

Immobilization for Clinical Applications in Radiation Therapy and Proton Therapy



Table of Contents



4 Alpha Cradle® Mold Maker II
5 Foaming Agents
6 Imaging Head Immobilizer/ Palliative Care
7 Head & Neck Immobilization
8-9 Alpha Cradle Patient Repositioning Systems Instruction
10-11 Breast Immobilization
12 Bravelle
13 SBRT/Full Body Immobilization
14 Frog Leg/Decubitus Immobilization
15 Prostate & Pelvic Immobilization
16 Thoracic Immobilization
17 Wedges
18 Student Education and Refresher Course
19 Alpha Cradle®/Vac Bag Comparison

Letter from the President

Welcome to Smithers Medical Products, Inc., known worldwide for our Alpha Cradle® brand trademark medical foam. I've spent a good portion of my life refining the foam to be soft for the patient, yet durable enough to support them as they get into and out of their body mold.

Alpha Cradle® is a registered trademark of our tried and tested foam that I developed in the medical field exclusively for cancer patients. The foam we sell guarantees the highest quality and safest repositioning solution available on today's market.

In this post COVID-19 environment, it is no longer an option to reuse inferior vacuum bags that can transmit viruses from patient to patient. Alpha Cradle brand forms are customized anatomical forms, so each patient has their own individual form!

Alpha Cradle foam is the only safe foam designed for use in the medical field. There are no toxic gases or burning temperatures you get with these "ready" foam knockoffs... that's the Alpha Cradle difference. Smooth foam, safe and consistent, making comfortable immobilization devices for you and your patient.



Jeffrey V. Kostich, Sr.
President, Smithers Medical Products, Inc.



At Smithers Medical Products, we make safe effective forms and foams that you can rely on to rise perfectly every time. Our foam only gets as warm as a warm water bottle on the patient's skin surface. That's the Alpha Cradle® difference. Our foam is soft and creamy so it feels comfortable for your patient. This soft creamy foam is also so durable that you can actually walk on our larger forms. Your larger patients can get in and out of the forms easily and safely, while putting their weight directly on the large, thick walls of foam.

Our Deep Alpha Cradle® Brand Forms Make the Difference

At Smithers Medical Products, Inc., our products are designed to help you create a fully customized patient repositioning system, personalized to each individual patient's needs. That means every distinct anatomical feature of your patient translates into the custom mold they will use through the duration of their treatment, for maximum treatment accuracy. In today's world, with MERS, SARS, COVID-19, and other developing flus and influenzas, your immunocompromised patients can't risk lying down on a previously used, wiped down bean bag. Individual, customized forms are the option they deserve.

With Smithers' patented Alpha Cradle® Patient Repositioning Systems, each patient has their own customized anatomical mold to help you get the best possible treatment outcome. Our foam filled bags work with any treatment table tops or devices, simply by placing the bag of soft foam on top! Our larger foam sizes make body forms durable enough for repeated use with large patients getting in and out of the forms daily.

Custom Molds Created Quickly and Easily

The ACPRS has been designed to set up quickly, with minimum effort and maximum results. Our unique forms are easy in, easy out, saving you valuable time by quickly enabling your patient to get into and out of the exact treatment position. Our durable foam makes flat bottomed forms that last throughout the treatment period, unlike vacuum bags that leak air and can cause you to stop to resimulate a patient.

The patient rests as the warm foam begins to rise around every contour of their unique anatomy. Once the foam has finished forming and hardened, the patient simply gets up and the form is complete. Simple ports can be cut with a serrated knife if ports are required.

