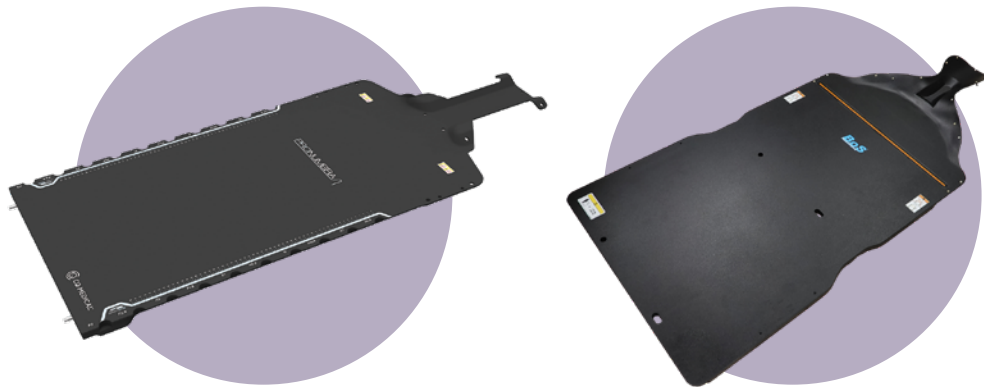


PROTONSERIES™



CHOOSING A PROTON HEAD & NECK POSITIONING SYSTEM*



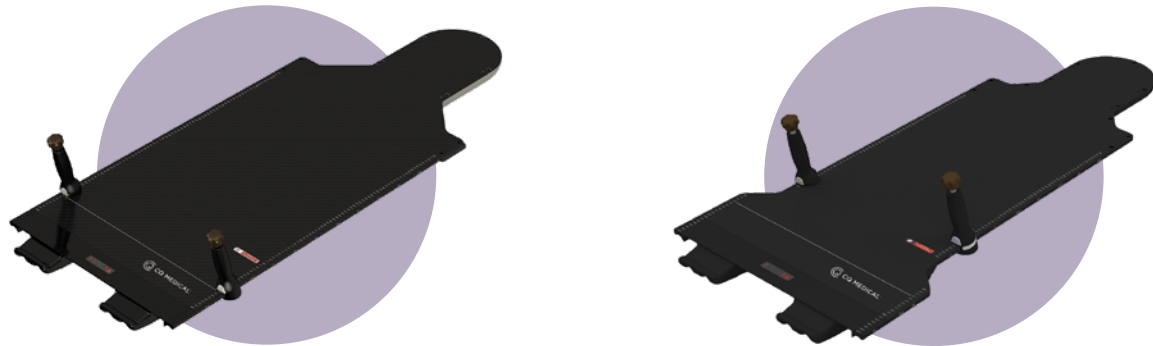
Pronumbra™ NEW!

BoS® Headframe

The next generation of proton head & neck immobilization is here. The Pronumbra system’s conformal design ensures the most effective treatment beam angles.

The BoS system’s conformal shape provides optimal treatment beam angles and has been a standard for head & neck immobilization in proton therapy over the last 16 years.

COUCHTOP COMPATIBILITY	kVue	kVue
EXTENSION OR INSERT OPTION	Insert, multiple lengths	Yes, multiple lengths
INDEXING STYLE	Varian Exact	Varian Exact
CT OVERLAY OPTION	Yes	Yes
MR OVERLAY OPTION	Contact Sales	Yes
THERMOPLASTIC MATERIAL	Fibreplast	Fibreplast and Aquaplast RT
THERMOPLASTIC SPECIAL FEATURES	Hair Opening, Standard Perf, Micro Perf	Open-face, Hair opening, Cranial flap, Standard Perf, Micro Perf
POSTERIOR HEAD SUPPORT	Neck Supports with Customizable Cushion	Foam Headrest, Customizable Cushion
SHIM OPTION	Integrated in Frame, 0.5 mm increments	Precut Foam Shim



ProForm™

Pediatric ProForm

The ProForm system provides an easy to use mask attachment and a homogenous treatment region optimized for CNS patients.

