

**NEW FOR
2018**



Alpha Cradle[®]
Patient Repositioning Systems

Repositioning for Proton Therapy & Radiation Therapy

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Working Together to Grant Your Patients Their Greatest Wish — A Tomorrow

Smithers Medical Products, Inc. is proud of its multi-faceted approach to patient repositioning. Our goal is your goal — to provide each of your patients the best, most innovative treatment options available with better therapeutic options. Each and every Alpha Cradle® product we sell guarantees the highest quality repositioning solutions on the market.

Efficiency. Our Alpha Cradle® product design is simple for your patient to navigate, saving you valuable time and resources by quickly enabling your patient to get into and out of treatment positions — making the most of your patient treatment efficiency.

Precision. The Alpha Cradle® line of patient repositioning products allows you to zero in on treating your patient's tumor, not healthy tissue margin, by ensuring your patient is positioned in the exact position for each treatment, time and time again.

Integration. Our product line is fully integratable with whatever type of treatment couch or apparatus your oncology department is currently using. No need to worry about equipment upgrades or modifications. We guarantee seamless integration with your treatment equipment.

Customization. The defining characteristic of the Alpha Cradle® brand is its ability to be 100% customizable for each of your patients, gently molding to their every curve and crevice. Extremities can be raised or lowered, torsos shifted or lifted, placing and holding your patient in the exact position needed for maximum treatment accuracy.

Comfort. The mere thought of proton and radiation treatment is a frightening time for a cancer patient. But a comfortable patient is more relaxed, less jittery and more likely to cooperate with treatment, especially for extended periods of time. Alpha Cradle® products are renowned for providing maximum patient comfort without sacrificing support. From the moment your patient begins to feel the soothing warmth of our proprietary molding solution beginning to take form, to the gentle reminder of a durable form that retains their exact body position for each treatment, your patient will feel safe and secure from the first day of treatment through their last.

Take comfort in knowing you are doing all you can for your patients with Alpha Cradle's® committed approach to precision patient repositioning — working together with you to give your patients a brighter tomorrow.



The Face Behind the Endeavor

By Jeffrey V. Kostich, President, Smithers Medical Products, Inc.
Home of the Alpha Cradle® brand Patient Repositioning Systems

They say that a picture is worth a thousand words. In this case, a photo was so much more. This is the photo that launched an endeavor to save lives.

One day I was going through a box of old photographs, when I came across these images of my grandmother and me. A flood of memories came to mind and reminded me of why I joined Smithers Medical Products, Inc. and the Alpha Cradle® brand some 30 years ago.

My grandmother, Teresa, was a wonderful, feisty Sicilian woman who settled in America along with her four sisters. They came to our country seeking a better life — and found it.

While in her early 50s, Teresa discovered a lump in her breast which turned out to be malignant. For nearly a decade, I watched my beloved grandmother wither away, as she slowly lost the battle she fought so hard against. Three of Teresa's four sisters also succumbed to cancer, two suffering from cancer of the breast and the third from a brain tumor.

At the time of their deaths, treatment options were few, and pain management choices even fewer. The impact of the terrible battle and ultimate deaths of

these beautiful women changed my life. **Surely, something could be done to make treatment more effective, and give future generations a fighting chance.**

My first patented invention was the Alpha Cradle® Mold Maker. After designing dozens of products, collecting seven patents along the way, Alpha Cradle® brand products have become an integral part of protocol, in proton therapy and radiation therapy, at institutions all over the world.

Each patient is a mother, father, grandmother, grandfather, aunt, uncle, brother, sister, son or daughter to someone. We are proud to be your partners in treatment to give them the future they deserve.

In the second picture, My grandmother is holding me and one of my brothers. All three of us would have our lives centered around cancer. She died of cancer, I developed lines of positioning products for cancer patients selling these products all over the world. And my brother? He went into radiation therapy, became a radiation therapist, went into dosimetry and spent his career specializing in complex treatment plans for head and neck.



Alpha Cradle®
Patient Repositioning Systems

Smithers Medical Products, Inc.

www.alphacradle.com



Alpha Cradle® Mold Maker II

For molds as unique and distinctive as your patients' bodies

Each of your patients' repositioning needs is unique to their specific modality. Vacuum bags and cushions simply won't do. Introducing the benchmark in precision patient repositioning; the Alpha Cradle® Mold Maker II is a reusable slotted board that comes with an assortment of dividers allowing you to create customized anatomical molds. The ACMMII allows you to make any type of mold on your patient, on any anatomical site, in the prone or supine position...while using the board over and over again on each of your patients.

