



THE LEDGER LAW FIRM
MESOTHELIOMA ATTORNEYS



Answers to Your Questions About MESOTHELIOMA

Diagnosis, treatment and patient care

LEGAL QUESTIONS CALL **800-300-0001**

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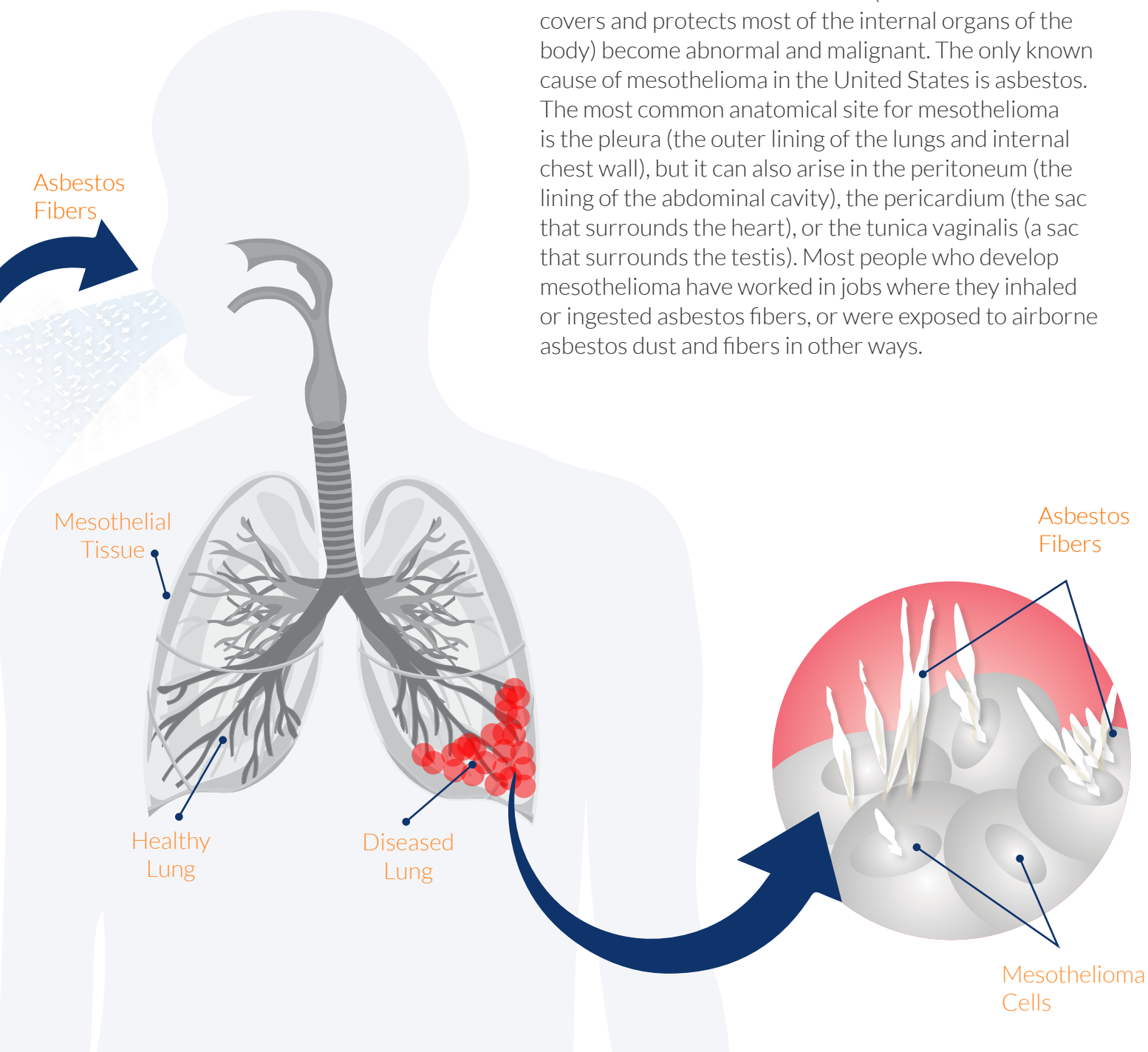
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Learning More about Mesothelioma

What is Mesothelioma?