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

Universal Couchtop	Universal Couchtop
Yes, multiple lengths	Yes
Prodigy 2	Prodigy 2
Yes	Yes
Yes	Yes
Aquaplast RT	Aquaplast RT
Pre-cut eye and mouth, Open-face, Reinforced, Hair opening, Solid	Pre-cut eye and mouth, Open-face, Reinforced
Customizable Cushion	Customizable Cushion
AccuForm Shim	AccuForm Shim

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

kVue Pronumbra Head & Neck System

CAREFULLY CRAFTED FOR PHYSICISTS

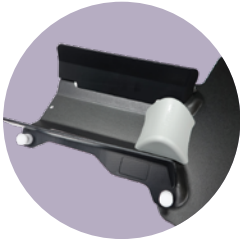
The device's conformal design, combined with customizable patient positioning options, optimizes the proton beam penumbra, and maximizes treatment angles to achieve the best possible outcomes.

IMPROVED THERAPIST WORKFLOW

We've packed in our top-of-the line features like Helping Hands for consistently crafted, customizable head cushions, thermoplastic Integrated Shim technology for instant setup feedback, and an intuitive mask pin system for a more efficient setup and treatment process.



Achieve precise cushion shaping for improved treatment planning with the innovative Helping Hands™ device



Adjust the mask's fit in critical areas using the Integrated Shim for precise control



Headrest options enhance patient positioning and improve cushion indexing for better overall comfort and accuracy



Clearly visible docking locations and a standard thermoplastic pin system ensure intuitive and effortless use



Inserts

Packages include Insert, Neck Supports (40, 50, and 65 mm), Helping Hands Cushion Manager, Shoulder Adapters, InfinityLock Hand Grips, and Locking Locating Bar.

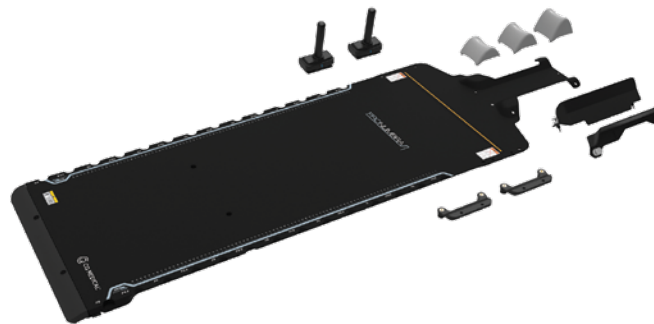
RT-4536KV-100	kVue Pronumbra Insert, 130 cm Package
RT-4536KV-200	kVue Pronumbra Insert with Virtual Indexing™, 158 cm Package

CT Overlay

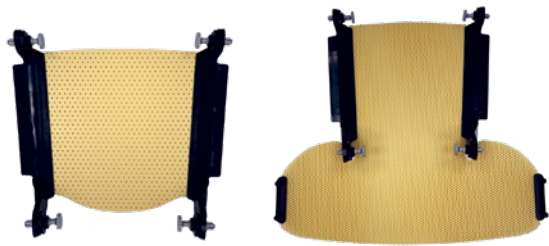
Enables a seamless patient transition from simulation to treatment on the kVue Pronumbra Insert.

Package includes Overlay, Neck Supports (40, 50, and 65 mm), Helping Hands Cushion Manager, Shoulder Adapters, InfinityLock Hand Grips, and Locking Locating Bar.

RT-4536-100	Pronumbra Overlay, 163 cm Package
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kVue Pronumbra Accessories



Fibreplast with Integrated Shim™ Thermoplastics

RT-C876K	Head Only, Microperf, 3.2 mm, Qty 5/Box
RT-C889K	Head Only, Standard Perf, 3.2 mm, Qty 5/Box
RT-C878K	Head, Neck & Shoulders, Microperf, 3.2 mm, Qty 4/Box
RT-C892K	Head, Neck & Shoulders, Standard Perf, 3.2 mm, Qty 4/Box