And because the ACMMII is reusable, your department will not only save thousands of dollars over the lifetime of the product, but it will be giving your patients the most accurate repositioning option available.

Used to create forms

The ACMMII is only used to create the treatment form for each patient. Most facilities create the forms while the patient is on the simulator. After that point, the ACMMII is not needed for treatment.

Notice how deep the impressions are in the mold using the ACMMII.

The ACMMII is the most economical way to create these molds while offering you the flexibility you need to customize each anatomical mold. Warm, comfortable foam forms around your patient, creating an immobilization tool that will quickly reposition your patient, again and again, in the desired set-up position.



The ACMMII Kit



This shows the patient ready for treatment in a thorax form made on the ACMMII.

Stock #ACMMII*

KIT INCLUDES:

- 1 reusable 24" x 34" slotted wood board
- 23 assorted dividers
- 1 FREE set of foaming agents
- 1 FREE polybag full instructions

**The Alpha Cradle® Mold Maker II board can be used over and over again. Simply cast the mold, remove the patient's custom form, and use again on the next patient. Each mold requires one set of foaming agents.*

How to Make Custom Forms with the Alpha Cradle® Mold Maker II



Prepare your Kit ✓

Snap the bag open, then fold to the desired width. Open the bag carefully, rolling the sides down so you can pour the foam into the bottom of the bag. Pour all of bottle #1 into bottle #2.



Combine the Pre-Measured Foaming Agents ✓

Shake vigorously, with the cap pointing down into the bag for only 10 seconds. Pour all of the foam into the bag, collapsing the bottle, leaving as little hang-up as possible.



Complete the Form on the ACMMII Board ✓

Fold the end of the bag underneath, spread foam evenly, and place patient on top. Use the dividers to lift bag of foam firmly against patient. In 15 minutes, remove patient and dividers from mold. Form is now ready for use. You can index form using sagittal lasers in your treatment room. This will guarantee that forms are on the table in the exact same position each day for treatment.



Can't I just have my patient lay on a bag of your foam without using the ACMMII?

You should use the ACMMII to make tight fitting forms for your patients. The ACMMII will also allow you to make forms with very deep impressions. The dividers hold the bag in place where you need it to fit tightly against your patient. Forms made without the ACMMII tend to look like surf boards, with no deep impressions, and the forms fit loosely. Forms made on the ACMMII have deep impressions that hold your patient securely. These forms offer your patient comfort and security, while offering you the repositioning and immobilization needed for today's complex treatments.

Video demonstrations available on the AlphaCradle.com website

Alpha Cradle® Foaming Agent Kits

Each of our Alpha Cradle® Foaming Agent Kits comes premeasured 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

AC660™ foam was developed for use with extended forms. 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™.



AC500™

Large Foaming Agent

AC500™ foam was developed for use with extended forms. 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

AC325™ is our standard size foaming agent. It was designed to be used with the ACMMII, which creates 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

AC250™ was designed for use with the ACMMII, which creates immobilization molds of any anatomical site, prone or supine. AC250™ creates molds of heads, head and necks, and upper extremities. It can also be used to make thoracic molds on smaller, younger patients.



HSFA / ATFA

Head and Shouldler / Adult Thorax

HSFA foam is used with the Head & Shoulder Forms (HS1/HS2/HS3), Breast Forms (BF1/BF2s/BF4s), and Pelvic Forms (PF).

ATFA is used with Thorax Forms (AT2/AT3), and our Head Forms (HF).



IHI / CNR

Imaging Head Immobilizer / Custom Neck Roll

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 PET, MRI, RT and CT. CNR foam is used to create a foam wedge or pillow between the patient's head and neck and your treatment device.



Customized Head & Neck Support Device

Finally a device that puts head and neck problems to rest.



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.

Our Customized Head and Neck Support (CNR) fits on top of your head fixation device. The CNR creates a posterior foam contour of your patient's head as it comfortably adds support between the patient's head 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 means less patient movement. By reducing patient movement, you reduce the number of misalignments. The CNR allows the therapist to set up the patient more easily and faster, immobilizing the head and neck area, while increasing the comfort of the patient — saving your department both time and money!

Stock #CNR

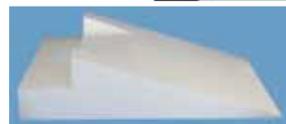
**KIT INCLUDES:
1 set foaming agents
1 polybag
full instructions**

Wedges

W-SP

Specialty Wedge w/ Neck Extension

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

20° Wedge w/ Head Support

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

15° Wedge w/ Head Support

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

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.



