

SBRT Patient Positioning + Immobilization Solutions

for improved patient outcomes + clinical efficiencies

 **Body Pro-Lok ONE™**



CIVCO
Radiotherapy™
a better way

Body Pro-Lok ONE™: Customizable, Efficient, Reproducible

The Body Pro-Lok ONE System provides one simple solution for complex SBRT patient setups. This system features the ONEBridge, with unique design features allowing for improved patient positioning and compression plate restriction.

Customizable & Efficient

- Provides total body immobilization for hypo-fractionation treatments
- Kevlar ONEPlatform™ provides seamless setup of patient from MR imaging/simulation to the Linac unit
- Customized setups meet the patient's needs, including two options for reducing respiratory motion

Reproducible

- Components are indexable, allowing you to reproduce the same setup from day to day
- Immobilization above and below the patient are reproducible following published guidelines
- Setup sheet simplifies daily record keeping



Support for SBRT & Body Pro-Lok ONE™

Fifty percent of lung tumors move >5 mm during treatment and unfixed tumors in the lower lobe can easily move >10 mm. This motion is not one-dimensional.¹

"4DCT generated target MIP images may not adequately capture the entire target motion span, which can result in dosimetric inaccuracy in SBRT lung treatments...Targeting is more accurate when abdominal compression is used to reduce motion, compared with even sophisticated free breathing approaches."²

¹ <http://www.ncbi.nlm.nih.gov/pubmed/14752729>

² Huang L, Park K, Boike T, Lee P, Papiez L, Solberg T, Ding C, Timmerman RD. "A Study on the Dosimetric Accuracy of Treatment Planning for Stereotactic Body Radiation Therapy of Lung cancer using Average and Maximum Intensity Projection Images." Radiotherapy and Oncology. Journal of the European Society for Therapeutic Radiology and Oncology. 2010 April 27.

Improved Patient Positioning and Respiratory Restriction

The Body Pro-Lok ONEBridge is the only bridge on the market that features variable height adjustment along with lateral and tilting offset for varying body types. Two plate options are available for assisting in restricting respiratory movement: the Standard Respiratory Plate, or a Wide Respiratory Plate which can be coupled with a ComfortCare Cushion for additional customized comfort. A Respiratory Belt option is also available.

ONEBridge™

- Variable height adjustment with just one bridge
- Lateral offset ability allows the bridge and plate to adapt to the patient's natural posture and body type
- Tilting offset ability allows optimal patient positioning for enhanced gantry clearance
- Advanced latch engineered to release in less than three seconds for patient safety



Respiratory Plate & Respiratory Belt

- Respiratory Plates place pressure at the level of the diaphragm to assist in restricting respiratory movement.
- Respiratory Belts provide pneumatic compression and immobilization to the abdominal region for SBRT treatments.



Wide Respiratory Plate with ComfortCare™ Cushion

- Wide Plate helps diffuse pressure across the abdominal region, resulting in a more comfortable compression for the patient
- ComfortCare Cushions, featuring innovative and patented technology by Pearl Technology AG, provides a new dimension of customized comfort at a reproducible pressure level.



Standard Respiratory Plate



ONE Respiratory Belt



Wide Respiratory Plate with ComfortCare Cushion

Universal Couchtop™

Seamless Integration

- Body Pro-Lok ONE positioning devices natively connect to CIVCO RT's Universal Couchtop, allowing customized setups with bridges that secure directly to couchtop.
- CIVCO RT's Universal Couchtop is available for Linac and CT, providing an environment in simulation that is reproducible and dosimetrically matched in treatment.

No Dosimetric Compromises

- CIVCO RT's Universal Couchtop is a strong, lightweight couchtop that offers DoseMatch™ Technology which reduces your chance of setup errors by creating safe and efficient treatment planning and imaging.
- Many extensions, all Body Pro-Lok ONE™ enabled, are available to treat without using dose-attenuating overlays or support rails.



“ We have become a referral center for SBRT patients and have employed CIVCO RT's Body Pro-Lok system for several years. It is my opinion that reproducible immobilization and abdominal compression is vital to assist in accurate targeting of lung cancers and other localized tumors. We recently upgraded our Body Pro-Lok system to the new Body Pro-Lok ONE and added a second complete system. We find it to be more flexible and efficient, especially with larger patients, without sacrificing the precision I demand.

Ronald C. McGarry, M.D., Ph.D. University of Kentucky, Lexington, Kentucky

”

Comprehensive Accessory Package for UCT

ONEBridge™	Qty 2
ONEBridge Storage Base	2
Body Pro-Lok ONE Respiratory Belt	1
Standard Respiratory Plate	1
Clam-Lok™ Cushion	2
Kneefix™ 3 Cushion	1
Feetfix™ 3 Cushion	1
BPLONEUPG3	

TotalRT Platform and ONEPlatform™



Both platforms feature the Universal Couchtop™ profile and Prodigy™ 2 indexing, providing seamless integration of CIVCO RT's positioning and immobilization solutions.

TotalRT

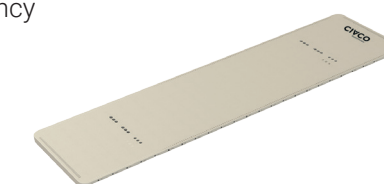
- Easily indexable on CT, MR and photon treatment tables with two Lok-Bars
- Integrated Type-S head and neck profile allows additional flexibility in SRS, head & neck, brain and craniospinal setups
- Large, artifact-free and homogeneous treatment area for precise dose delivery

See next page for package details.