In basic medical terms, mesothelioma is a rare cancer in which cells of the mesothelium (a membrane that covers and protects most of the internal organs of the body) become abnormal and malignant. The only known cause of mesothelioma in the United States is asbestos. The most common anatomical site for mesothelioma is the pleura (the outer lining of the lungs and internal chest wall), but it can also arise in the peritoneum (the lining of the abdominal cavity), the pericardium (the sac that surrounds the heart), or the tunica vaginalis (a sac that surrounds the testis). Most people who develop mesothelioma have worked in jobs where they inhaled or ingested asbestos fibers, or were exposed to airborne asbestos dust and fibers in other ways.



Learning More about Mesothelioma

What are the Symptoms?

Mesothelioma symptoms may vary from person to person and a number of variables can be involved. Some of the more common asbestos-related mesothelioma cancer symptoms associated with pleural mesothelioma and other types of mesothelioma as well include:

- Shortness of breath, difficulty breathing normally
- Severe coughing, coughing up blood
- Chest pain
- Rapid weight loss
- Impaired bowel function
- Abdominal bloating
- Persistent tiredness, fatigue even with minimal exertion
- Fluid retention in/around lungs

How is the Disease Diagnosed?

Because the symptoms of mesothelioma are common to a wide range of other illnesses and diseases – the cancer may have progressed to an advanced stage by the time a diagnosis is made.

If you or a family member has symptoms of asbestos disease, especially with a history of exposure, you should seek medical treatment without delay. A family physician is a good start, but he or she will not be able to verify a diagnosis of mesothelioma or lung cancer caused by asbestos.

How rare is the disease?

Between 2,000 and 3,000 new cases of mesothelioma are diagnosed in the United States each year.

I built this Law Firm For **YOU**. We bring **JUSTICE** to the victims of asbestos related lung disease. No platitudes. We are here to **HELP**.

Emery Ledger
Founder

However, you can expect some or all of the following:

Exposure History — A thorough review of the sources of known or likely exposure to asbestos, past employment, military service or secondary exposure, going back as much as 60 or more years.

Physical Examination — Documentation of the patient's symptoms, additional indications such as excess fluid in the chest cavity, general state of health and existing health conditions (comorbidity) that might affect treatment decisions.

In the initial physical exam or follow-up appointments, the doctor may order some or all of the following:

Breathing Tests — Blowing into a tube to gauge lung function.

Blood Work — Blood samples to obtain a baseline CBC (complete blood count).

Diagnostic Scans — X-ray, CT scan, PET scan or MRI of the pleural cavity (chest) or peritoneal cavity (abdomen) to corroborate a diagnosis and to pinpoint location, size and spread of the tumors.

Biopsy — Excision of sample of lung tissue or pleural tissue to verify the diagnosis and identify the type of cancerous cells and stage of the disease. This may be a needle biopsy under local anesthetic or a surgical biopsy in which the patient's chest or abdomen is cut open and samples are taken directly from different areas.

Bronchoscopy — Insertion of a flexible tube down the throat to visually inspect the lungs for scarring and fibroid masses (asbestosis) or tumors (cancer). The bronchoscope can also be used for biopsy.

Chemical or Microscopic Analysis — Differentiating between types of cancer is critical to treatment. Advanced techniques allow the oncologist to determine if the biopsied mass is mesothelioma, lung cancer, another cancer or benign (non-cancerous).

All of these tests take a lot of time, especially if doctors have the patient wait for lab results. Plan to spend several hours if not the entire day at the clinic or hospital. Because mesothelioma is usually not diagnosed until the disease is already well established, treatment options may be limited.



Learning More about Mesothelioma

What are the Types of Mesothelioma?

Although it is technically a single membrane, parts of the mesothelium have been given different names in relation to the internal organs they surround. For instance, the membrane surrounding the abdominal cavity is called the peritoneum; the part surrounding the lungs and lines the wall of the chest cavity, the pleura; and the part of the membrane that covers and protects the heart is known as the pericardium. Mesothelioma cancers associated with these parts of the membrane include:

- Pleural mesothelioma (the most common diagnosis)
- Peritoneal mesothelioma (a rarer form)
- Pericardial mesothelioma (very rare)
- Testicular mesothelioma (very rare)

Pleural Mesothelioma

Pleural mesothelioma affects the pleura, a sac surrounding the lungs that also contains the mesothelium membrane. It is the most common form of mesothelioma, but like all others – diagnoses made before the advanced stages of the disease are rare.