Celebrate Sur

NEW FOR
2018

Being diagnosed with cancer is a life changing experience. Help your survivors and new friends celebrate their journey of strength and perseverance with this commemorative coin. This small token is an ongoing reminder that, if they can beat cancer, they can beat anything! Today is truly the first day of the rest of *their* life, so let's help *them* make it count!

How many times have we heard, "it's the small things that count?" This high-quality, customizable token from your facility will be a constant reminder of the journey you took together, and allow your patients to celebrate their history and hope for a prosperous future. These survivor coins are not only beneficial to your patients, but provide an amazing opportunity to spread your message of success to the marketplace.

These heavyweight, brass and enamel keepsake coins are available in three designs: cancer (general), breast cancer and prostate cancer with the option of having your treatment facility logo imprinted on the second side for a truly memorable gift. Presentation boxes also available.



www.alphacradle.com

Standard Survivor Coins

Specifications

Size: 1.75" diameter (actual size below)

3-D antique metal keepsake quality design

Front Inscription

I Am A Survivor: Optimistic, Resilient, Enduring, Determined, Strong

Back Inscription

*If you can beat cancer, you can beat anything
Today is the first day of the rest of your life...
make it count!*



Breast Cancer
Coin



Prostate Cancer
Coin



General Cancer



vival



Custom Survivor Coins

Specifications

Size: 1.75" diameter (actual size below)

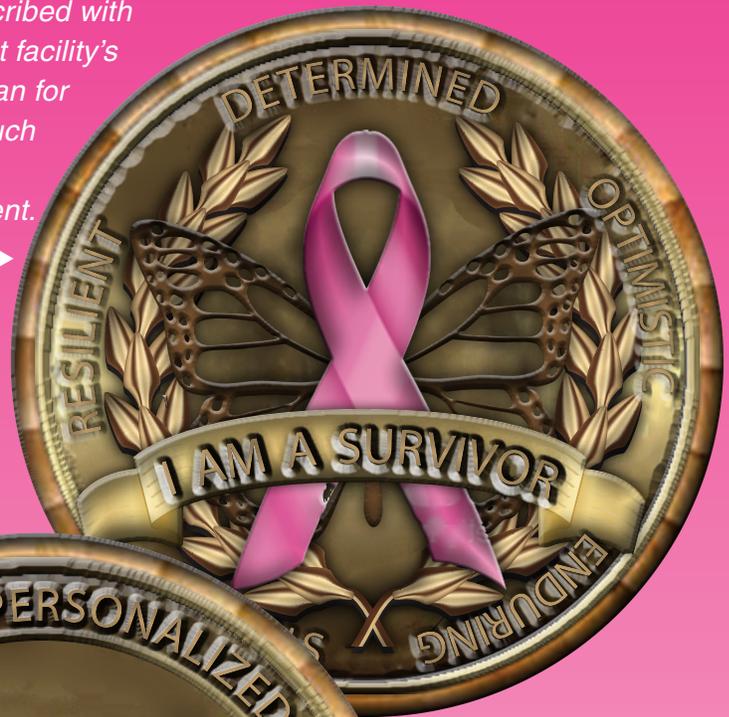
3-D antique metal keepsake quality design

Front Inscription

I Am A Survivor: Optimistic, Resilient, Enduring, Determined, Strong

Back Inscription

Coins are inscribed with your treatment facility's logo and slogan for a personal touch between you and your patient.



#CC-B
Breast Cancer Coin

#CC-P
Prostate Cancer Coin

#CC-1
General Cancer Coin



#CC-BE
Breast Cancer Coin Customized with Your Logo

#CC-1E
General Cancer Coin Customized with Your Logo

#CC-PE
Prostate Cancer Coin Customized with Your Logo

Creating Alpha Cradle® Brand Patient Repositioning Forms

Creating custom repositioning molds for your patient is quick and easy using any of our Alpha Cradle® brand kits. Our molds 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 tension. After the mold 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.

Alpha Cradle® brand kits come with everything you need to make one customized anatomical form on your patient: foaming agents, anatomical form, and polyform bag.



✔ 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 too long, the bottles will start to expand, allowing you to safely discard before the foam expands out of 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. The foam will rise up and harden within 15 minutes, comfortably and securely holding your patient during their treatment.