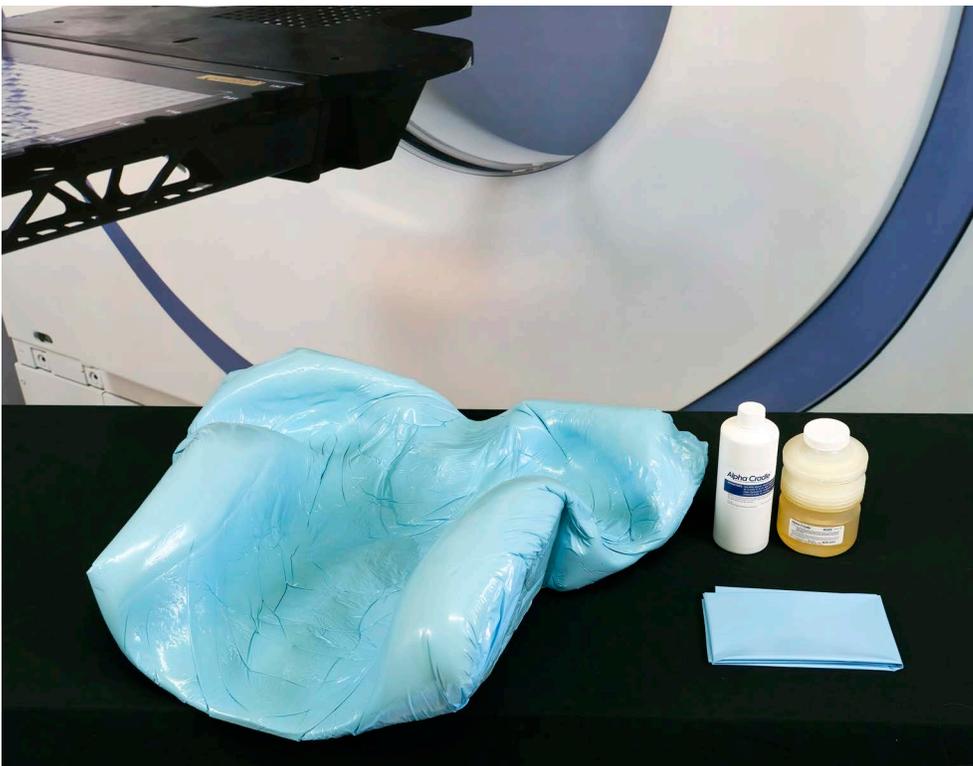


A simple, pre-fabricated form is used to create your patient's mold. The pre-fabricated form is laid on the treatment table, and two non-toxic liquid solutions are combined to form the proprietary foaming agent, and all placed inside a blue bag. The patient simply lays in the form, while the now-combined foaming agent is gently expanding between the patient, the form and the blue bag.

Making Customized Forms on Your Treatment Device Is Easy!

To create a customized Alpha Cradle® mold using your own treatment device, place the bag of foam on a base piece with a high (R) value (such as a piece of Styrofoam®, cardboard, or wood). By creating your foam filled bag on this type of a base, it will allow you to have a thick, creamy filled bag of foam to pick up and place on top of your treatment device. Open the bag, shake your mixed foam with the cap pointed down, pour all of the foam into the bag and collapse the bottle. **ONLY ALPHA CRADLE®** brand bottles collapse allowing you to use all of the hang-up in the bottle. Push the air out of the bag and fold the open end underneath the bag. Smooth the foam evenly. Next, place your patient on the bag and push them deep into the warm, rising foam for a truly safe and secure customized fit!

Our bottle of polyol expands so you can add the papi and allow you to shake and mix the foam thoroughly. Then our bottles collapse allowing you to use every bit of hang up possible.



Only Alpha Cradle® AC325 and AC250 foams offer collapsible bottles for you so you use all of the foam in the bottle. Our proprietary foam makes a form that's soft and comfortable for the patient to lay on, yet rigid and solid enough to duplicate the set-up position throughout the entire treatment plan.

Notice the deep impressions made from our AC325 foam. When you place your patient back into this form, they will wiggle into position and be exactly where they were when they were simulated.

The Original Alpha Cradle® brand Foaming Agents

Only Alpha Cradle® brand foaming agents are specifically designed for medical use and are guaranteed to produce deep imprints and unmatched support and durability. Each Foaming Agent Kit comes pre-measured with the exact amount of foaming agent required to complete your desired mold. No more guesswork or foaming overages that occur with off-brand chemicals. All Alpha Cradle® brand agents conform to our strict manufacturing standards.

AC660™ - Extra Large Foaming Agent

sold individually or 10/case

AC660™ foam was developed for use with extended forms and makes the most durable body form available. This size of foam may also be used to create extra large forms, whole body forms, or any form where extreme durability is needed. The AC660™ size gives you 100% more foam than our standard size AC325™. The double batch foam kit adds the most dependable support to your extended body molds.



AC500™ - Large Foaming Agent

sold individually or 10/case

AC500™ foam was developed for use with extended forms, and provides extra strength in durability. This size of foam may also be used to create extra large forms, whole body forms, or any form where extreme durability is needed. The AC500™ gives you 50% more foam than our standard size AC325™. This extra foam adds dependable support to your form.



AC325™ - Standard Size Foaming Agent

sold individually or 12/case

AC325™ is our standard size foaming agent, with collapsible bottle. It was designed to create immobilization/repositioning molds of any anatomical site, prone or supine. It can be used to make thorax forms, head and shoulder forms, breast forms, pelvic forms, and lower extremity forms on adult patients.



AC250™ - Smaller Foaming Agent

sold individually or 12/case

AC250™ was designed to create immobilization and repositioning molds, prone or supine, with collapsible bottle. This foam is used for heads, head and necks, upper extremities, and thoracic molds on smaller, younger patients.



The SMP Imaging Head Immobilizer

Introducing the best head immobilization product for use with PET, CT, and RT.