Asbestos and Pleural Mesothelioma

Asbestos exposure is the most common denominator among individuals diagnosed with mesothelioma. In cases of pleural mesothelioma, asbestos fibers are inhaled and become embedded in the pleura or mesothelium where their naturally jagged shape causes inflammation. Eventually, 20 years or more later, this inflammation can morph into asbestosis, lung cancer caused by asbestos or mesothelioma.

Pleural mesothelioma symptoms include:

- Chest pain
- Persistent cough
- Shortness of breath, difficulty breathing normally
- Fluid build-up around the lungs
- Blood clots
- Loss of appetite/rapid weight loss



Learning More about Mesothelioma

What are the Types of Mesothelioma?

Medical Treatment Options

The fact that mesothelioma is rarely diagnosed before its advanced stages means that treatment options for people diagnosed with pleural mesothelioma are most often limited and ineffective. Because of that, treatment strategies tend to be focused more on improving quality of life rather than on defeating the disease. Generally, treatment will include a combination of radiation therapy and chemotherapy with the specifics of the plan dependent on factors such as age, health, and the location of the tumor.

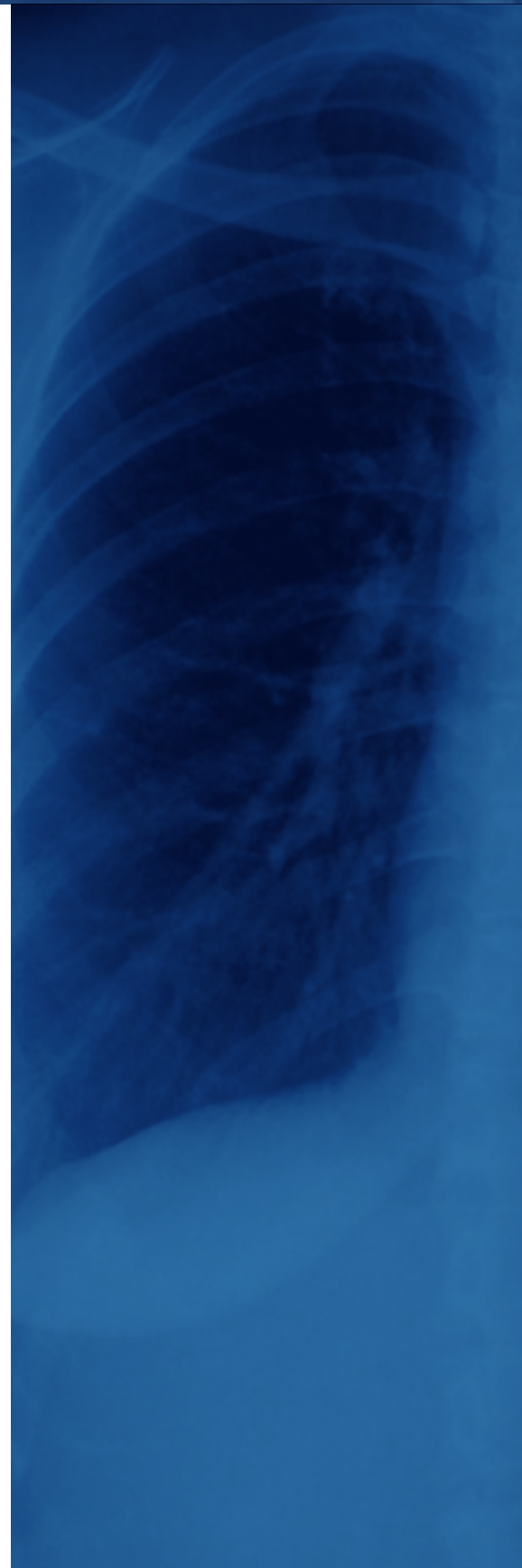
See Treating Mesothelioma on page 21 of this binder.