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.



✔ 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.

After 15 minutes, carefully assist your patient out of their form.

The completed form is now ready for use.



Note the deep molding impression made using the Alpha Cradle® mold on the left compared to the inferior vacuum-type option on the right.

Student Education Program and Refresher Course

Need a refresher, or are you using Alpha Cradle® brand forms for the first time?

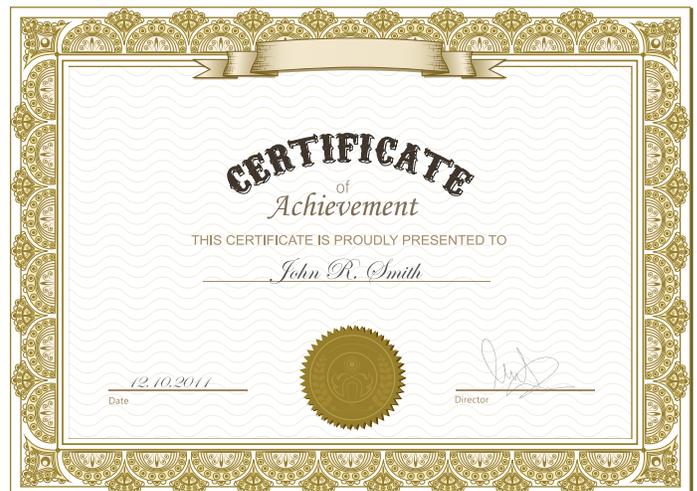
Whether you have used Alpha Cradle® brand foam and forms in the past, or, are a new student to proton and radiation therapy, this course is for you. This course introduces new information, new demo video-clips, and an online test to quiz your knowledge of government regulations, OSHA, EPA and FDA, and 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.

Our forms are extremely durable, allowing the patient to comfortably get in and out of the forms without changing their structure or damaging the mold, and have flat bottoms to fit your treatment couch. Each form is fully customizable, and can be cut to allow for treatment ports with any basic serrated knife. During this course, you will learn how to create superior Alpha Cradle® forms that are tight fitting with deep impressions, and support the patient in any and all desired set-up positions.

You will also learn about current FDA regulations as they relate to treatment devices, how to read MSDS sheets, and learn about the toxicology of products you may be already 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. Those who do not, may review the course again and retake the exam.

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



Go online and try it now... it's free!

www.AlphaCradle.com

Single Breast Forms

BRV

Bravelle™ Single Breast Immobilization

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. The Bravelle™ can be used on small to very large pendulous breasts. The Bravelle™ can be used as a stand alone single breast immobilizer. However, 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.



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.



The 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.



*Made on ACMMII
Bravelle™ shown with breast form made on the ACMMII. Also shown with port cut in the form, so you don't have to treat through any foam.*



*BF4R With Bravelle™
Large breasts are pulled up away from the chest wall which can reduce the volume of lung treated.*



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.

Breast Forms

BF1

Breast Form 1

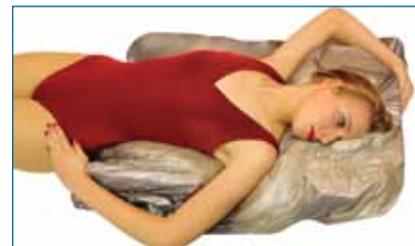
The Breast Form 1 is designed for treatment plans where the patient's involved breast is rolled upward. The BF1 creates a pillow of foam to hold the breast patient so that the involved breast is rolled to the height and center of the patient's chest. Arm guides hold the uninvolvement side down while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



MAV

Mav Form

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.



*A cancer diagnosis is one of the most terrifying pronouncements a patient can hear. We know that treating the whole patient allows for better outcomes. A calm patient, is a still patient. And remaining still is paramount to precision throughout the treatment. At Smithers Medical Products, Inc., we focus on **comfort**, because we believe a comfortable patient, is a motionless patient.*

Our Alpha Cradle® molds are designed to give your patients that extra step of comfort care. From the moment they begin to feel the gentle warming sensation of the expanding foam, to the reassurance of a snug-fitting form, we will help your patient stay comfortable — and still.



BF4RE/BF4LE

Breast Form 4 Extended

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. For best results, use with the Bravelle™. A 15° wedge insert is also available with the form.



BF4R/BF4L

Breast Form 4

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.



HS2ME

Head & Shoulder 2 Modified Extended

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™.



Our extended forms offer thick side-walls of foam that can easily support the patient's weight as they get into and out of the forms.