Only Alpha Cradle® brand foaming agents are specifically designed for medical use and are guaranteed to produce deep imprints and unmatched support and durability. Each Foaming Agent Kit comes pre-measured with the exact amount of foaming agent required to complete your desired mold. No more guesswork or foaming overages that occur with off-brand chemicals. All Alpha Cradle® brand agents conform to our strict manufacturing standards.



Imaging Head Immobilizer

IHI- 10/case

IHI foam is used with the Imaging Head Immobilizer (IHI). This device allows the patient to be scanned in the exact same position between different modalities including X-ray, CT, MRI, PET and RT. IHI foam is used to create a foam wedge or pillow between the patient's head and neck and your treatment device.



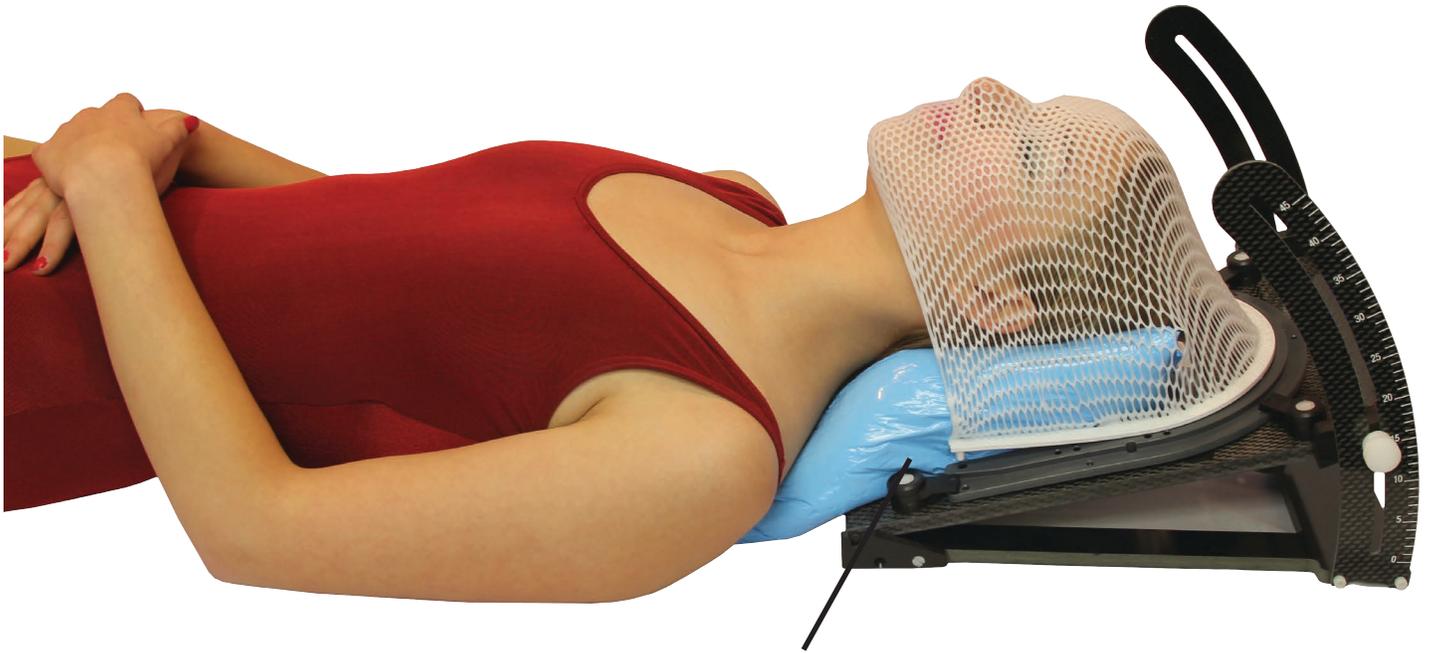
WHAT ABOUT TREATING PALLIATIVE PATIENTS?

You want to do everything you can to help increase the comfort of your palliative patients. Our forms make getting treated more comfortable. Receiving radiation treatment for a cancer diagnosis can be one of the most terrifying times in a patient's life. Not only have they received a life-altering diagnosis, but are now being thrust into a treatment they may not understand or feel comfortable with. The mere thought of radiation treatment can be a frightening experience.

Alpha Cradle™ products are renowned for providing maximum patient comfort while increasing support. Patients feel like they're being held while undergoing treatment. From the moment your patient begins to feel the soothing warmth of our proprietary foaming solution, to the gentle reminder of a durable form that retains their exact body position for each treatment, your patient will feel safe and secure in their customized mold.

Customized Neck Roll for Head & Neck

The only device in the world that provides customized support to the patient's cervical vertebrae for head and neck treatment.



