PAIN MANAGEMENT POSITIONING with the **Spine Positioning System**

*made in the USA with US & imported parts*

ISO 13485:2003
FM 584901
SPINE POSITIONING SYSTEM

Package includes everything listed here.

RADIOLUCENT FRAME

Used to support the Torso support and Crescent face rest pad. One cam lock facilitates cervical flexion and extension.

PRODUCT SPECS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>20 LBS (9 KG)</td>
</tr>
<tr>
<td>Frame with Face Rest (1)</td>
<td>12” x 33.5” (30 x 85 CM)</td>
</tr>
<tr>
<td>Crescent Face Pad (1)</td>
<td>12” (30 CM) DIAMETER</td>
</tr>
<tr>
<td>Torso Support (1)</td>
<td>5.5” x 16” x 27” (14 x 30 x 58 CM)</td>
</tr>
<tr>
<td>Small Torso Wedge</td>
<td>2.5” x 16” x 23” (6 x 41 x 58 CM)</td>
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<tr>
<td>Large Torso Wedge</td>
<td>3.5” x 16” x 29” (9 x 41 x 74 CM)</td>
</tr>
<tr>
<td>Adjuster Pad (2)</td>
<td>1” x 7” x 12” (3 x 18 x 30 CM)</td>
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<tr>
<td>Adjuster Pad (2)</td>
<td>1” x 8” x 16” (3 x 20 x 41 CM)</td>
</tr>
<tr>
<td>8” 1/2 Round Ankle Bolster</td>
<td>2” x 8” x 26” (5 x 20 x 66 CM)</td>
</tr>
<tr>
<td>8” Semi-round Ankle Bolster</td>
<td>6” x 8” x 26” (15 x 20 x 66 CM)</td>
</tr>
<tr>
<td>Padding</td>
<td>Medical Grade</td>
</tr>
<tr>
<td>Upholstery</td>
<td>Terratouch™ (Coca is standard)</td>
</tr>
<tr>
<td>Frame</td>
<td>Radiolucent Frame</td>
</tr>
<tr>
<td>Warranty</td>
<td>Frame - 2 years, Upholstery and Paddings - 1 year</td>
</tr>
<tr>
<td>Regulatiry</td>
<td>FDA listed, CE marked</td>
</tr>
</tbody>
</table>

Adequate free space under see through face section for aeration, supplemental O2, jaw/face contact as necessary; prevents patient overheating, can more easily communicate with the patient without sound muffling.
SPINE POSITIONING SYSTEM

The Spine Positioning System is an integral component of the pain management fluoroscopy suite. With this system, procedural set up time is reduced, patient comfort is enhanced, and unwanted movement is minimized. Most importantly, the target anatomy is more readily visualized, which allows the physician to perform spine procedures in a more efficient and secure manner.

OAKWORKS® designed the Spine Positioning System in an effort to achieve the critical balance between optimal imaging and patient comfort. The radiolucent adjustable frame and versatile padding system provide a metal-free imaging support platform capable of quickly positioning a wide variety of patient physiques. The adjustable face rest position provides individualized positioning for all types of cervical procedures and anatomy. The contoured torso support pad is complimented by a host of uniquely shaped and sized adjuster pads and wedges that enable a multitude of positioning combinations for ideal patient comfort and imaging needs for all spinal column procedures.

The Spine Positioning System was designed with the input of experienced interventional spine physicians under the direction of Paul Dreyfuss, MD. An extensive trial period was undertaken such that various modifications were made to accommodate the precise needs of the interventional pain physician and their patients.

PRIMARY ADVANTAGES OF THE SPINE POSITIONING SYSTEM:

- No metal (radiopaque) components are present under the spine- unobstructed visibility of the entire spine from C0-C1 to the coccyx with all imaging angles (AP, oblique and lateral). All radiopaque components are placed proximal to the forehead.
- Adjustment easily made to maximize opening and imaging of the cervico-thoracic junction.
- Secure and easy to use single locking face rest mechanism to adjust cervical flexion, extension and height.
- Torso pad elevation under the chest allows for the shoulders to drop out of the plane of imaging when obtaining a lower cervical and upper thoracic lateral and oblique views.
- Adequate free space under open air face section for aeration, supplemental O2, jaw-face contact as necessary; prevents patient overheating and easy communication with the patient without sound muffling.
- Contoured torso support allows the shoulders to drop yet be adducted/slightly extended next to the body for comfort where they are also less likely to lose position/fall off the fluoroscopic table.
- Current design obviates the need to pull the arms back to the side to obtain imaging of the cervico-thoracic junction; the more comfortable adducted and slightly extended position suffices.
- Adequate adjuster pads to maximize torso build up for larger frame patients.
- Not only for cervical cases; also useful for thoracic and lumbar cases.
- Comfortable for patients with cervical pain when longer duration thoracic and lumbar cases are performed.
- Softer foam under the breasts and shoulders for comfort; firmer central foam for enhanced stability.
- Wider and longer torso pad gives extra support resulting in less sway and improved patient comfort.
- Torso pad with abdominal recess for extra comfort and support.
- All prone positioning needs met with the SPS; no need for additional pillows.
- Very firm adjuster wedges prevent undue compression and loss of the original position.
THE FOLLOWING SCENARIOS IN FACTITIOUS PATIENTS WILL DEMONSTRATE:

- Various body types using the Spine Positioning System
- Their positioning and specific configurations of the Spine Positioning System used in particular clinical situations
- Various fluoroscopic images of these factitious patients that exemplify the value of the Spine Positioning system

PATIENT - LIZ

COMPONENTS USED: Platform Frame (1), Crescent Face Cushion (1), Contoured Torso Support Pad (1), Large Contoured Torso Wedge (1), 8" Semi-Round Bolster (1 - not pictured)

SPS set up for Liz shown here

Liz in the SPS while obtaining an AP image of the upper thoracic spine.