Peritoneal Mesothelioma

The abdominal cancer known as peritoneal mesothelioma affects the peritoneum (the area of the mesothelium that surrounds the abdominal cavity). The peritoneum has two layers, the “parietal” or outer layer, and the “visceral” or inner layer. Either layer or both may be affected by peritoneal mesothelioma.

On average, less than 500 new cases of peritoneal mesothelioma are diagnosed in the United States each year — very few of which are given before the disease has reached its advanced stages. Symptoms associated with this rare type of asbestos-related cancer include:

- Abdominal pain
- Swelling of the abdominal cavity
- Loss of appetite/rapid weight loss
- Fever
- Intestinal obstruction/impaired bowel function
- Anemia, general weakness or extreme fatigue



Learning More about Mesothelioma

What are the Types of Mesothelioma?

Pericardial Mesothelioma

Pericardial mesothelioma develops in the pericardium, a fluid filled lining that surrounds and protects the heart. It is one of the rarest forms of mesothelioma and is generally seen only in patients who have had an extended amount of exposure to asbestos.

Pericardial mesothelioma is strongly associated with long-term asbestos exposure. In these cases, asbestos fibers become embedded in the pericardium. Once there, their naturally jagged shape causes inflammation to occur. Over time, scar tissue builds up from the inflammation and malignant cancer cells may begin to develop — eventually leading to a diagnosis of pericardial mesothelioma.

Associated symptoms of this disease include:

- Chest pain
- Persistent coughing
- Heart palpitations or irregular heartbeat
- Shortness of breath, difficulty breathing normally
- Fever/night sweats

Testicular Mesothelioma

Testicular mesothelioma is the rarest type of asbestosis-related cancer, with less than 100 reported cases total. Unfortunately, the rareness of this disease has made it difficult for medical researchers to identify a definitive set of symptoms for diagnostic purposes. In fact, the only recognized sign of the disease is the appearance of testicular lumps. Treatment of testicular mesothelioma is usually removal of testicles, or in some cases, only a portion.

Learning More about Mesothelioma

What are the Causes of Mesothelioma?

Working with asbestos, a mineral fiber that occurs in rock and soil is the major risk factor for mesothelioma. Asbestos has not been banned entirely and is still used in some applications (and labeled accordingly). With its fiber strength and heat resistance, asbestos has been used in a variety of building construction materials for insulation and as a fire retardant. Roofing shingles, textured paint, and ceiling/floor tiles can contain asbestos. It can also be found in paper products, asbestos cement products, and friction products for automobiles (clutch, brake, and transmission parts).

In the United States, asbestos is the only known cause of malignant mesothelioma and the relationship between asbestos and mesothelioma is so strong that many consider mesothelioma a “sentinel” or “signal” tumor. The fibers are generally only released during demolition work, building or home maintenance, repair, and remodeling. In other words, fibers are released into the air only when the asbestos-containing materials are disturbed or damaged. Because many types of building products and insulation materials with asbestos were used until the late 1980’s, there is still a risk.

Long-term, repeated exposure to asbestos increases your chances of developing this life-threatening disease. For individuals that also smoke, the chance of developing this form of lung cancer is heightened. It can be difficult to diagnose mesothelioma and doctors often look at a person’s complete medical history including their work, cultural, and environmental past.

A small number of mesothelioma cases exist in individuals without any known exposure to asbestos. Additionally, outside of the US, the incidence of environmental mesothelioma is higher in populations living near naturally occurring asbestos. For example, in central Turkey, mesothelioma was causing 50% of all deaths in three small villages there. Recent documentation has found the presence of asbestos fibers in food as well as water, raising the concern about long-term impacts on the general population.

Today, the official position of OSHA and the U.S. EPA is that protections and “permissible exposure limits” required by U.S. regulations, while satisfactory, are not adequate in the complete prevention or protection against asbestos-related cancers such as mesothelioma. The reasoning? There are no known safe levels of exposure to asbestos as it relates to the increased risk of mesothelioma.



Learning More about Mesothelioma

Prognosis and Staging of Mesothelioma

A confirmation of mesothelioma is not itself surprising at this point. The shock factor is when patients and family members learn how far the disease has spread. Most patients are diagnosed at the later stages when treatments are limited.