Pronumbra Neck Support

RT-4536-NS40	40 mm
RT-4536-NS50	50 mm
RT-4536-NS65	65 mm

Pronumbra Shoulder Adapters

RT-4536-SA01

InfinityLock™ Hand Grips

RT-4800-04

AccuForm Cushions

MTACL2035	20 x 35 cm
MTACL2035HF	20 x 35 cm Chamfered

Locking Locating Bar

RT-4551BAR-05



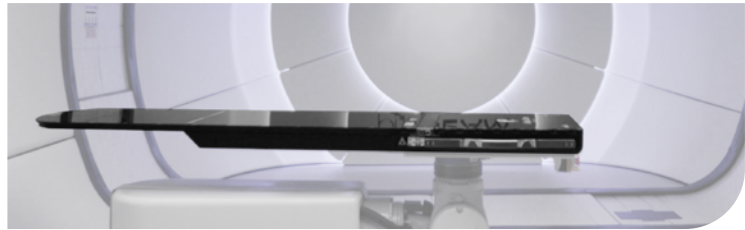
kVue™ One Proton Couchtop

The kVue One Proton Couchtop 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

RT-4551KV-03 kVue One Proton Couchtop

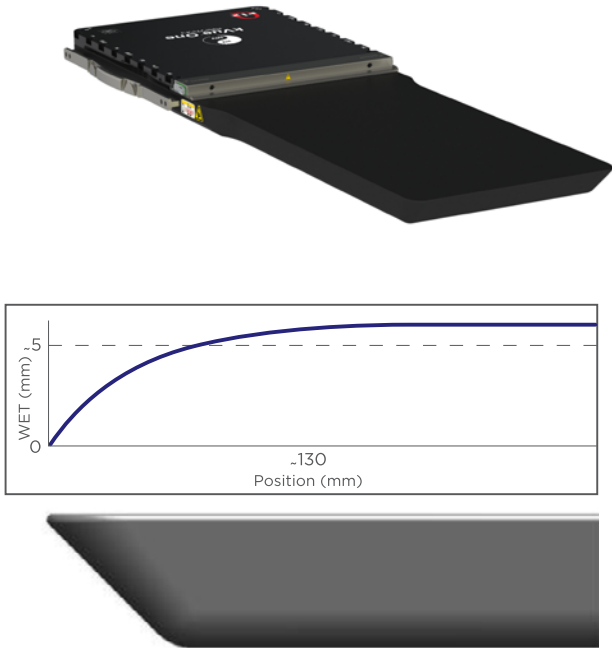


kVue Proton Couchtop

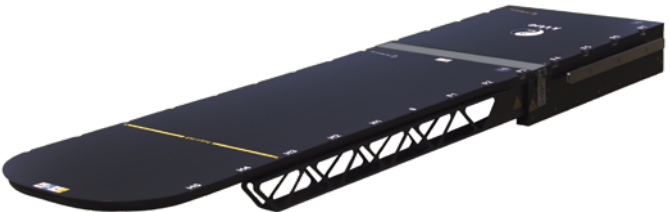
The kVue Proton Couchtop is specifically designed for use with robotic couches.

MANY KVUE STANDARD INSERT OPTIONS ARE AVAILABLE.
CONTACT YOUR SALES REPRESENTATIVE FOR MORE INFORMATION.

BOS AIRSHUTTLE™ FOR USE WITH SYMPHONY® AIRDRIVE SYSTEM
See page 16 for more information.



Typical kVue One Proton Water Equivalence Profile



kVue BoS® Proton System

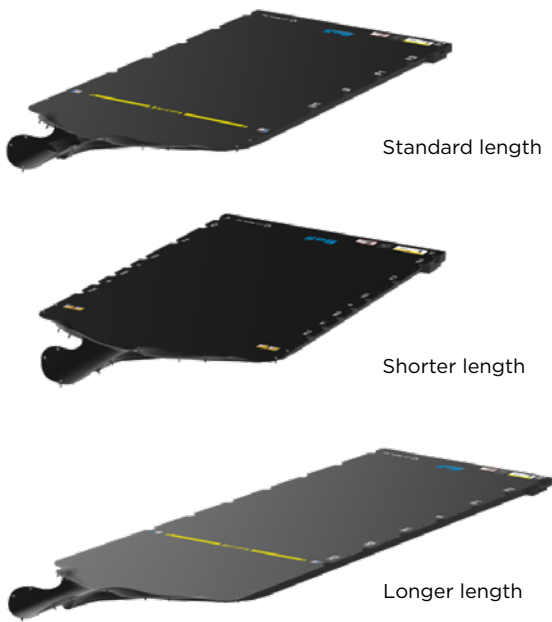
BoS Inserts

kVue BoS inserts are specifically designed to meet the unique requirements of proton therapy for patient immobilization and beam transmission. The BoS device 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 inserts are 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.

