



*We're Turning Breast Positioning Upside Down*



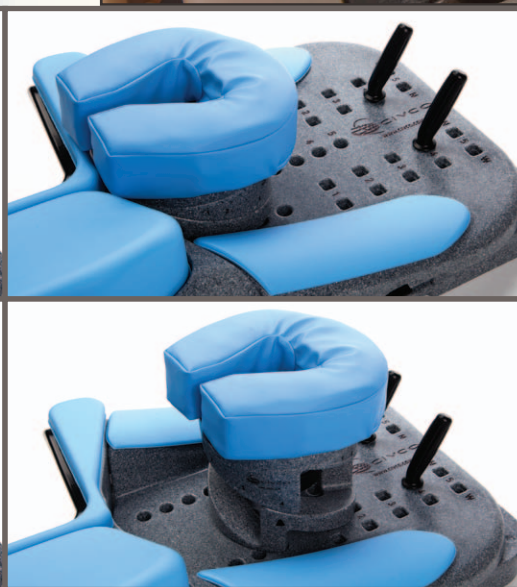
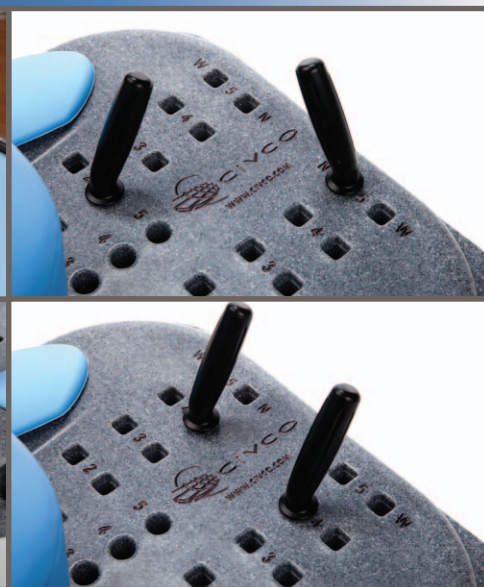
## **New Horizon™ Prone Breastboard**

*Comfortable, Secure Prone Patient Positioning*



**CIVCO**  
MEDICAL SOLUTIONS

*CIVCO's New Horizon™ Prone Breastboard assists in providing comfortable, reproducible patient positioning for prone breast treatments. The modular design & variety of accessories for the New Horizon allow you to customize your patient setups including overall height adjustments.*



### **Breast Positioning Options**

The treatment opening is past midline for medial field edge visualization. The treatment opening has 2 size options, 24 and 20cm.

A variety of wedges are available for the contralateral breast to assist in proper patient positioning, options include a solid wedge, wedge with cavity for excess tissue and a wedge with a scoop feature to slide excess tissue laterally away from the treatment field.

### **Additional Positioning Options**

The New Horizon features a wide variety of positioning options for custom patient positioning including:

- Overall height can be adjusted with the use of 3cm spacers
- Indexable hand placement options, including asymmetrical options for patient comfort
- Indexable prone face cushion which can be adjusted for height as well as anterior/posterior positioning

### **Bridge Options**

Bridge attachment option for immobilization in the hip region with the use of a Clam-Lok™ Cushion or with the Laser-Lok™ to assist in verifying patient position relative to the device.

### **Laser Locator**

The Laser Locator (optional) can be placed in the treatment opening to show patient position relative to the device.

# Support for Prone Breast Positioning

"Prone positioning is likely to benefit left-breast-affected women of larger breast volume, but to be detrimental in left-breast-affected women of smaller breast volume. Right-breast-affected women are likely to benefit from prone positioning regardless of breast volume."

*Kirby, Anna, Philip Evans, Ellen Donovan, Helen Convery, Joanna Haviland and John Yarnold. "Prone versus supine positioning for whole and partial-breast radiotherapy: A comparison of non-target tissue dosimetry." Radiotherapy & Oncology. 96.2 (2010): 178-184. Print.*

"Prone position breast radiation results in similar long-term disease control with a favorable toxicity profile compared with standard supine tangents. The anatomic advantages of prone positioning may contribute to improving dose homogeneity and minimizing incidental cardiac and lung dose."

*Stegman, LD, KP Beal, MA Hunt, MN Fournier, and B McCormick. "Long-term clinical outcomes of whole-breast irradiation delivered in the prone position." International Journal of Radiation Oncology Biology Physics. 68.1 (2007): 73-81. Print.*

"Prone positioning of patients for breast irradiation significantly reduces the uncertainty introduced by intrafractional respiratory motion."

*Morrow, Natalya, Christopher Stepaniak, Julia White, Frank Wilson, and Allen Li. "Intra-and interfractional variations for prone breast irradiation an indication for image-guided radiotherapy." International Journal of Radiation Oncology, Biology, Physics. 69.3 (2007): 910-917. Print.*