STAGE I: The tumors are still localized in the mesothelium (chest wall). Surgical removal and all other treatments are viable, and survival rates are relatively good.

STAGE II: The disease has spread beyond the mesothelium to the lungs, diaphragm or pericardium (heart sac), but not to the lymph nodes. More radical surgeries may still be an option, and radiation and chemotherapy may be able to halt the progression and extend life.

STAGE III: The malignant cells have invaded the fatty tissues and lymph nodes of the chest cavity and abdominal cavity. Radiation and other therapies can slow but not stop the disease.

STAGE IV: The cancer has spread to other organs throughout the body and compromised major systems such as the heart, digestive tract and spinal cord. Treatment in this end stage is focused on making the person as comfortable as possible.



Learning More about Mesothelioma

Questions to Ask Your Doctor

Because your life, the diagnosis you've been given, how you feel about it and how it's affecting you and your family are unique — there isn't anyone who can tell you exactly what to do or how to cope from this point forward. The best you can do is to stay focused on the present, avoiding anger or depression, don't try to go it alone and ask your doctor a lot of questions, such as:

What are the treatment options most suitable for my diagnosis?

Has my cancer spread beyond the primary site?

What is the stage of my cancer and type and what does it mean for me?

What is my prognosis?

What do you recommend and why?

Learning More about Mesothelioma

Questions to Ask Your Doctor

How long have you been treating patients with this type of mesothelioma and what success have you had?

Are there any clinical trials available for me to participate in given my diagnosis?

Are there any risks or side effects associated with the treatment plan you suggest?

What are the chances my cancer will recur with this treatment plan? What can I do to prepare for treatment?

No diagnosis is the same so your questions may vary from these examples. A good exercise to perform is to sit down with a loved one and have them brainstorm questions with you prior to seeing your doctor. It is also good idea to take a loved one with you to your appointment so they can take notes and remind you of questions to ask. The more information you can get out of your doctor, the better informed and prepared you will be for treatment.

Learning More about Mesothelioma

Family Members Exposed to Asbestos

The widespread use of asbestos in American industries during the 20th Century posed a danger to the people who worked with it or near it. Equally at risk are the families of these workers who bring asbestos fibers home on their clothing, in their hair, on their tools and in the family car. Often, even the simple act of taking dirty clothes to the laundry room can cause the fibers to become airborne and inhaled. Multiply even that once-a-day act by hundreds or thousands of days — and the risk to spouses, children and others living in the home increases tremendously. This kind of “second-hand” asbestos exposure has been known to cause lung cancer and mesothelioma in family members of the following high-risk workers:

- Shipyard employees
- Asbestos mining and manufacturing workers
- Refinery workers
- Chemical plant employees
- Foundry workers
- Mechanics
- Construction workers involved with insulation work, demolition work, drywall, floor and ceiling tile, and other building related trades
- Mechanics
- Pipe fitters
- Electricians
- Boilermakers
- Power plant workers
- Welders
- Roofers



Learning More about Mesothelioma

Coping With a Mesothelioma Diagnosis or Asbestos- Related Lung Cancer

Your job description never said anything about the health risks associated with asbestos nor “require” you to inhale those small deadly fibers into your lungs — you did just the same, and are now suffering from mesothelioma or another type of asbestos-related disease because of it.

The source? It could have been the drywall you used to install. It could have been the boiler insulation you worked with in the shipyards. It could have come from working near people who were cutting and grinding pipe gaskets.

Or, you might have lived with someone who worked in a high-risk occupation and then carried asbestos fibers into the home on their clothes.

Whenever or however you were exposed, the most important concerns right now are your health and your quality of life.

WHAT WORKS?