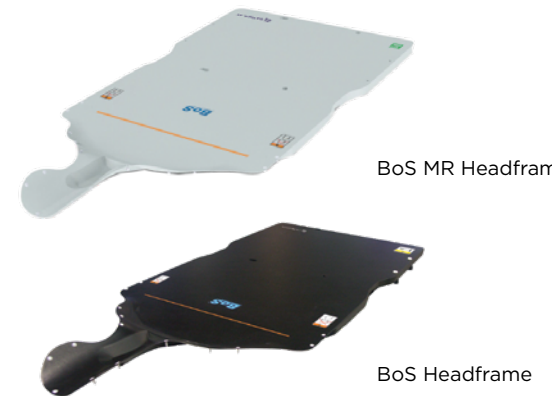
RT-4535KV	Standard length, 132 cm
RT-4535KV01	Shorter length, 121 cm
RT-4535KV03	Longer length, 158 cm



BoS Headframes

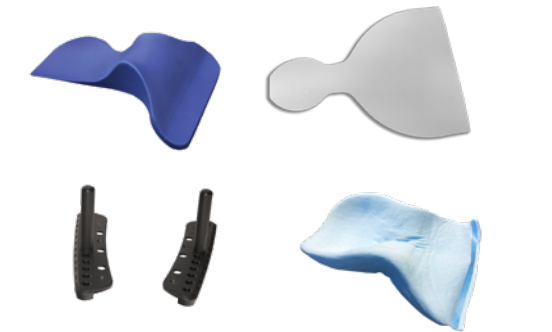
The BoS Headframe is engineered to rigidly support the patient without using a flat base that blocks the use of important proton beam angles. The BoS MR Headframe enables enhanced imaging in both CT and MR while also facilitating the use of CT fusion techniques.

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	AccuForm U Head Cushion, 20 x 35 cm



BoS Thermoplastics

Masks on this page are disposable and sold in Qty 1. Must purchase in multiples of 10.

The innovative 3D shape matches the contour of the BoS device, which is designed to meet the unique requirements of proton therapy for patient immobilization and beam transmission. These masks come in a variety of different options, allowing for head and neck as well as head and shoulder immobilization.



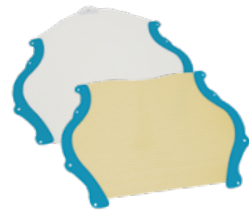
Head & Neck, 24 cm wide for smaller patients

RT-1782BOS-DXS	Aquaplast RT (Extra Small), Standard Perf, 2.4 mm
RT-1882KBOS-DXS	Fibreplast (Extra Small), Standard Perf, 3.2 mm



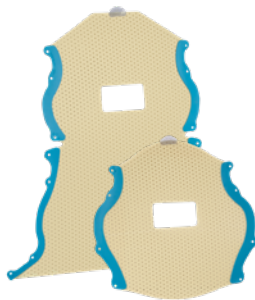
Head & Neck, 26 cm wide, 3.2 mm

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, Head & Shoulders, 3.2 mm

RT-1878KBOS-D2LSF	Assure™ Open View Fibreplast Head & Neck, Micro Perf with Cranial Flap, 31 cm wide
RT-1878KBOS-E2LF	Assure Open View Fibreplast Head & Shoulders, Micro Perf with Cranial Flap, 43 cm wide

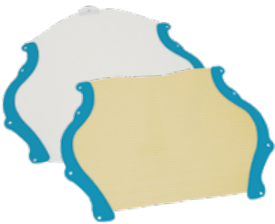


BoS Thermoplastics

Masks on this page are disposable and sold in Qty 1. Must purchase in multiples of 10.

