



Proton Couchtop & Immobilization Solutions



Choosing a Proton Head & Neck Positioning System*



ProForm™

Pages 5–7

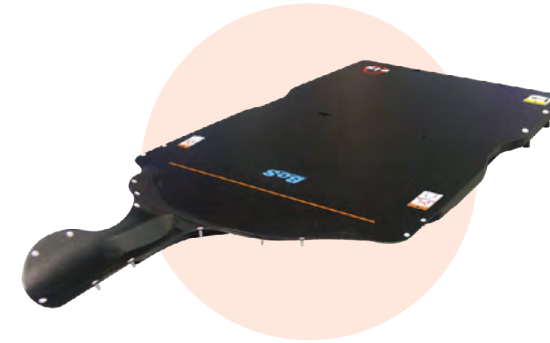
The ProForm system is our most recent proton innovation. This solution provides an easy to use mask attachment and a homogenous treatment region optimized for CNS patients.



Pediatric ProForm

Pages 5, 8–9

Pediatric ProForm compliments the adult ProForm solution and provides a solution fully optimized for positioning your pediatric patients.



BoS®

Pages 12–14

The BoS system's conformal shape provides optimal treatment beam angles and has become a standard for head & neck immobilization in proton therapy over the last 15 years.



Portrait™ Proton

Page 15

The Portrait proton system provides a complimentary head & neck solution for your kVue couchtops. The simple easy to use design is compatible with S-Type thermoplastic masks.

Couchtop Compatibility	Universal Couchtop™	Universal Couchtop
Extension or Insert Option	Yes, multiple lengths	Yes
Indexing Style	Prodigy™ 2	Prodigy 2
CT Overlay Option	Yes	Yes
MR Overlay Option	Yes	Yes
Thermoplastic Material	Aquaplast RT™	Aquaplast RT
Thermoplastic Special Features	Pre-cut eye and mouth, Open-face, Reinforced, Hair opening, Solid	Pre-cut eye and mouth, Open-face, Reinforced
Posterior Head Support	Customizable Cushion	Customizable Cushion
Shim Option	AccuForm™ Shim	AccuForm Shim
Contact	CIVCO RT	CIVCO RT

kVue™	kVue
Yes, multiple lengths	Yes
Varian Exact®	Varian Exact
Yes	Yes
Yes	Yes
Fibreplast® and Aquaplast RT	Fibreplast and Aquaplast RT
Open-face, Hair opening, Cranial flap	Open-face, Pre-cut eye and mouth, Variable Perf pattern
Foam Headrest, Customizable Cushion	Silverman, Customizable Cushion
Precut Foam Shim	Integrated in Frame, 0.5 mm increments
Qfix	Qfix

*These devices offer many configurations and compatibilities. Please consult your sales representative for more information.

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 RT positioning and immobilization devices
- 5 Year Warranty

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).

MTIL6840	F-Series
MTIL6841	L-Series

Mevion Medical Systems S250™ Series

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

MTIL7040	S250 Series
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Hitachi Ltd.

Compatible solutions available. Contact Hitachi for information.

Rectangular Extension

MTIL6673	64.9" (164.8 cm), Square profile
MTIL6676	64.9" (164.8 cm), CT compatible
MTIL6660	53.1" (134.9 cm), Standard profile
MTIL6684	53.1" (134.9 cm), Square profile



ProForm™ 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 frame and pin similar to CIVCO RT's Type-S™ system

Extensions

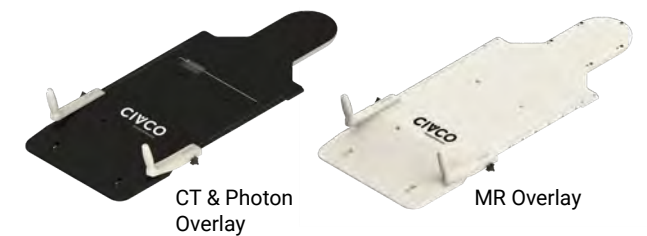
MTIL6675K	ProForm Head & Neck Extension, 53.9" (136.9 cm), includes Cushion Guide and UCT Patient Handles
MTIL6683K	ProForm Head & Neck Extension, 64.9" (164.9 cm), includes Cushion Guide and UCT Patient Handles
MTIL6682K	Pediatric ProForm Head & Neck Extension, 48.7" (123.7 cm), includes Cushion Guide and UCT Patient Handles

Additional ProForm Extension lengths are available. Contact your sales representative for more information.

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.