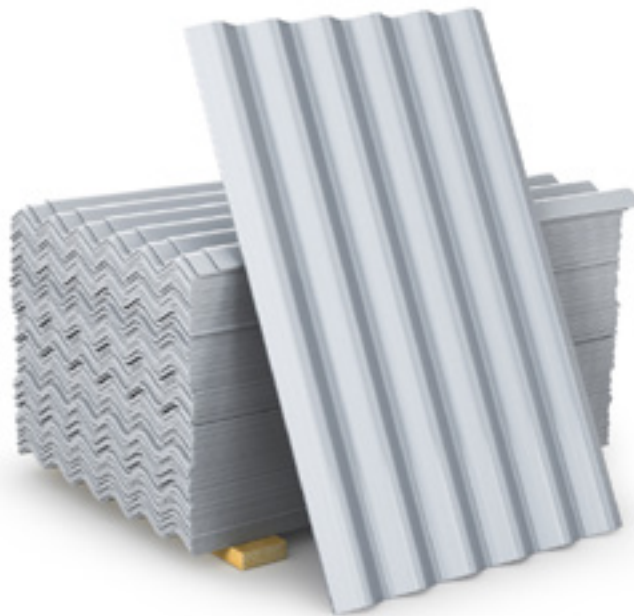
Many people diagnosed with asbestos-related diseases such as mesothelioma have found some coping strategies to be more helpful than others.

Two strategies, in particular, to consider include:

- **Stay focused on the present.** Being angry or depressed about what happened, or worrying about what might, won't change anything. What they will do is deprive you of the opportunity to enjoy the time you have left with loved ones.
- **Don't go it alone.** Help is out there but it won't just come to you. Our lawyers can put you in touch with local support groups and other helpful resources, including books and organizations like the Mesothelioma Applied Research Foundation (MARF). We may even be able to recommend leading physicians in your area.

Exposure to Asbestos

How Were You Exposed to Asbestos?



Asbestos refers to a set of six naturally occurring fibrous minerals. Asbestos has six primary sub-classifications. These are chrysotile, crocidolite, amosite, anthophyllite, tremolite, and actinolite. Among these, chrysotile and amosite asbestos are the most common.

Asbestos fibers are microscopic but extremely durable and resistant to fire and most chemical reactions. For this reason, asbestos was used for many years in a number of different commercial and industrial capacities. Because of its strength and resistance to heat, asbestos was used in roofing shingles, floor tiles, ceiling materials, cement compounds, textile products, and automotive parts. Asbestos is now strictly regulated as asbestos exposure is now associated with a number of lung and respiratory health conditions.

Why is Asbestos Hazardous?

Asbestos use was discontinued in the 1980's upon being found to be a hazard to human health. Today, asbestos is classified as a known human carcinogen. The durability properties, which made asbestos so desirable to manufacturers, are that which make asbestos hazardous. Because asbestos fibers are microscopic (roughly .02 the diameter of a human hair) they are easily inhaled. Once inhaled, the fibers cling to the respiratory system, including the lining of the lungs and inner cavity tissue. As asbestos fibers are typically quite rigid, they lodge easily in the soft internal tissue of the respiratory system and are not easily expelled or broken-down by the body.

Because asbestos use was so prominent until its hazards became clear, hundreds of thousands of people were exposed to the mineral in some capacity. There is no safe type of asbestos and no safe level of exposure. Nearly all those with exposure history are potentially at risk of serious respiratory health complications.

Exposure to Asbestos

Where Exposure Occurs

Asbestos Exposure in the Workplace

Because asbestos was so widely used during the last century, millions of people worked in places where they were exposed to asbestos fibers. For some, the exposure was minimal. For others working in what we now know are high-risk occupations —asbestos exposure was a routine and pervasive part of daily employment.

People who were routinely exposed to deadly asbestos fibers in the workplace during the product's most widespread period of use include:

- Construction/Remodeling workers
- Electricians
- Welders
- Roofers
- Plumbers and pipe fitters
- Shipyard employees
- Railroad employees
- Auto mechanics
- Maintenance workers
- Boiler mechanics
- Insulation installers
- Chemical plant workers
- Factory workers
- Military personnel and defense contractor employees
- Union workers

Asbestos

WHEN WAS IT USED?

In the United States, it was most widely used during the 1950s, '60s and '70s.



Asbestos in Consumer and Commercial Products

Although its use during the 20th century garners most of the attention —asbestos has been used in various products and in countries around the world for thousands of years.