Use foam support to prevent muscles from relaxing, changing the position during critical treatment. CNR foam keeps neck in place, holding patient securely in their mask, eliminating all movement.

Custom Neck Roll

[sold individually or 12/case](#)

Our CNR provides optimal support for patients when using thermoplastic positioning devices. Current fixed position head supports, which have fixed heights and shapes, do not fit the posterior contour of your patient's head and neck. This positioning gap makes the patient uncomfortable and leaves room for motion, even with a thermoplastic device. Treatment for head and neck areas require the use of a thermoplastic positioning device. But these devices alone cannot provide the required support under the neck that is crucial for a safe and successful treatment outcome. Without the use of additional support underlying the mask, muscles will relax, changing position during critical treatment. Alpha Cradle CNR forms provide your patients the safe and secure comfort they deserve. Our customized head and neck support (CNR) fits on top of your device directly under your patients' head and neck. The CNR creates a posterior foam contour of your patient's head as it comfortably adds support between the patient's neck and the head fixation device. This leaves no room for movement and creates comfortable support for your patient's head and neck.

A comfortable patient, less patient movement, means a safer treatment. By reducing patient movement, you reduce the number of misalignments. The CNR allows the therapist to set up the patient quickly and easily, immobilizing the head and neck area, while increasing the comfort and safety of the patient — saving your department both time and money!

Creating Alpha Cradle® Patient Repositioning Forms Assures Maximum Safety and Security

Our world-class forms offer maximum safety and security, with the best immobilization and repositioning in the world. Our product line is designed for patients who need maximum security, stability and safety.

Creating custom repositioning molds for your patient is quick and easy using any of our Alpha Cradle® brand kits. Our forms not only hold your patient securely in the exact position for each treatment session, but are designed to increase the patient's sense of comfort and security throughout the treatment.

Beginning with the creation process, the foam warms to a comfortable temperature and creates a safe environment for the patient, alleviating many fears and tensions. After the form has been completed, the patient can slip back and forth into the identical treatment position for each session, and lay comfortably without worry of movement. Kits are available for every treatment modality, and come pre-measured. These durable, completed forms are fully customizable using a simple serrated knife to cut ports, and are designed to be used through the patient's entire course of treatment.



PREPARE THE FORM

Remove the insert piece. If your form comes with a 15° wedge, you can leave the wedge inside the form, as needed. Place the form deep inside the bag. Wearing gloves, goggles and a smock, prepare the foaming agents. Smithers Medical Products, Inc. is the only company in the world to offer the safety of collapsible bottles with our standard foaming agents.



Each Alpha Cradle® kit comes with everything necessary to create one customized anatomical form on your patient: foaming agents, anatomical form, and polyform bag.

Deep, Safe Forms for Precision Targeting



Is There a Difference between Alpha Cradle® Forms and Vacuum Bags?

Alpha Cradle® forms are the superior choice for patient repositioning. These forms create deep anatomical impressions and securely hold the patient in place for each treatment. Unlike vac bags, it has a completely flat bottom surface. After time, vac bags leak air, ruining your treatment plan, and can force you to resimulate your patient. While Alpha Cradle® forms hold shape and durability even with the heaviest of patients. With Alpha Cradle® foam, you don't have to worry about air leaking out and starting all over again! With MERS, SARS and COVID, don't reuse a filthy bag that was used on someone else.

MIX THE FOAMING AGENTS

Pour the entire contents of bottle #1 into bottle #2, recap and shake for 10 timed seconds. Immediately open the bottle and pour the entire contents into the form, along the edges, collapsing the bottle, using as much of the hang up foam as possible.

Expand the center ribs of the bottle, leaving the 3 top ribs collapsed for safety. If you shake the bottle too long, it will start to expand, and the collapsed ribs will start to expand, allowing you to safely discard before the foam expands out of the bottle. Our bottles are the only bottles on the market with this built-in safety feature if the foam starts to expand before you open the bottle. Only SMP's collapsible bottles allow you to use all of the foam, minimizing hang-up.



PLACE PATIENT IN THE FORM

Pull the bag down pressing it against the foam. Try to smooth as much air out as possible without pushing the foam out.

Now fold the end of the bag underneath the form, so that the expanding foam cannot leak outside the bag.

Guide your patient into the form and place in the desired set-up position. The foam will begin to expand up to 30 times its volume, feeling warm and comfortable to the patient. The foam will rise up and harden within 15 minutes, comfortably and securely holding your patient during their treatment.



RISING FOAM IN THE FORM

If foam rises above the form, push it back into the form with your hands and hold down for one minute. The foam will then stop rising in that area and will be diverted to another area.