Notice how deep the impressions are with extended forms. For the best immobilization and repositioning, these forms are unsurpassed. As your patient enters the form, they wiggle into position, where the secure foam comfortably supports them throughout their treatment.

Pelvic Forms

PFM - Supine Form

Pelvic Form Modified

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 into and out of the form. 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.



PF - Supine Form

Pelvic Form

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



BBE - Prone Form

Belly Board Extended

The Belly Board Extended is an advanced version of the Belly Board (see below). 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.



BB

Belly Board

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.



Side and Frog Forms

Alpha Cradle® Side and Frog forms are the newest addition to our arsenal of patient repositioning forms. Developed specifically for more complex treatment positioning involving decubitus patients and patients set up in a frog-type position. The Frog Form allows complete treatment access to the patient's perineal area.

SIDE

Side Form

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. The only device developed exclusively for treating in the decubitus position. 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.



FROG

Frog Form

The Frog Form 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 securely. While immobilizing the lower anatomy, this form also greatly reduces the amount of skin folds in this area, 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.



Head & Shoulder, Thorax Forms

HS2

Head & Shoulder 2

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.



HS2M

Head & Shoulder 2 Modified

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.



The HS2M immobilizes above the head to the top of the hips of the patient.

HS2ME

Head & Shoulder 2 Modified Extended

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. For superior breast repositioning, use the Bravelle™ with this form.



Notice the deep impressions made with the HS2. This is one of the easiest forms to fabricate.



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

Head & Shoulder, Thorax Forms

AT2

Thorax Form

The Adult Thorax 2 is a simplified, easy-to-use form that allows exact repositioning of the thorax region in the prone or supine position. Arms are raised at a 45° angle. The form is easily indexed with positioning lasers for exact form placement on the treatment couch.



Medical Alert Cards for your RT Patient

Smithers Medical Products, Inc. is proud to introduce a new line of products specifically designed for your radiation therapy patients.

Smithers Medical Products, Inc. is introducing a new line of products to help increase awareness for your cancer patient that is receiving external beam RT treatment.

Our first card is a beautiful clear card that has been designed for maximum awareness to bring attention to medical personnel that the carrier is a radiation therapy patient and is being treated with radiation. This information can greatly assist those in the emergency room should your patient have a medical emergency, especially if they are unable to communicate with emergency medical personnel.

Our second medical alert card has been designed with an attractive front notifying medical personnel that the carrier is an RT patient. The back of the card has been designed to incorporate information including the patient's name, patient's physician, treatment facility, condition being treated and medications.

To customize either card with your facility's name and/or logo, email or call for more information.

