 8 cm
400006 Set of Six -

NOTE: HAND/FINGER POSITIONER ONLY AVAILABLE IN SET OF SIX (40006)
Vac-Lok™ Cushions

Vac-Lok Cushions form a custom mold of a patient’s anatomical contours and can easily be reinflated and remolded. Cushions are available in two durable finishes: clear urethane and nylon. Nylon cushions are reinforced for resistance against punctures and can be ordered with indexing bars for enhanced patient positioning.

Both styles are reusable for ultimate cost-effectiveness.

Popular Breast & Thorax Cushions

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arms up 105 cm long</td>
<td>Urethane</td>
<td>MTVLARM02</td>
</tr>
<tr>
<td></td>
<td>Nylon</td>
<td>MTVLARM02C</td>
</tr>
<tr>
<td></td>
<td>Nylon w/indexing (shown)</td>
<td>MTVLARM02FC</td>
</tr>
<tr>
<td>Arms up 75 cm long</td>
<td>Urethane</td>
<td>MTVLARM01</td>
</tr>
<tr>
<td></td>
<td>Nylon</td>
<td>MTVLARM01C</td>
</tr>
<tr>
<td></td>
<td>Nylon w/indexing (shown)</td>
<td>MTVLARM01FC</td>
</tr>
<tr>
<td>One Arm Up</td>
<td>Urethane</td>
<td>MTVL04</td>
</tr>
<tr>
<td></td>
<td>Nylon</td>
<td>MTVL04C</td>
</tr>
</tbody>
</table>

Popular Hip & Pelvic Cushions

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>75 x 100 cm</td>
<td>Urethane</td>
<td>MTVLPLV01</td>
</tr>
<tr>
<td></td>
<td>Nylon</td>
<td>MTVLPLV01C</td>
</tr>
<tr>
<td></td>
<td>Nylon w/indexing (shown)</td>
<td>MTVLPLV01FC</td>
</tr>
<tr>
<td>75 x 120 cm</td>
<td>Urethane</td>
<td>MTVLPLV02</td>
</tr>
<tr>
<td></td>
<td>Nylon</td>
<td>MTVLPLV02C</td>
</tr>
<tr>
<td></td>
<td>Nylon w/indexing (shown)</td>
<td>MTVLPLV02FC</td>
</tr>
<tr>
<td>80 x 100 cm</td>
<td>Hourglass</td>
<td>MTVLPLV03C</td>
</tr>
</tbody>
</table>

For a full list of Vac-Lok Cushions, visit www.civcort.com

Fiducial Markers

FusionCoil™ Markers

The FusionCoil Marker images equally as well in CT as it does in MRI. It consists of an open spiral gold coil with a special biocompatible alloy core that appears as a solid black dot in MRI. This is the first of its kind providing superior reference for image fusion as well as precise IGRT.

FusionCoil Cartridge Kits

- Reduce the number of needle passes
- Minimize the chance of Edema or Pneumothorax

PolyMark™ Markers

The PolyMark Marker is the first biocompatible polymer-based marker. It minimizes artifact, is visible using KV based IGRT solutions, MRI and is optimized for Proton Therapy.

Sterile Placement Needle

<table>
<thead>
<tr>
<th>Marker</th>
<th>Qty</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 x 5 mm</td>
<td>1</td>
<td>MTCTXFC1051820</td>
</tr>
<tr>
<td>1 x 10 mm</td>
<td>1</td>
<td>MTCTXFC10101820</td>
</tr>
<tr>
<td>1 x 20 mm</td>
<td>1</td>
<td>MTCTXFC10201820</td>
</tr>
<tr>
<td>1 x 5 mm</td>
<td>1</td>
<td>MTCTXFC10251820*</td>
</tr>
<tr>
<td>18 GA ETW x 25 cm</td>
<td>1 x 5 mm</td>
<td>1</td>
</tr>
</tbody>
</table>

FusionCoil SBRT Kit

Pre-loaded FusionCoil needle Qty 1
18 GA x 20 cm; 1 x 5 mm marker
Pre-loaded FusionCoil cartridges Qty 2
1 x 5 mm marker

Additional Cartridge

Pre-loaded FusionCoil cartridge qty 1
1 x 5 mm marker

PolyMark in CT (left) and MR (right)