After 15 minutes, the foam should feel cool to the touch, back to room temperature. This lets you know the form is completed and the patient may now be moved from the form, as needed. Carefully assist your patient out of their form. The completed form is now ready for use.



Breast Immobilization- Durability and Comfort



Breast Form 1

BF1 - 5/case

The Breast Form 1 is designed for treatment plans where the patient's involved breast is rolled upward. The BF1 creates a pillow of foam to hold the patient so that the involved breast is rolled to the height and center of the patient's chest. Arm guides hold the uninvolved side down while comfortably holding the involved side up to 45°.



Mav Form

MAV - 2/case

The Mav Form is the most creative form offered by SMP. The MAV allows 4 different types of forms to be made: both arms up, both arms down, left up, right down, and right up, left down. Each side allows 120° of positioning of the arm. The width of the Mav Form has been modified to fit inside a CT window to allow CT imaging for simulation with the patient in the form. For superior breast repositioning, use the Bravelle™ with this form. Patients can be treated flat, or supported on an included 15° wedge insert. The slim design allows use with CT, PET, IMRT, IGRT and 3DCRT.



Breast Form 4

BF4R/BF4L - 2/case

The BF4 has been modified to fit inside a CT window to allow imaging with the patient in the form. This allows you to simulate your patient and use the CT in the set-up position. This form allows you to immobilize your breast patient with the arm of the involved side raised up 45°, and the uninvolved side down 45°. The form features a forearm cut-out to support the raised arm with comfortable foam. For best results, use with the Bravelle™. A 15° wedge insert is also available with the form.



Breast Form 4 Extended

BF4RE/BF4LE - 2/case

The BF4E allows you to immobilize your breast patient with the arm of the involved side raised up 45°, and the uninvolved side down 45°. The form begins above the patient's head and features a forearm cut-out to support the raised arm with comfortable foam. This extremely durable form immobilizes the entire patient down to the mid-calf region of their legs, for superior patient repositioning. Positioning lasers can be indexed on the forms. This form offers superior durability and safety as the patient gets in and out. The extended breast form is designed for patients who need the best treatment possible. For best results, use with the Bravelle™.

Breast Immobilization- Continued

Head & Shoulder 2 Modified

HS2M - 2/case

The Head & Shoulder 2 Modified creates a customized guide to reposition your breast patients with both arms raised up 45°. This form extends to the patient's hips, and features forearm rests to support the raised arms with comfortable foam. For superior breast repositioning, use the Bravelle™ with this form. A 15° wedge insert is also available inside the form.



Head & Shoulder 2 Modified Extended

HS2ME - 2/case

The HS2ME creates the best form to reposition breast patients with both arms raised up 45°. This form extends to the patient's mid-thighs, for critical immobilization and repositioning for your proton therapy and radiation therapy patient. The form features a durable foam that will support the patient's weight as they get into and out of the form. For best results, use with the Bravelle™.



Smooth Integration with your Current Setup Devices for Optimum Safety

Our customized foam can work with any and all treatment table tops and devices. Our superior, world class foam, placed between your patient and your treatment device, creates a durable and safe customized form that keeps patients in the exact same position throughout your treatment plan. Deep forms hold patients safely and securely, repositioning and immobilizing them every time you guide them back into their mold.

Custom molds can be used in diagnostic and therapeutic machines (X-Ray, CT, MRI, PET, RT), holding the patient in the exact position treatment would take place, for greater accuracy in interdepartmental use. Scan and treat in the same position, safely and securely.

Alpha Cradle brand repositioning systems are simple to set up, easy to use, and guaranteed to integrate seamlessly into your facility's current treatment set up.



Bravelle™ - Single Breast Immobilization

BRV - sold individually or 10/case includes tube cutter

The Bravelle™, a single breast immobilization and repositioning tool, allows you to reproduce the set-up position of the involved breast in a precise and efficient manner, focusing on patient safety. The Bravelle™ can be used on small to very large, pendulous breasts. The Bravelle™ can be used as a stand alone, single breast immobilizer. When used with the BF4 Extended Forms, it offers supreme reproducibility by being indexed to the Alpha Cradle® brand form. It drastically reduces set-up times that can be prolonged from the complications of repositioning breast tissue. The Bravelle offers maximum patient comfort, control, and stability, providing the safest treatment possible.

Each Bravelle™ kit comes with a chest strap, a shoulder strap and a PVC tube that encircles the breast. Each case of Bravelles comes with a tube cutter for making exact perpendicular cuts, minimizing the chances of pinching the breast with the tube.



BF4R With Bravelle™

Large breasts are pulled up away from the chest wall which can reduce the volume of lung treated.