Size: 3.35" x 2.125" credit card size



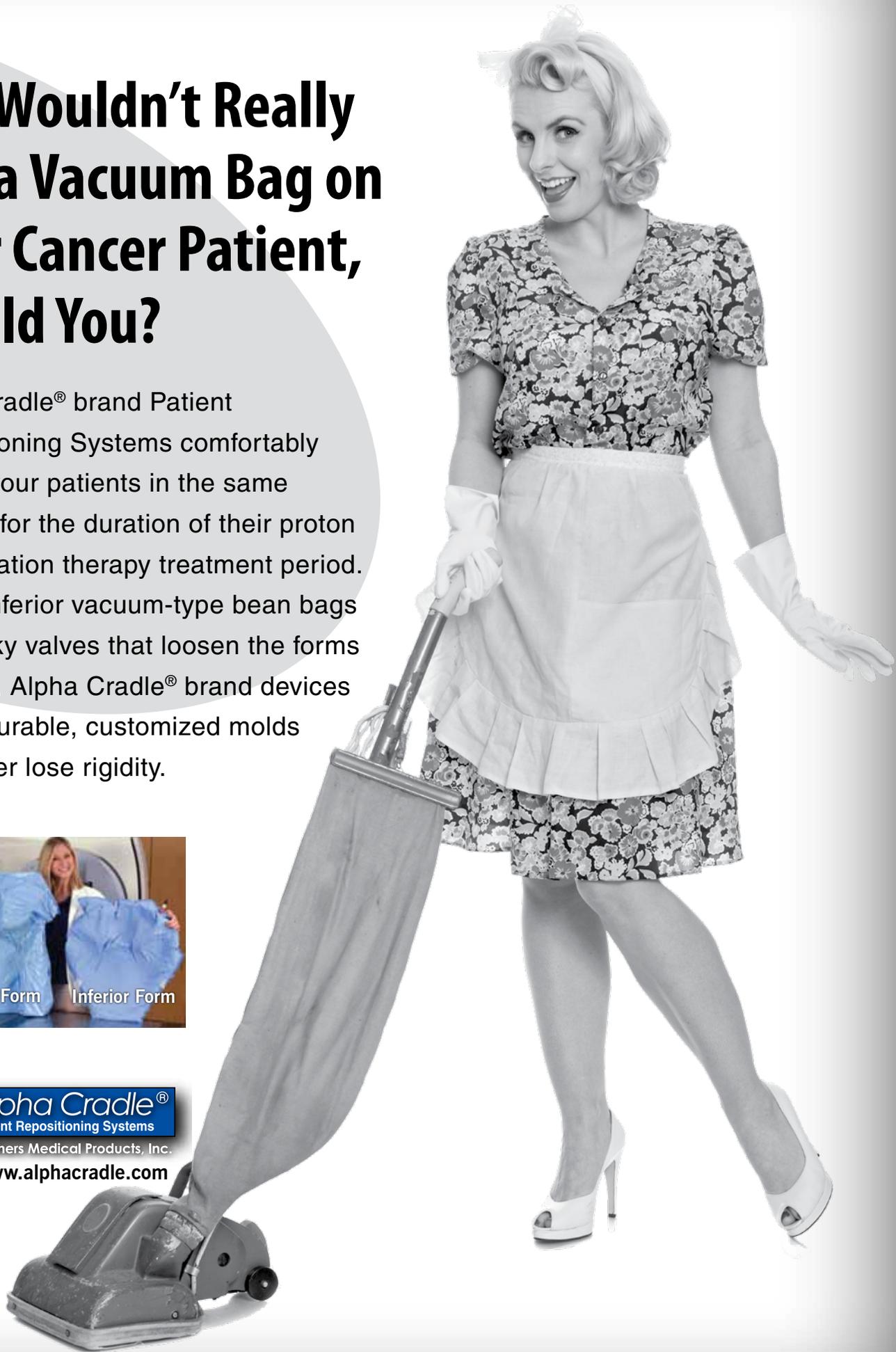
#MAC Clear Medical Alert Card



#MAC2 Two-sided Medical Alert Card

You Wouldn't Really Use a Vacuum Bag on Your Cancer Patient, Would You?

Alpha Cradle® brand Patient Repositioning Systems comfortably secure your patients in the same position for the duration of their proton and radiation therapy treatment period. Unlike inferior vacuum-type bean bags with leaky valves that loosen the forms and sag, Alpha Cradle® brand devices create durable, customized molds that never lose rigidity.



Central Nervous System, CNS Forms

CNS-A

Central Nervous System Adult Form

The Central Nervous System Adult is designed for children from 8 to 18 years old. The CNS form's patented design immobilizes from around the patient's head and face, to the patient's hips. A unique, hand-made face mold creates a pillow of foam around the forehead, cheek bones and mandible, while allowing free and easy breathing through the bottom of the form. The patient's eyes, nose and mouth remain free and open in the form.