PRO300K	ProForm CT & Photon Treatment Overlay, 2-Pin Lok-Bar compatible, includes ProForm Cushion Guide, Patient Handles and Table Strap
PRO320K	ProForm MR Overlay, 3-Pin Lok-Bar compatible, includes Cushion Guide and Patient Handles MRSeries™
PRO400K	Pediatric ProForm CT & Photon Treatment Overlay, 2-Pin Lok-Bar compatible, includes ProForm Cushion Guide and Patient Handles
PRO420K	Pediatric ProForm MR Overlay, 3-Pin Lok-Bar compatible, includes ProForm Cushion Guide and Patient Handles MRSeries™



ProForm™ Thermoplastic

Masks are sold in boxes of 5 and are disposable.



FreedomView™ Reinforced Style 18

PRO330IM1832CL Head Only, 3.2 mm

PRO331IM1832CL Head, Neck & Shoulders, 3.2 mm

PRO331IM1832CLN Head, Neck & Shoulders, Narrow

ClearVision™ 2

PRO330IM1832SG Head Only, 3.2 mm

PRO331IM1832S Head, Neck & Shoulders, 3.2 mm

PRO3311832SGN Head, Neck & Shoulders, Narrow

Shoulder Thermoplastic Docking

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.

Not available for pediatric.



Reinforced Style 18

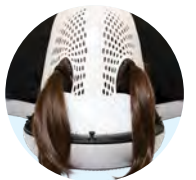
PRO330IM1832 Head Only, 3.2 mm

PRO331IM1832 Head, Neck & Shoulders, 3.2 mm

PRO331IM1832N Head, Neck & Shoulders, Narrow

Reinforced Style 18 with Hair Openings

PRO330IM1832PT Head Only, 3.2 mm



Standard Perforated

PRO330 Head Only, 3.2 mm

Solid With Perforated Nose

PRO330SPN32 Head Only, 3.2 mm

Registration Film

PRO340 Qty 5

AccuForm™ Cushion

MTACL2035 20 x 35 cm Chamfered, Qty 1

ProForm™ Pediatric Thermoplastic

Masks are sold in boxes of 5 and are disposable.



FreedomView™ Reinforced Style 18

PRO430IM1832CL Pediatric Head Only, 3.2 mm

PRO431IM1832CL Pediatric Head, Neck & Shoulders, 3.2 mm



ClearVision™ 2

PRO430IM1832SG Pediatric Head Only, 3.2 mm

PRO431IM1832SG Pediatric Head, Neck & Shoulders, 3.2 mm



Reinforced Style 18

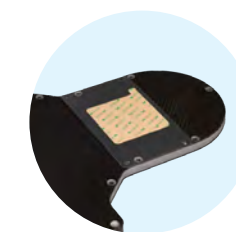
PRO430IM1832 Pediatric Head Only, 3.2 mm

PRO431IM1832 Pediatric Head, Neck & Shoulders, 3.2 mm



Standard Perforated

PRO430 Pediatric Head Only, 3.2 mm



Registration Film

PRO440 Pediatric, Qty 5



AccuForm™ Cushion

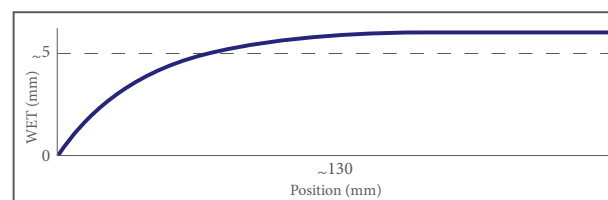
MTACL2035 20 x 35 cm Chamfered, Qty 1

kVue™ One Proton Couch Top

The kVue One Proton Couch Top is rigid, lightweight and specifically designed for use with a robotic couch, which is frequently used in proton therapy applications. The versatile kVue platform provides a wide range of positioning and immobilization options for treating tumors of varying complexities.

The expansive array of kVue inserts provide clinicians the flexibility to develop and manage treatments that are best suited for a patient's specific treatment needs. All kVue Inserts are easily adapted to a variety of radiotherapy treatments in one simple solution.