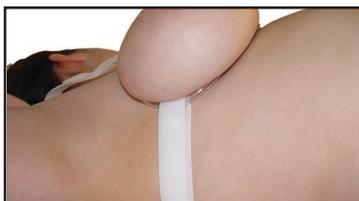


Designed to Help Treat Increasingly Obese Patients

One of the more challenging aspects of modern health care has been the increasing obesity rate within the patient population. This unique challenge has put a greater burden on treatment facilities to come up with workable solutions without sacrificing quality care or safety. We are proud to be part of the solution with Alpha Cradle® forms that can be customized to meet the demands of larger patients. These forms can be made to accommodate overweight and obese patients. Our extended forms increase patient safety through their durability and strength.



Shown with port cut in the form, so you don't have to treat through any foam. Bravelle holds breast from falling.



The World-Renowned Bravelle™ holds the breast up away from the lung, potentially reducing the amount of lung treated. The Bravelle™ also keeps the largest breasts from falling off to the side. As shown, notice the breast remains in position.



World-class durability allows large patients to get in and out of extended forms safely and securely. Notice that the Bravelle™ holds this DD breast from falling off the chest wall. Without the Bravelle™, this large breast would be almost impossible to treat.

SBRT/ Full Body Immobilization

Head & Shoulder 2 Modified Extended

HS2ME - 2/case

The HS2ME creates the best form to reposition breast patients with both arms raised up 45°. This form extends to the patient's mid-thighs, for critical immobilization and repositioning for your proton therapy and radiation therapy patient. The form features a durable foam that will support the patient's weight as they get into and out of the form. For best results, use with the Bravelle™.



Breast Form 4 Extended

BF4RE/BF4LE - 2/case

The BF4E allows you to immobilize your breast patient with the arm of the involved side raised up 45°, and the uninvolved side down 45°. The form begins above the patient's head and features a forearm cut-out to support the raised arm with comfortable foam. This extremely durable form immobilizes the entire patient down to the mid-calf region of their legs, for superior patient repositioning. Positioning lasers can be indexed on the forms. This form offers superior durability and safety as the patient gets in and out. The extended breast form is designed for patients who need the best treatment possible. For best results, use with the Bravelle™.



Pelvic Form Modified

PFM - Supine Form - 3/case

The Pelvic Form Modified was designed for superior immobilization from the patient's rib cage to below the feet. This form is lightweight yet sturdy enough to support the patient's weight as they climb in and out of the form, offering maximum strength and durability. The Pelvic Form Modified is the safest and most durable form for prostate patients. The PFM controls torso rotation as well as flexion and movement of the patient's feet. Comfortable knee inserts raise the knees while allowing separation as necessary. This easy-to-use, easy-to-make form allows for pinpoint accuracy, with smaller margins, while greatly increasing the comfort and security of your prostate patient.



Frog Leg Immobilization/ Decubitus Immobilization

Reducing skin folds while delivering complete accessibility to anus and perineum.



Frog Form

FROG - 3/case

The Frog Form, developed to treat patients with anal cancer, is a unique tool that spreads your patient's legs open, like a frog, while keeping their feet comfortably together. Deep impressions in the foam guide the thighs, the lower legs and both feet back into the same position, comfortably holding them safely and securely. While immobilizing the lower anatomy, this form also greatly reduces the amount of skin folds, while keeping it completely accessible as needed. This is the only medical device that can reduce skin folds in this tough-to-treat area, while providing you with an easy-to-use, easy-to-make, immobilization and repositioning tool.

Comfort and security for decubitus patient immobilization!



Side Form

SIDE - 2/case

This form has more built-in durability and support than any other form. Invented for the decubitus patient, this Alpha Cradle® brand form allows the entire patient to be immobilized lying on their side. If a 90° angle cannot be achieved with their back, the patient can be rolled slightly for comfort and security. Each time the patient arrives for treatment, they will wiggle into position until they are positioned in the exact spot as they were for simulation. Deep impressions guide the arms and legs back into position while comfortably holding your patient. This form immobilizes your patient and gives you a unique repositioning tool to get them back in the same position each day for therapy.



Prostate and Pelvic Immobilization

Pelvic Form

PF - Supine Form - 4/case

The Pelvic Form is for treatment in the supine position. The form comes unassembled, allowing full customization to each patient's width. A triangular insert helps guide proper leg separation. The form allows deep impressions of the patient's anatomy for exact repositioning and comfortable and secure immobilization. Targeting marks can be indexed directly onto the form for quick and easy repositioning on your table top.



Pelvic Form Modified

PFM - Supine Form - 3/case

The Pelvic Form Modified was designed for superior immobilization from the patient's rib cage to below the feet. This form is lightweight yet sturdy enough to support the patient's weight as they climb in and out of the form, offering maximum strength and durability. The Pelvic Form Modified is the safest and most durable form for prostate patients. The PFM controls torso rotation as well as flexion and movement of the patient's feet. Comfortable knee inserts raise the knees while allowing separation as necessary. This easy-to-use, easy-to-make form allows for pinpoint accuracy, with smaller margins, while greatly increasing the comfort and security of your prostate patient.