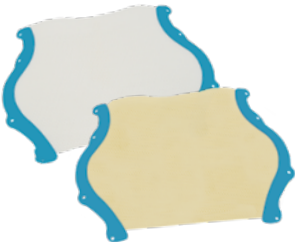
Head & Neck, 31 cm wide, 3.2 mm

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



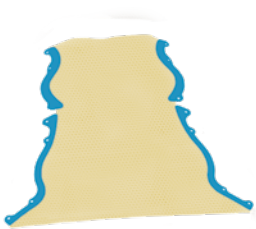
Head & Neck, 38 cm wide, 3.2 mm

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



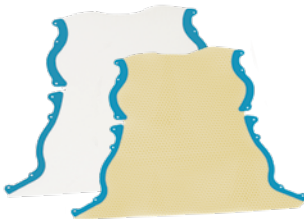
Head & Shoulders, 43 cm wide, 3.2 mm

RT-1878BOS-E2LS	Aquaplast RT (Small), Micro Perf with Cranial Flap
RT-1878KBOS-E2LS	Fibreplast (Small), 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
RT-1882BOS-E	Aquaplast RT, Standard Perf
RT-1882KBOS-E	Fibreplast, Standard Perf

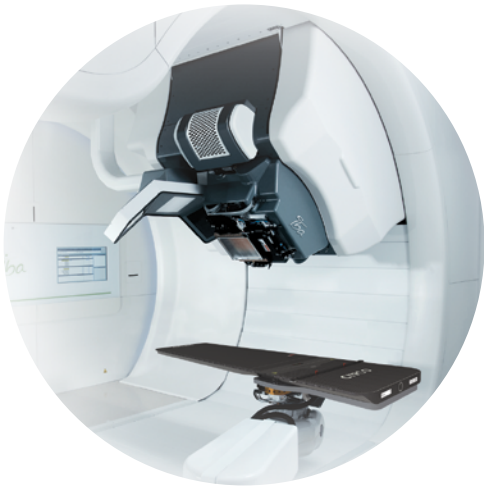


Measurement is taken at thermoplastics maximum width.

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.

- 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 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).

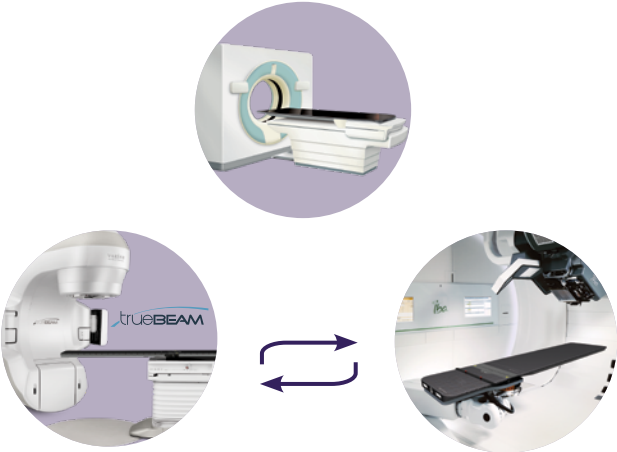
MTIL7040	S250 Series
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Hitachi Ltd.

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



A universal platform
for immobilization &
positioning



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.

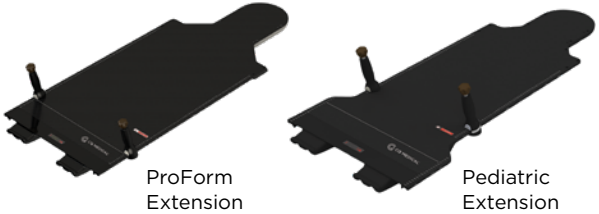
- Homogeneous treatment area and soft gradient edges reduce beam degradation
- Head & Neck area provides fixed points that allow repeatable positioning and security of the AccuForm Cushion
- Thermoplastic mask attaches with a smaller profile frame and pin similar to the Type-S system



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

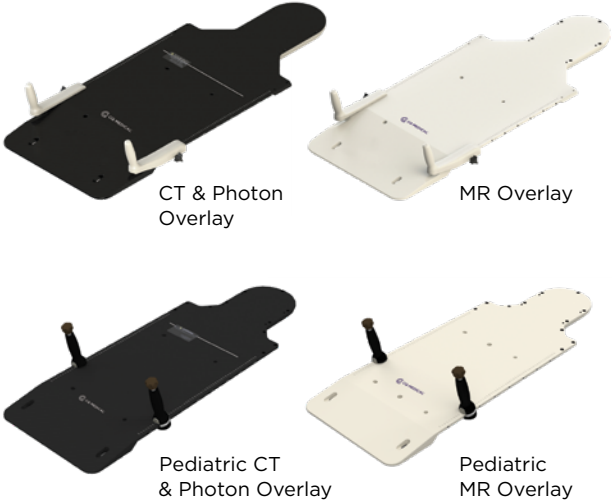
Additional ProForm Extension lengths are available. Contact your sales representative for more information.