ONEPlatform

- Lightweight and 72" long for easy transport between CT, MR and treatment
- Indexing holes and Transverse Lok-Bar™ allow lateral offset of platform for optimal clearance
- Provides low attenuation with homogeneous design for planning consistency



System Customization

ONEBridge™

Unique design features allow for improved patient positioning and compression plate restriction. Storage base is available.



Wide Respiratory Plate with ComfortCare™ Cushion

Helps diffuse pressure across the abdominal region, resulting in a more comfortable compression for the patient.



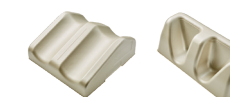
Monarch™ Overhead Arm Positioner

Dual function hand grips allow for natural flexion of the patient's wrists while providing increased positioning options for the clinician.



Kneefix™ 3 & Feetfix™ 3 Cushions

Contributes to better stability and reproducibility in the supine position.



Headrests

Headrests provide enhanced repositioning, accuracy and patient comfort.



ONE Respiratory Belt

Provides pneumatic compression and immobilization to the abdominal region.



Standard Respiratory Plate

Places pressure at the level of the diaphragm to assist in restricting respiratory movement.



Extended Wing Board

Can be used with a T- or U-Grip handle and is indexable for enhanced reproducibility from imaging through treatment.



Lok-Bars

Lok-Bars allow indexing of positioning devices to the couchtop or ONEPlatform.



Patient Handles

Patient handles provide a stable place for immobilized patients to place their hands.



For a full list of compatible accessories, see CIVCO RT's Solutions Guide catalog or visit www.CivcoRT.com!

Platform Packages

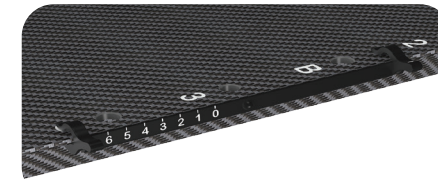
Product	BPL410 TRT PLATINUM	BPL110 ONE PLATINUM	BPL400 TRT GOLD	BPL100 ONE GOLD	BPL430 TRT SILVER	BPL130 ONE SILVER
 TotalRT All in One Platform	1	-	1	-	1	-
 Type-S™ Lok-Bar™	1	-	1	-	1	-
 ONEPlatform™	-	1	-	1	-	1
 Prodigy™ 2, Lok-Bar, MRI	3	4	3	4	-	-
 Body Pro-Lok ONEBridge™	2	2	1	1	-	-
 ONEBridge Storage Base	2	2	1	1	-	-
 Body Pro-Lok ONE Respiratory Belt	1	1	1	1	1	1
 Wide Respiratory Plate with ComfortCare™ Cushion Starter Kit	1	1	1	1	-	-
 Clam-Lok™ Cushion	2	2	2	2	-	-
 Kneefix™ 3	1	1	1	1	-	-
 Feetfix™ 3	1	1	-	-	-	-
 Standard Respiratory Plate	-	-	-	-	1	1
 Type 2 Body Pro-Lok™ Bridge & Adapters (MTIL6615)	-	-	-	-	1	1
 Type 1B Body Pro-Lok™ Bridge & Adapters (MTIL6616)	-	-	-	-	1	1

Additional Body Pro-Lok ONE™ Integration

Additional solutions are available to accommodate the use of Body Pro-Lok ONE accessories when Universal Couchtop™ is not available and avoidance of an overlay or platform is preferred.

Elekta iBEAM® evo Couchtop

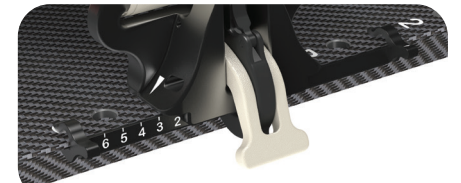
- Provides direct attachment of the ONEBridge™ and ONE Respiratory Belt to iBEAM evo Couchtop
- Allows Body Pro-Lok ONE to be utilized with Elekta HexaPOD™ and iGUIDE Reference Frame
- Allows for 1 cm indexing of the ONEBridge and ONE Respiratory Belt to the couchtop



Shown attached to iBEAM evo couchtop with adapter and 1 cm indexing capability



Bridge attachment with adapter



Belt attachment with adapter

evo Adapter ONEPlatform™ Packages

	One	Two
ONEPlatform w/ four 3-pin Lok-Bars™	Qty 1	Qty 1
ONEBridge	1	2
ONEBridge Storage Base	1	2
Body Pro-Lok ONE Respiratory Belt	1	1
Wide Respiratory Plate w/ ComfortCare™ Cushion (x3) and Hand Pump	1	1
Clam-Lok™ Cushion	2	2
Kneefix 3™ Cushion	1	1
Feetfix 3™ Cushion	-	1
Body Pro-Lok ONE evo Adapter	1 Pair	2 Pair
	BPL200	BPL210

evo Adapter Comprehensive Accessory Package

ONEBridge	Qty 2
ONEBridge Storage Base	2
Body Pro-Lok ONE Respiratory Belt	1
Wide Respiratory Plate w/ ComfortCare™ Cushion (x3) and Hand Pump	1
Clam-Lok Cushion	2
Kneefix 3 Cushion	1
Feetfix 3 Cushion	1
Monarch™ Overhead Arm Positioner	1
T-Shape Vac-Lok™	1
Body Pro-Lok ONE evo Adapter	2 Pair
	BPL230

Proton Solutions



Body Pro-Lok ONE Respiratory Belt

- Provides pneumatic compression and immobilization to the abdominal region
- Attaches directly to the Universal Couchtop





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