Belly Board - prone form for reducing bowel

BB - Prone Form - 4/case

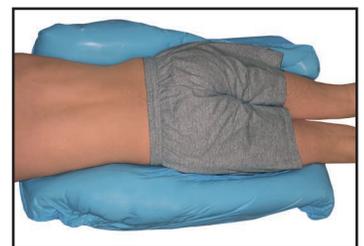
The Belly Board was developed for treatment of prostate cancer, with the patient in the prone position. Small inserts are provided to prop-up the pubic bone, allowing the belly to drop, reducing the amount of bowel in the treatment field.



Belly Board Extended - for reducing bowel

BBE - Prone Form - 4/case

The Belly Board Extended is an advanced version of the Belly Board. It is 6" longer, immobilizing from the rib cage down to the mid-thigh region and comes with more foam for maximum stability. This durable form allows the patient to easily get into and out of the form. High walls of foam hold your patient securely for maximum immobilization and repositioning. And, our Belly Board forms are the only forms on the market designed to drop the bowel away from the treatment field, allowing more precise access to the target field.



Thoracic Immobilization Forms



Head & Shoulder 2

HS2 - 2/case

The Head & Shoulder 2 creates a customized guide to reposition your breast patients with both arms raised up 45°. The form begins above the patient's head and features forearm rests to support the raised arms with comfortable foam. The form immobilizes the thoracic region of the patient. For superior breast repositioning, use the Bravelle™ with this form.



Head & Shoulder 2 Modified

HS2M - 2/case

The Head & Shoulder 2 Modified creates a customized guide to reposition your breast patients with both arms raised up 45°. This form extends to the patient's hips, and features forearm rests to support the raised arms with comfortable foam. For superior breast repositioning, use the Bravelle™ with this form. A 15° wedge insert is also available inside the form.



Head & Shoulder 2 Modified Extended

HS2ME - 2/case

The Head & Shoulder 2 Modified Extended creates the best form to reposition patients when both arms are needed to be raised 45°. This form is similar to the HS2M, but extends the form to the patient's mid-thighs. The form features a durable foam that will support the patient's weight as they get into and out of the form.

There is a dramatic difference between a genuine Alpha Cradle® brand customized repositioning form made on your patient, and a vac bag.



HS2M shown with patient entering CT machine. This popular form is fast and easy to use.



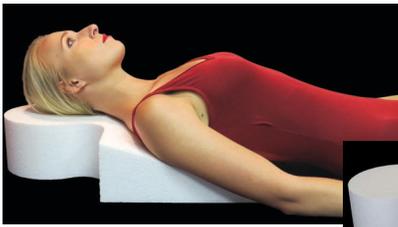
Wedges



Specialty Wedge w/ Neck Extension

W-SP - 2/case

Our new Specialty Wedge, with head support and neck extension, gives you a unique angle and chin flexion with comfortable support for making forms up and off the treatment couch. Place bag of Alpha Cradle® foam over this Wedge for a unique repositioning device.



20° Wedge w/ Head Support

20 Wedge w/Head - 2/case

Our 20° Wedge with head support gives you maximum angle with a flat head support for the patient, comfortably supporting for the patient's head.



15° Wedge w/ Head Support

15 Wedge w/Head - 2/case

Our 15° Wedge with head support gives you the angle you need with comfortable flat support for the patient's head.



15° Wedge

15 Wedge - 2/case

Our 15° Wedge gives your patient the comfortable support they need at the angle you desire. This wedge is the perfect choice for use with standard Alpha Cradle® Forms placed on top. To create a custom form, use with our AC325™ foaming agent by placing the bag of rising foam on top of the wedge.



How can I control the patient from sliding down the Styrofoam® wedge?

To increase patient safety and security, place a bag of foam on the top of wedge, before placing patient on top. Now your custom mold can be marked for patient positioning, holding your patient safely and securely in place, keeping them from sliding down the wedge.

Student Education and Refresher Course



Smithers Medical Products, Inc. is dedicated to the ongoing education of radiation therapists. As such, we have developed a completely free training and certification course for radiation therapists and oncologists to help increase knowledge and stay current on radiation therapy treatment trends and the Alpha Cradle® system. This course is one more way to show our commitment in working with you for total treatment success.

Whether you have used Alpha Cradle® brand foam and forms in the past, or are a new student to proton and radiation therapy, this course is for you. This course introduces new information, new demo video-clips, an online test to quiz your knowledge of government regulations, OSHA, EPA and FDA, and correct use of our foams and forms. Our program is designed to teach you the safe and effective use of the most successful immobilization and repositioning tool in the world.