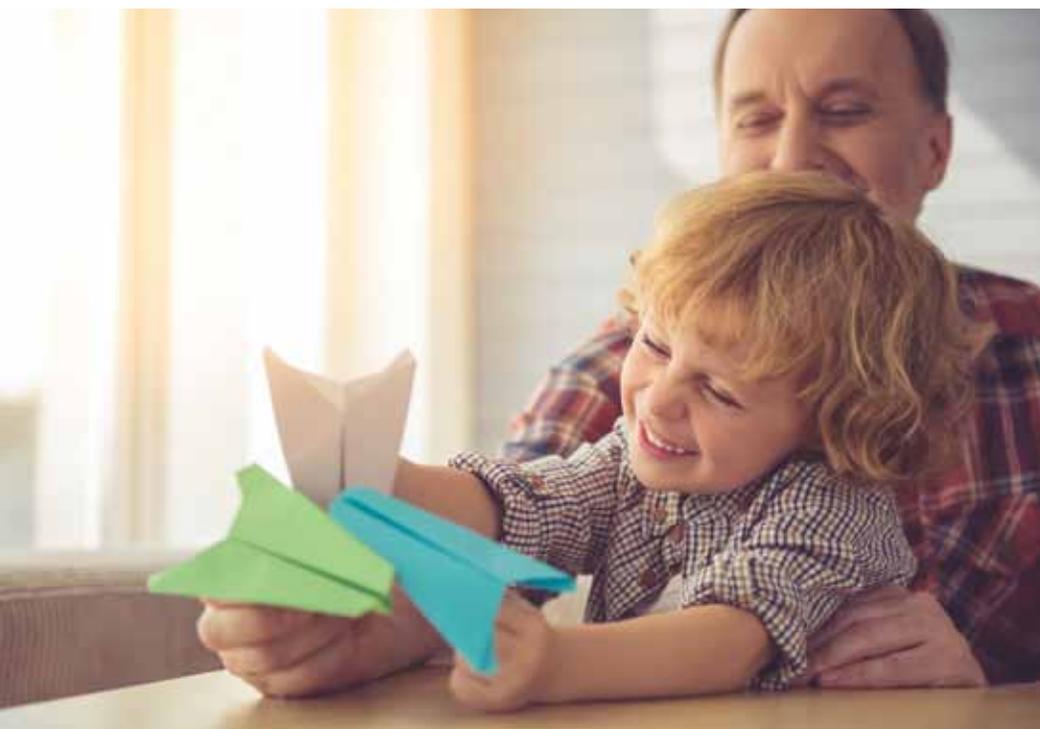
CNS-P

Central Nervous System Pediatric Form

The Central Nervous System Pediatric is 20% smaller than the CNS-A. It was designed for smaller children, 18 months to 6 years.



CNS forms come with special sheeting that makes an exact mold for extreme positioning of your patient.



*We know that making repositioning products that are easy for your patient to navigate not only saves you time, but also reassures the patient and reduces anxiety. It is with this mindset that we created the durability and usability in our Alpha Cradle® molds. We take **efficiency** seriously.*

If a patient can easily and quickly get in and out of their repositioning mold, this reduces treatment time and gets them back to the life they love to live. Quickly and efficiently — without ever sacrificing quality.

At Smithers Medical Products, Inc., we are committed to being partners with you in cancer treatment. Working together with you means taking **integration** seriously. Every product we sell is fully integratable with whatever treatment setup your facility is using. From treatment couches, to CT machines to head immobilization units, you can have confidence that our Alpha Cradles will incorporate seamlessly with your current equipment. Just another way you can count on Smithers Medical Products, Inc. in your treatment approach.



Head Forms

LHF

Lateral Head Form

The Lateral Head Form allows the head to lie laterally when the patient is positioned on their side. Soft, comfortable foam molds to the contour of the side of the patient's head, face, and shoulders. This foam support makes it easy to reproduce the set-up with precision and accuracy for daily treatment.



IHI

Imaging Head Immobilizer

The IHI was designed to fit inside most head holders. Now patients can be scanned with PET or CT and taken to radiation therapy or proton therapy and treated in the exact same position. When immobilization and repositioning is critical, the IHI delivers pinpoint targeting and accuracy.



IHI foaming agents deliver the exact amount of foam needed for a comfortable head support.

Extremity Forms

LEF

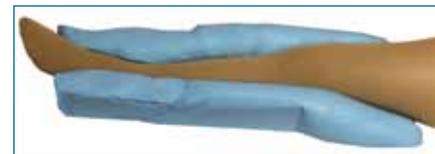
Lower Extremity Form

The Lower Extremity Form comfortably immobilizes the lower extremity from high mid-calf, to below the end of the patient's foot. This form controls rotation and flexion of the extremity, and easily allows ports to be cut into the form as necessary.

This perfect immobilization form was made using our AC325™ foam on the ACMMII. The comfortable foam will hold the leg motionless, in the EXACT same position, for each and every treatment.



Standard Lower Extremity Form



Lower Extremity Form made on ACMMII, using our AC325™ foam

UEF

Upper Extremity Form

The Upper Extremity Form comfortably immobilizes the upper extremity from the patient's armpit, to below the end of the patient's hand. The patient creates a hand mold that they can hold onto during treatment for added security and comfort. This form controls rotation and flexion of the extremity, and easily allows ports to be cut into the form as necessary.



Standard Upper Extremity Form



Upper Extremity Form made on ACMMII, using our AC250™ foam

Is Your Institution Using a Foam Product on Patients that has NOT Been Designed for Medical Use??



Are you or your institution using a foaming product that has not been designed for medical use.....on cancer patients?

