SBRT Patient Positioning + Immobilization Solutions
for improved patient outcomes + clinical efficiencies

Body Pro-Lok ONE™

Body Pro-Lok™

CIVCO
Radiotherapy
a better way
Customizable, Efficient, Reproducible

Customizable & Efficient
- Provides total body immobilization for hypo-fractionation treatments
- Kevlar platform options provide seamless setup of patient from 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

Body Pro-Lok ONE™ and Body Pro-Lok™ on Universal Couchop™

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

No Dosimetric Compromises
- CIVCO’s Universal Couchop is a strong, lightweight couchop that offers DoseMatch™ Technology which reduces your chance of setup errors by creating safe and efficient treatment planning and imaging.
- Seven extensions, all Body Pro-Lok™ enabled, are available to treat without using dose-attenuating overlays or support rails.

Platforms made of Kevlar provide a MR Safe base for all Body Pro-Lok bridges and many accessories. Always refer to product labeling to identify whether a device is MR Safe or MR Conditional.

We have become a referral center for SBRT patients and have employed CIVCO’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, USA

Accompanying diagrams and images are shown with labels for various platforms and accessories, indicating the seamless integration and reproducibility features.
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.

**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

**ONEPlatform™**
- Universal Couchtop™ profile and indexing options provide for seamless integration of CIVCO’s positioning devices
- Indexing holes and Transverse Lok-Bar™ allow lateral offset of platform for optimal clearance
- Kevlar material is MR Safe
- Lightweight and 158 cm long

**Body Pro-Lok Bridges**
- Three bridge options accommodate different patient sizes and provide immobilization from above.
- Provides seamless setup of patient from imaging/simulation to the Linac unit
- Compatible with existing CIVCO positioning equipment via standard two-pin (Carbon Fiber) and three-pin (Kevlar) indexing
- Provides low attenuation with homogeneous design for planning consistency

**Carbon Fiber or Kevlar Platform**
- Provides seamless setup of patient from imaging/simulation to the Linac unit
- Compatible with existing CIVCO positioning equipment via standard two-pin (Carbon Fiber) and three-pin (Kevlar) indexing
- Provides low attenuation with homogeneous design for planning consistency

**Respiratory Restriction**
- 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.
- ONE Respiratory Belt may be used during Proton Therapy.

**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, provide a new dimension of customized comfort at a reproducible pressure level.

For a full list of compatible accessories, see CIVCO’s Solutions Guide catalog or visit www.CivcoRT.com!
Additional Body Pro-Lok ONE™ Integration

- Provides direct attachment of the ONEBridge™ and ONE Respiratory Belt to iBeam evo Couchtop
- Allows 1 cm indexing of the ONEBridge and ONE Respiratory Belt to the couchtop
- Provides full compatibility of Body Pro-Lok Bridges and accessories
- Integrated Lok-Bars™ provide additional stability
- Allows 1 cm indexing of the ONEBridge and ONE Respiratory Belt to the couchtop

ONE Rails-Only for Varian Exact™ IGRT Couchtop and CT Overlays
- Provides direct attachment of the ONEBridge™ and ONE Respiratory Belt to iBeam evo Couchtop
- Allows 1 cm indexing of the ONEBridge and ONE Respiratory Belt to the couchtop
- Allows for 1 cm indexing of the ONEBridge and ONE Respiratory Belt
- Provides direct attachment of the ONEBridge™ and ONE Respiratory Belt to iBeam evo Couchtop

System Customization Part Number Index

- Provides direct attachment of the ONEBridge™ and ONE Respiratory Belt to iBeam evo Couchtop
- Allows 1 cm indexing of the ONEBridge and ONE Respiratory Belt to the couchtop
- Provides full compatibility of Body Pro-Lok Bridges and accessories
- Integrated Lok-Bars™ provide additional stability
- Allows for 1 cm indexing of the ONEBridge and ONE Respiratory Belt to the couchtop
- Exact indexing version features toggle and clamp design providing secure attachment