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
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



ProForm Thermoplastic

Masks are sold in boxes of 5 and are disposable. ProForm Thermoplastics are made from Aquaplast RT material.



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
PRO331IM1832SGN	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.



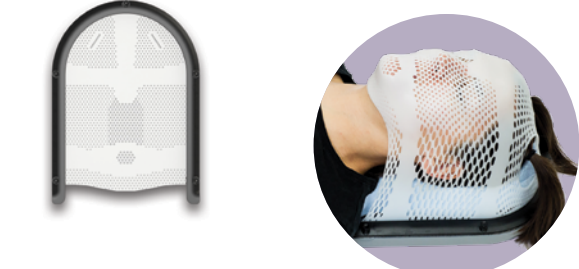
ProForm Thermoplastic

Masks are sold in boxes of 5 and are disposable. ProForm Thermoplastics are made from Aquaplast RT material.



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
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Standard Perforated

PRO330	Head Only, 3.2 mm
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Solid With Perforated Nose

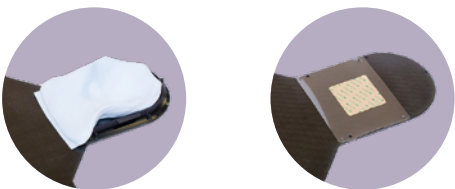
PRO330SPN32	Head Only, 3.2 mm
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Registration Film

PRO340	Qty 5
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AccuForm™ Cushion

MTACL2035	20 x 35 cm Chamfered, Qty 1
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Pediatric ProForm Thermoplastics

Masks are sold in boxes of 5 and are disposable. ProForm Thermoplastics are made from Aquaplast RT material.



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

Pediatric ProForm Thermoplastics

Masks are sold in boxes of 5 and are disposable. ProForm Thermoplastics are made from Aquaplast RT material.



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
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Registration Film

PRO440	Pediatric, Qty 5
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AccuForm Cushion

MTACL2035	20 x 35 cm Chamfered, Qty 1
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BoS AirShuttle™ for use with Symphony® AirDrive System

A Symphony solution combines an AirShuttle positioning & transfer device with an AirDrive system to provide smooth patient transfers for imaging and treatment applications. Designed for proton therapy, the conformal shape of the BoS AirShuttle optimizes the penumbra and minimizes the blockage of important proton beam angles. When utilized alongside the Symphony AirDrive System, it facilitates seamless patient transfers for imaging and treatment procedures.

- 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

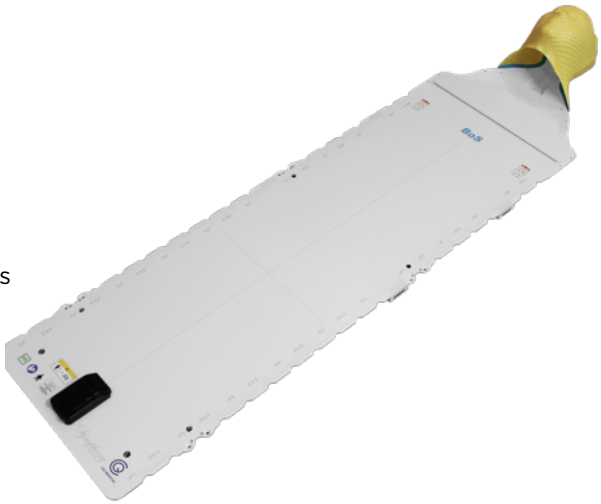
RT-5100-04 BoS AirShuttle

BoS AirShuttle Packages

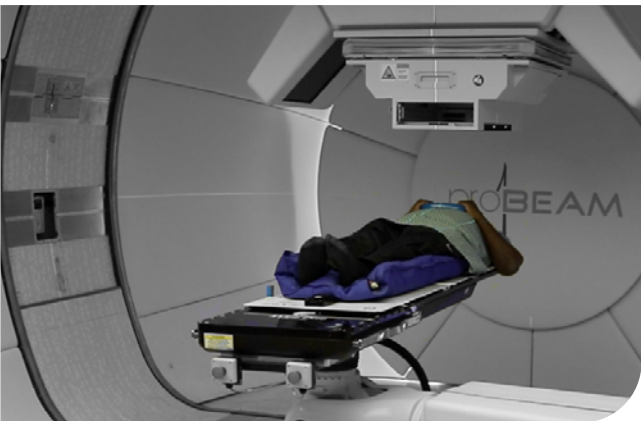
Both packages include: AirShuttle Transfer Handles (x2), AirShuttle Locating Bars (x2)