You will also learn about current FDA regulations as they relate to treatment devices, how to read SDS sheets, and learn about the toxicology of products you may already be using.

At the end of the course, you will be given an online exam to test your knowledge. Those participants achieving a score of 93% or better will receive a certificate of completion.

So get ready to take the first course of its kind, and become an expert at immobilizing and repositioning your radiation therapy treatment patient!



Alpha Cradle® will keep you green!

Our Alpha Cradle® brand patient repositioning anatomical forms are made from expanded polystyrene (EPS). EPS is CFC free, and does not harm the environment.

Alpha Cradles® are made from reprocessed EPS, are fully-recyclable and can be completely dissolved in the recycling process using common citrus oils.

In fact, Smithers Medical Products, Inc. is 100% committed to protecting our environment. During our manufacturing process, we recycle all steel drums, shipping cardboard, glass, metals, and foam.

Used forms can be recycled at your nearest recycling center. By using our Alpha Cradle® products, you can feel assured in knowing you are using production material that would have been discarded in a landfill, but is now reprocessed to make forms that help save the lives of cancer patients.

Alpha Cradle® Brand Immobilization vs. Vac Bag



At Smithers Medical Products, Inc., our patented forms and foaming agents are designed to give the highest quality medical treatment to your patients. Our foam comforts the patient while holding them safely and comfortably in the designated setup position.

Our products allow you to create individual, customized, immobilization and repositioning forms for each patient. As the foam rises, it creates a mold tightly against the patient (vac bags pull away from the patient). They even provide comfort and support to palliative patients who deserve your best care and comfort.

You can immobilize a patient with this and easily duplicate the set-up position daily. Lasers marks are easily applied to the blue bags containing the form. These forms always give you a flat base, unlike vac bags which do not have a flat base at all.

Genuine Alpha Cradle® brand foam never burns your patient, does not contain harmful levels of MDI or TDI vapors, and is safe for the environment, unlike other harsh knock off products that have NOT been tested for toxicology.

In this post COVID-19 environment, it is no longer an option to reuse vac bags that can transmit viruses to your immunocompromised patients! True customized anatomical forms offer the best protection and best treatment.



Vac Bags aren't any better than using a towel. With a base that is never flat, they do not immobilize at all. When you make them, they pull away from the patient.

Vac bags are not sterilized between patients, they're just wiped off. In our new COVID awareness world, reusing bags is no longer an option. They do not immobilize or reposition anything, and may endanger your immunocompromised patients. These bags can leak air, causing you to stop treatment, start all over with creating a form and then forcing you to resimulate.



GOURMET CHOCOLATES

COVID-19 RELIEF KIT IV

To place order, call 800-752-8032

Alpha Cradle® Individualized Forms and Foams - ZERO RISK of Virus Spread



GIRL SCOUT COOKIES



FREE with each case of foaming agent!

Smithers Medical Products, Inc. Responds to COVID-19

In early 2020, when the effects of COVID were being felt by the world, Smithers responded. We put together a letter and introduced our COVID Relief Kits. Between the mandated wearing of masks at all times, to the 6 feet of separation, we realized that you, as a frontline fighter, were taking the brunt of it. We instituted our COVID Relief Kits to show you our appreciation for all the added effort your job now requires. Our first kits included custom hand-made masks, that we created for you here at Smithers Medical Products. They also included hand sanitizer and a snack. As we created different versions of the kits, we switched over to more snacks, crackers, and candies. Then with our III & IV versions, we included Girl Scout Cookies and hand made chocolates made especially for our customers.

We appreciate our customers and realize that a job that was technical to begin with just got a lot more complex. So enjoy the cookies, candies, chocolates and snacks, different treats during the different seasons, and realize that at Smithers Medical Products, we appreciate everything you do on the front lines of quality patient care for your cancer patient.

Jeffrey Vincent Kostich Sr., President



Alpha Cradle Individualized Forms and Foams for ZERO RISK of Virus Spread



Alpha Cradle® Individualized Forms and Foams for ZERO RISK of Virus Spread



Alpha Cradle® Individualized Forms and Foams for ZERO RISK of Virus Spread



Copyright ©2021 by Smithers Medical Products, Inc. Printed in the USA. All rights reserved. No part of this publication may be reproduced in any form without written permission from SMP, Inc. Alpha Cradle is a registered trademark of SMP, Inc. All SMP products are patented, and/or trademarked, registered with the FDA, and field tested over several years for safety and effectiveness. Protected by the following US Patents: 5,433,220, 5,623,949, 5,081,655, 5,782,244, 4,622,185, 5,454,993, 5,707,572.