Technical Data Sheets

ProtonSeries Couchtops & Overlays
ProtonSeries™
Confident Proton Therapy without Compromise
Universal Couchtop™ Long Extension

The Universal Couchtop™ is a modern and comprehensive solution for enabling advanced treatments in your clinic. Specifically designed to answer the demands of Proton, the Universal Couchtop Long Extension contains no rails or junctions in the treatment area to help facilitate better dose delivery and target coverage.

No Overlays Required

- Homogenous design for consistent treatment planning
- Utilizes Prodigy™ 2 indexing at 7 cm increments
- Low attenuation and surface dose
- Self-locking extension seam located outside of treatment field
- Compatible with many CIVCO positioning and immobilization devices

IBA Systems Proteus® ONE and Proteus PLUS

- Includes Rectangular Extension (MTIL6673) and Prodigy 2 Lok-Bar™
- Large treatment area of 58.9" (149.7 cm)

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>MTIL6840</td>
<td>F-Series</td>
</tr>
<tr>
<td>MTIL6841</td>
<td>L-Series</td>
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Mevion Medical Systems S250 Series™

- Includes Rectangular Extension (MTIL6660) and Prodigy 2 Lok-Bar
- Large treatment area of 47.1" (119.7 cm)

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<tr>
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<tbody>
<tr>
<td>MTIL7040</td>
<td>S250 Series</td>
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Rectangular Extension

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Dimensions</th>
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<tbody>
<tr>
<td>MTIL6673</td>
<td>64.9&quot; (164.8 cm)</td>
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<tr>
<td>MTIL6676</td>
<td>64.9&quot; (164.8 cm), CT compatible</td>
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<tr>
<td>MTIL6660</td>
<td>53.1&quot; (134.9 cm)</td>
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Dosimetrically Matched Universal Couchtops™

Universal Couchtop is available in dosimetrically matched* couchtops for most major CT, Linac and Proton models to provide seamless transition from simulation to treatment.

Reduce set-up and treatment errors
Installing Universal Couchtop on all department pedestals will offer the same:

- Dose attenuation
- Deflection
- Indexing
- Immobilization device attachment

Scan or treat patients on matching couchtops
Installing matching couchtops allows patients to be scanned or treated on any Linac, CT or proton model as required. This is ideal when machines are down or departments are trying to manage patient throughput.

*Contact your sales representative for more information.
Head & Neck Immobilization

The Universal Couchtop™ ProForm™ Head & Neck Extension features geometry that allows for direct access to effectively treat CNS patients. ProForm accepts a dedicated thermoplastic mask designed to meet the unique requirements of proton therapy.

- Homogeneous treatment area and soft gradient edges reduce beam degradation
- Head & Neck area provides fixed points that allow repeatable positioning and security of the AccuForm™ Cushion
- Thermoplastic mask attaches with a smaller profile of CIVCO’s patented Type-S™ frame & pin docking system designed specifically for proton therapy
- Head, Neck & Shoulder thermoplastic and patient handles available for shoulder repositioning

ProForm Extension

MTIL6675K Universal Couchtop ProForm Head & Neck Extension, 53.9" (136.9 cm), includes ProForm Cushion Guide and UCT Patient Handles

ProForm Overlays

The ProForm CT & Photon Treatment Overlay and MR Overlay allow for CT simulation or MR imaging of patients who will be treated on the Universal Couchtop ProForm Extension, allowing seamless transition from simulation to treatment.

PRO300 ProForm CT & Photon Treatment Overlay, 2-Pin Lok-Bar compatible, includes ProForm Cushion Guide (top photo)

PRO320 ProForm MR Overlay, 3-Pin Lok-Bar compatible, includes cushion guide (bottom photo)

Shoulder Thermoplastic Docking Options

Two shoulder docking options are available; standard top docking and underneath docking to accommodate for larger patients where additional stretching of thermoplastic may be required.
Head & Neck Immobilization

ProForm™ Standard White Thermoplastic
Features consistent perforation throughout the mask for well-balanced fixation and patient comfort.

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<td>PRO330</td>
<td>Head Only, Disposable 3.2 mm, includes registration film</td>
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ProForm IMRT Reinforced Thermoplastic Style 18
Features a combination of perforated and solid thermoplastic throughout the mask to provide rigidity and secure immobilization.

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<tr>
<td>PRO331IM1832</td>
<td>Head, Neck &amp; Shoulders, Disposable 3.2 mm, includes registration film</td>
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<tr>
<td>PRO331IM1832N</td>
<td>Head, Neck &amp; Shoulders, Narrow, Disposable, 3.2 mm, includes registration film</td>
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ProForm ClearVision™ 2
Open face mask designed for use with vision/camera systems.

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AccuForm Cushion
Ideal for high-precision head and neck treatments when enhanced comfort, stability and repositioning accuracy are key.

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<tr>
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<tr>
<td>MTACL2035</td>
<td>AccuForm Cushion, 20 X 35 cm, Chamfered</td>
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</table>
Positioning & Immobilization Solutions

Visiting CIVCO's YouTube Channel for Instructional Videos

**Vac-Lok™ Cushions**
Create a rigid and secure support around the patient when a vacuum is drawn through a self-sealing, quick-release valve. The cushion retains its shape and guarantees stability and reproducibility of the patient's position for up to six weeks once the air is vacuumed out.

- Protective material coating provides greater cleanability than previous generation bags.
- Available for a span of clinical setups including head & neck, breast, pelvic & hip, and full body.
- Reusable for ultimate cost-effectiveness.

**AccuForm™ Cushions**
Ideal for high-precision head and neck treatments when enhanced comfort, stability and repositioning accuracy are key.

- Soft, cloth-covered pillow contains tiny beads coated in water-curable resin.
- Cushion becomes pliable when sprayed with water, allowing formation around patient's contours, including custom pitch and rise.
- Cushion forms a rigid, comfortable custom mold when dry.

**Patient Handles**
Clamp to the Universal Couchtop, providing a stable place for immobilized patients to place their hands.

- Indexable, providing reproducible arm and shoulder positioning.

**PolyMark™ Fiducial Markers**
The first biocompatible polymer-based markers. They minimize artifact, are visible using kV based IGRT solutions, MRI and are optimized for Proton Therapy.

**Chabner XRT® Radiation Bra**
Provides optimal breast support during simulation, planning and radiation treatment, including proton. The bra can also be used for breast support during other radiologic procedures, such as CT, MRI and diagnostic X-rays.

- Washable, reusable fitting bras provide a unique solution to properly size the patient.
- Customizable for a wide variety of body types.
- User-friendly for patient, therapist and physician.

**C-Qual M™ with Monarch™ Overhead Arm Positioner**
Provides an efficient approach for arms-up positioning, allowing proper superior/inferior adjustment of the board to the patient, helping reduce patient slide.

- Adjustable Monarch Overhead Arm Positioner increases positioning options for patients of varied torso lengths.
- Elevation Supports secure angles from 5° to 25° with nine different tilt positions.

**Body Pro-Lok ONE™ Respiratory Belt**
Provides pneumatic compression and immobilization to the abdominal region for SBRT Immobilization and attaches directly to the Universal Couchtop.

**Combifix™ 3**
The Combifix 3 baseplate indexes to the couchtop, combining the KneeFix™ and FeetFix™. Each cushion enhances the performance of the other, especially when treating the pelvic region.

- KneeFix 3 height is adjustable in 5 cm increments with the use of Elevation Blocks.
- FeetFix 3 is adjustable longitudinally in 8 indexable positions and 4 indexable angles.
Positioning & Immobilization Solutions

Technical Data available at CivcoRT.com

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