RT-5100-400 w/ AirDrive Trolley

RT-5100-400S w/ AirDrive Caddie

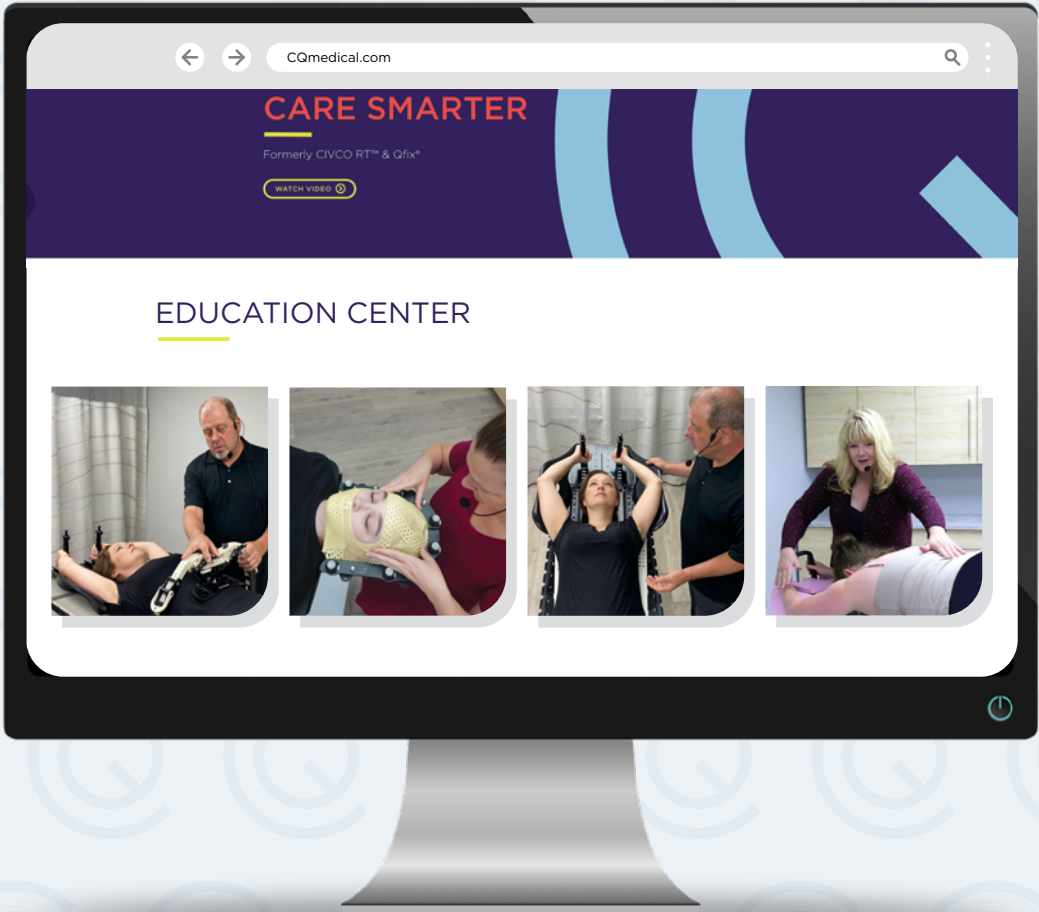


AirDrive Trolley



AirDrive Caddie

CQ MEDICAL EDUCATION CENTER



The CQ Medical Education Center is designed to **simulate a clinical environment** and **facilitate educational webinars**. The center allows us to provide **uninterrupted support** to our clinical partners around the world.

One of the greatest benefits of an interactive, web-based session is the ability to showcase our positioning & immobilization solutions and treatment options. It helps us understand your current workflow so that we can **focus on the device and techniques that work best for you**.

We are excited to offer a live learning resource to our customers & partners!



**VIEW OUR CE WEBINAR OPPORTUNITIES OR
SCHEDULE A TRAINING COURSE**



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