When it comes to foam, there are many different types of foam on the market. There are open cell foams, closed cell foams, foams that are only approved for outdoor use, research foams, and many others, all made from different formulas and ingredients. During the foaming process, foam compounds give off different gases, that can include formaldehyde or toluene diisocyanate (TDI) gases. Some of these gases can be quite hazardous and toxic. Some of the materials are themselves carcinogenic.

Smithers Medical Products, Inc. has developed and manufactured our Alpha Cradle® brand foam for more than 37 years. Only Smithers Medical Products, Inc. sells Alpha Cradle® brand foam. This foam has been tested and refined, developed exclusively for use with medical patients. Our foam has been tested by an outside independent lab that performed toxicology testing with our proprietary foam formula. We have been providing safe, effective, quality foam for your patients and staff for close to four decades.

Are you using another foam at your institution? Is it designed for use in medical centers and on patients? Or is it a foam designed for research projects or outdoor use only? When your institution uses knock-off foam that hasn't been tested for toxicology, you are not only subjecting your patient to the gases, but you, the medical professional, are being exposed again and again to these potentially toxic gases. It is a violation of federal law to use products on humans that are not designed for medical use and registered with the FDA.

Insist on the only tried and tested Alpha Cradle® brand foaming agents. Smithers Medical Products, Inc.



Alpha Cradles® are... Today's Green Choice!



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 fragile environment. During our manufacturing process, we recycle all steel storage drums, shipping cardboard, glass, metals, and foam.

Used forms can be completely salvaged at your nearest recycling center, or returned to SMP where we will take the next step in the recycling process.

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®
Patient Repositioning Systems

Smithers Medical Products, Inc.

www.alphacradle.com

**NEW FOR
2018**

Brand New Products for 2018!

Alert Medical Personnel with Radiation Therapy Patient Cards

Smithers Medical Products, Inc. now offers a new service to your patients, Radiation Therapy Patient Medical Alert cards, to notify all medical personnel that this patient is receiving RT treatment and has been exposed to radiation. (See page 21)



Shown: Our new, double sided medical information radiation therapy alert card

INFORMATION

May 17, 1955

555-312-7007

All State Cancer Treatment Center
PHYSICIAN PHONE

Non-Hodgkins Lymphoma
TREATMENT FACILITY

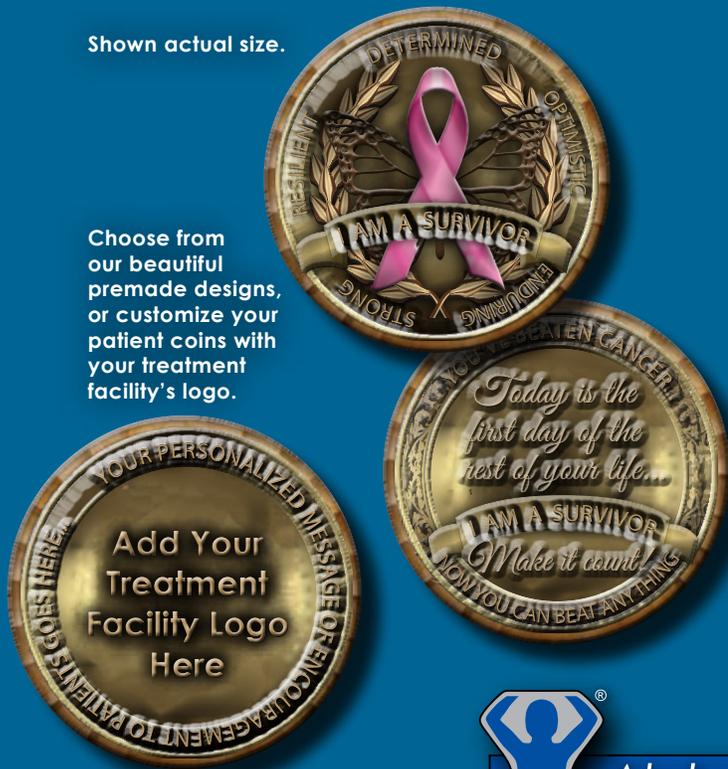
Class A Cancer Treatment Drugs

This patient is being treated with radiation therapy.

Above: Our clear radiation therapy alert card

Shown actual size.

Choose from our beautiful premade designs, or customize your patient coins with your treatment facility's logo.



Celebrate Patient Survival with Our New Survivor Coins

Smithers Medical Products, Inc. introduces our new patient Survivor Coins. Heavyweight brass and enamel, offered for Breast, Prostate and general cancer colors. These coins are available premade, or are fully customizable with your treatment facility logo. (See pages 10 - 11)