AP image visualizing the T1-2 interlaminar space.

Contralateral oblique showing the upper thoracic facet joints.

Liz in the SPS while obtaining a lateral image of the upper thoracic spine.

Lateral image primarily through the C7—T2 segments.

Patient - Liz
PATIENT - CARL

COMPONENTS USED: Platform Frame (1), Crescent Face Cushion (1), Contoured Torso Support Pad (1), Small Contoured Torso Wedge (1), 7” x 12” Rectangular Adjuster Pad (1), 8” x 16” Rectangular Adjuster Pad (2), 8” Semi-Round Bolster (1 - not pictured)

NOTE: Additional adjuster pad is placed under the lumbar spine to reduce lordosis.

Carl in the SPS while obtaining an AP image of the mid-thoracic spine

AP image of the mid-thoracic spine for planning the trajectory for a left thoracic facet injection

Right thoracic oblique image to visualize the trajectory for a transforaminal injection

Contralateral oblique showing the trajectory for targeting the mid-thoracic facet joint
PATIENT - JANE

COMPONENTS USED: Platform Frame (1), Crescent Face Cushion (1), Contoured Torso Support Pad (1), Large Contoured Torso Wedge (1), 8” Semi-Round Bolster (1 - not pictured)

Jane in the SPS while obtaining a lateral image of the cervical spine.

The lower cervical interlaminar spaces are seen without visualization of the mandible over the target interspaces.

Lateral collimated image of the cervical spine. The C6-7-T1 interspaces are appreciated for all posterior approach cervical procedures such as interlaminar epidural steroid injections, facet injections, medial branch blocks and medial branch radiofrequency neurotomy.
PATIENT - ALICIA

COMPONENTS USED: Platform Frame (1), Crescent Face Cushion (1), Contoured Torso Support Pad (1), Small Contoured Torso Wedge (1), 7” x 12” Rectangular Adjuster Pad (1), 8” Semi-Round Bolster (1 - not pictured)

SPS set up for Alicia shown here

Alicia in the SPS while obtaining a C3 pillar view

Demonstrates the generous amount of space under the head/face while laying comfortably in the SPS

Lateral view of the cervical spine. The C2-3 to C7-T1 interspaces are easily visualized for all posterior approach cervical procedures.

Right C3 and C4 pillar view of Alicia. The target articular pillars are visualized for posterior approach facet/medial branch procedures.
PATIENT - DON

COMPONENTS USED: Platform Frame (1), Crescent Face Cushion (1), Contoured Torso Support Pad (1), Small Contoured Torso Wedge (1), 8" x 16" Rectangular Adjuster Pad (2), 8" Half Round Bolster (1 - not pictured)

NOTE: Additional adjuster pad is placed under the lumbar spine to reduce lordosis.

Don in the SPS while obtaining an oblique image of the lumbar spine

Lateral image of the lumbar spine

Right oblique image of the lumbar spine

AP image of the lumbar spine
PATIENT - MARY

COMPONENTS USED: Platform Frame (1), Crescent Face Cushion (1), Contoured Torso Support Pad (1), Small Contoured Torso Wedge (1), 7” x 12” Rectangular Adjuster Pad (1), 8” Half Round Bolster (1 - not pictured)

SPS set up for Mary shown here

Mary in the SPS while obtaining an AP image through the C1-2 segment

AP image through the C1-2 joints

Lateral image through the C1-3 segments
PATIENT - DEBBIE

COMPONENTS USED: Platform Frame (1), Crescent Face Cushion (1), Contoured Torso Support Pad (1), Small Contoured Torso Wedge (1), 7” x 12” Rectangular Adjuster Pad (1), 8” Half Round Bolster (1 - 1 not pictured)

Debbie in the SPS while obtaining a lateral cervical image.

AP image of the cervical spine while imaging through the C7-T1 interlaminar space.

Complete lateral image of the cervical spine including the C7-T1 segment.

Contralateral oblique of the cervical spine.
“The Spine Positioning System solves imaging, stability and comfort issues associated with performance of spine procedures. The cervical and thoracic spine including the cervicothoracic junction can now be visualized in AP, oblique and lateral projections regardless of the patient’s body habitus. All posterior approach spine procedures can now be accurately performed as visualization of the necessary anatomic landmarks is possible due to the unique design of the Spine Positioning System.”

Paul Dreyfuss, MD

“Safety is the biggest issue- the SPS provides better visualization, less radiation exposure, no guessing.”

Dr. C.

“Testimonials

The Oakworks positioning device is the single most significant advance in my fluoroscopy technique in over 15 years. This device facilitates clear imaging of complex anatomy in all body types while maintaining safe airway access and excellent patient comfort. It is hard for me to imagine doing a cervical or thoracic procedure without the Oakworks device.”

Dr. Wright

“We have seen time after time that once physicians utilize the SPS in their practice, they are able to position their patients quicker, more comfortably and get a better image the first try. The SPS will quickly pay for itself by allowing more procedures in less time.”

Dawson Crowley

“View the online video

Use your smartphone to watch our video for detailed instructions and application demonstrations.”
Please visit our website, www.oakworksmed.com, to view our complete line of tables and accessories for C-arm Imaging, Pain Management, Ultrasound, Medical Spa, Physical Therapy & Rehabilitation.

4 movement - Echocardiography Ultrasound Table

3 movement - Vascular Table

CFUR401 - 4 movement Urology Table

CFPM400 - 4 movement Imaging Table

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BSI

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