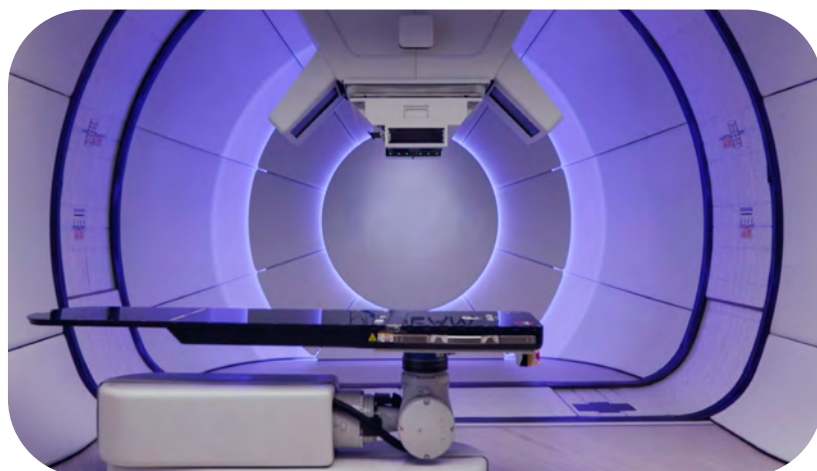
- Specifically designed to provide range shift confidence for proton therapy
- Interchangeable inserts for full range of proton therapy treatments
- For use with a robotic couch



Typical kVue One Proton Water Equivalence Profile



RT-4551KV-03 kVue One Proton Couch Top



kVue™ Proton Couch Top

The kVue Proton Couch Top is specifically designed for use with robotic couches. Please call to discuss specific applications.

Please call to discuss specific applications



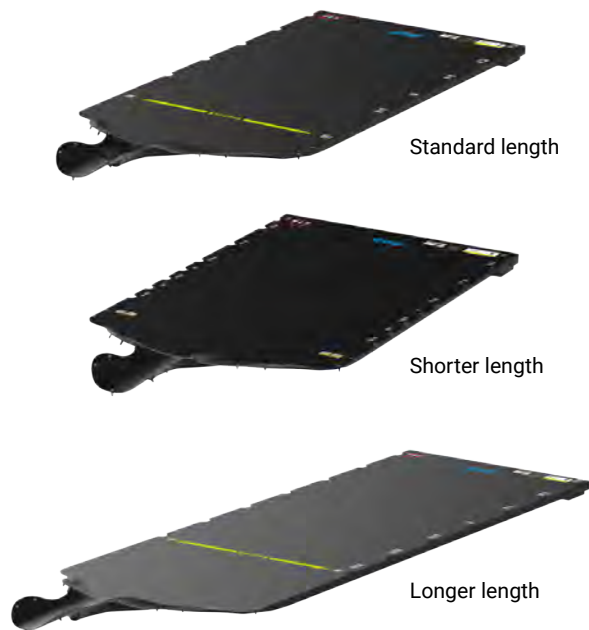
kVue™ BoS® Proton System

BoS Inserts

kVue BoS Inserts are specifically designed to meet the unique requirements of proton therapy for patient immobilization and beam transmission. The BoS Frame is engineered to rigidly support the patient without using a flat base that blocks the use of important proton beam angles.

The conformal shape is designed to minimize the distance between the patient and the field defining aperture, optimizing the beam proton penumbra.

kVue BoS Insert is available in two additional lengths. The shorter version which is required to treat vertex fields in some robotic couch setups and a longer version that is required to treat lower spinal fields on tall patients.



RT-4535KV	Standard length, 132 cm
RT-4535KV01	Shorter length, 121 cm
RT-4535KV03	Longer length, 158 cm

BoS Headframes

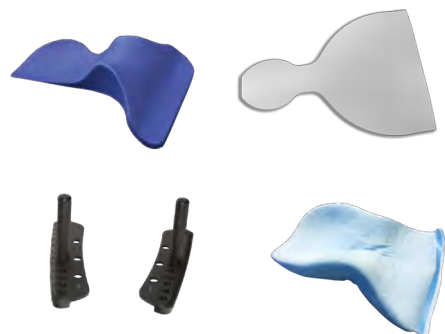
The BoS Headframe is engineered to rigidly support the patient without using a flat base that blocks the use of important proton beam angles. The BoS MR Headframe enables enhanced imaging in both CT and MR while also facilitating the use of CT fusion techniques.



RT-4535BOSMRI	BoS MR Headframe
RT-4535BOS	BoS Headframe

BoS Accessories

RT-4490BOS1	Foam Headrest, Qty 1
RT-4485	Precut Foam Shim for BoS Headframe, Qty 1
RT-4525HGA	Hand Grips, Pair
RT-4492U	MOLDCARE U Head Cushion, 20 x 35 cm



BoS® Thermoplastics

Masks are sold in boxes of 10 and are disposable.

Head & Neck, Head & Shoulders, 31 cm wide, 3.2 mm

RT-1878KBOS-D2LSF	Assure™ Open View Fibreplast® Head & Neck, Micro perf with Cranial Flap
RT-1878KBOS-E2LF	Assure Open View Fibreplast Head & Shoulders, Micro perf with Cranial Flap



Head & Neck, 26 cm wide, 3.2 mm

RT-1878BOS-D2LVS	Aquaplast RT™, Micro perf with Cranial Flap
RT-1878KBOS-D2LVS	Fibreplast, Micro perf with Cranial Flap
RT-1882BOS-DVS	Aquaplast RT, Standard perf
RT-1882KBOS-DVS	Fibreplast, Standard perf



Head & Neck, 31 cm wide, 3.2 mm

RT-1878BOS-D2LS	Aquaplast RT, Micro perf with Cranial Flap
RT-1878KBOS-D2LS	Fibreplast, Micro perf with Cranial Flap
RT-1882BOS-DS	Aquaplast RT, Standard perf
RT-1882KBOS-DS	Fibreplast, Standard perf



Head & Neck, 38 cm wide, 3.2 mm

RT-1878BOS-D2L	Aquaplast RT, Micro perf with Cranial Flap
RT-1878KBOS-D2L	Fibreplast, Micro perf with Cranial Flap
RT-1882BOS-D	Aquaplast RT, Standard perf
RT-1882KBOS-D	Fibreplast, Standard perf



Head & Shoulders, 43 cm wide for BoS Headframe, 3.2 mm

RT-1878BOS-E2LS	Aquaplast RT, Micro Perf with Cranial Flap
RT-1878KBOS-E2LS	Fibreplast, Micro Perf with Cranial Flap
RT-1882BOS-ES	Aquaplast RT Small, Standard perf
RT-1882KBOS-ES	Fibreplast Small, Standard perf



Head & Shoulders, 48 cm wide, 3.2 mm

RT-1878BOS-E2L	Aquaplast RT, Micro perf with Cranial Flap
RT-1878KBOS-E2L	Fibreplast, Micro perf with Cranial Flap
T-1882BOS-E	Aquaplast RT, Standard perf
RT-1882KBOS-E	Fibreplast, Standard perf



Measurement is taken at thermoplastics maximum width

Symphony® Patient Transfer System with BoS® AirShuttle™

A Symphony solution combines an AirShuttle positioning & transfer device with an AirDrive™ system to provide smooth patient transfers for imaging and treatment applications. AirShuttles and AirDrives can be used in imaging modalities including CT, X-Ray, ultrasound, fluoroscopy, MRI (up to 3 Tesla), and radiation therapy treatment environments.

- Safely transfer your patient with minimal clinical staff
- Transfer on and off a wide variety of surfaces including sheet-covered pads and mattresses
- Patient positioning can include immobilization, where required
- Suitable for use in MRI
- Designed for proton therapy, the conformal shape of the device optimizes the penumbra and minimizes the blockage of important proton beam angles

RT-1500-04 BoS AirShuttle



BoS® AirShuttle™



AirDrive Trolley™



AirDrive Caddie™

kVue™ Portrait™ Proton System

Portrait Proton Insert

The kVue Portrait Proton Insert is ideal for proton craniospinal radiotherapy treatments where whole brain lateral fields are combined with PA spine fields. The attenuation is constant throughout the device.

- Homogeneous, carbon fiber design provides constant WET from cranium to sacrum
- Compatible with S-Type head only and Head and Shoulder Thermoplastic masks

RT-4552KV-01 Portrait Insert



Portrait Accessory

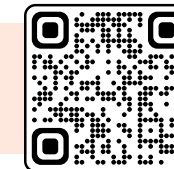
RT-4525HGA Hand Grips, Pair

RT-4492U MOLDCARE U Head Cushion, 20 x 35 cm, Qty 1

RT-4491R2 Silverman Head Support, Set of 6, Sizes A-F



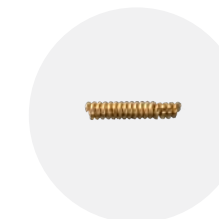
Visit Qfix.com for a full list of thermoplastic compatible with the Portrait System!



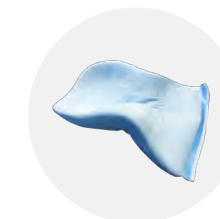
Visit CivcoRT.com and Qfix.com to view all our positioning and immobilization solutions for proton!



PolyMark™ Fiducial Markers



PointCoil™ Fiducial Markers



AccuForm™ Cushions



Silverman Headrests

... and more!

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