Considered something of a miracle product, asbestos is strong. It is flexible and easy to work with, resistant to both heat and flame and it does not conduct electricity. For all these reasons, asbestos was in many ways —a builder's and manufacturer's dream come true ... and a nightmare for people diagnosed with lung cancer caused by asbestos and mesotheliomas because they were exposed to its deadly fibers.

Exposure to Asbestos

Common Commercial and Industrial Asbestos Products Include:

- Cement and cement products
- Brick and block mortar
- Building insulation
- Roofing shingles
- Flooring tile
- Vinyl flooring
- Floor leveling compound
- Ceiling tile
- Plaster or drywall jointing materials
- Boiler insulation
- Pipe insulation
- Automotive and pipe gaskets
- Fireproofing spray
- Brake shoes
- Welding blankets and screens
- Adhesives and bonding agents

Asbestos Products That May be Found in the Household Include:

- Hair dryers
- Coffee makers
- Electric blankets
- Heat guns
- Molding clay
- Dry wall patch
- Spray insulation (loose vermiculite)
- Pipe insulation
- Fake fireplace logs

Exposure at Shipyards

One of the most at-risk groups of workers is that of shipyard workers. As long as there is a ship with asbestos being used or taken apart, the risk will remain for shipyard workers across the United States, including those in California, Washington State, New York, Maine, Boston, Florida, Louisiana and Hawaii.

Asbestos was used in multiple parts of U.S. Navy ships, particularly as insulation. As a result, anyone who was involved in building the ships, operating the ships, renovating the ships or taking apart the ships was placed at risk for asbestos exposure. During the World War II era, tens of thousands of shipyard workers were exposed to dangerous asbestos dust and now run the risk of developing mesothelioma.

Navy Personnel Exposed to Asbestos

Asbestos is highly toxic to humans, yet the material was widely used at shipyards and naval bases for most of the 20th century. Millions of private sector and U.S. Navy shipbuilders were exposed, as recently as the 1970s and 1980s, at facilities from coast to coast. In fact, the list of shipyards not associated with asbestos exposure would be very short.

Does a family member who served in the Navy or worked in the yards have a diagnosis of mesothelioma or symptoms of asbestos disease? In pursuit of compensation, our attorneys excel at identifying shipyards and duty stations where clients would have been exposed to the poisonous substance.

The Ledger Law Firm has many calls from concerned Asbestos victims on a daily. Many of our potential clients served in the Navy, worked in shipbuilding jobs or both. Many sailors and shipbuilders were later exposed to asbestos again in other high-risk occupations for asbestos exposure.

The U.S. Navy knew of the dangers long before it banned asbestos in shipbuilding.

Exposure to Asbestos

American Shipyards and Naval Bases With Documented Asbestos Exposure

ALABAMA

- Alabama Dry Dock & Shipbuilding Co., Mobile
- Bender Shipbuilding
- Gulf Shipbuilding Corp., Chickasaw
- Ingalls Shipyard

ALASKA

- Seward Ships Drydock
- Seward Marine Industrial Center

CALIFORNIA

- Bethlehem Shipyard, San Francisco
- Bethlehem Steel Shipyard, Terminal Island
- Conrad Industries
- Consolidated Steel Shipyards
- Hunters Point Naval Shipyard
- Kaiser Shipyard, Richmond
- Long Beach Naval Shipyard (renamed Terminal Island in 1943)
- Mare Island Naval Shipyard, Vallejo
- Marinship Corp., Sausalito
- Moore Drydock
- NASSCO
- Naval Weapons Station Seal Beach
- Permanente Metals Corp., No. 1 Yard, Richmond
- Permanente Metals Corp., No. 2 Yard, Richmond
- Richmond Shipyard
- Rough & Ready Island Ship Repair
- San Diego Naval Shipyard and Air Station
- San Francisco Drydock
- Southwest Marine Shipyard, Long Beach
- Southwest Marine Shipyard, San Diego
- Terminal Island Naval Operating Base
- Terminal Island Naval Shipyard(aka Long Beach Naval Shipyard)
- Todd Shipyard, Los Angeles
- Todd Shipyard, San Francisco
- Todd Alameda Naval Shipyard
- Todd Shipyard, Oakland
- Todd Shipyard, San Pedro
- Western Shipyard
- Western Pipe & Steel Co. of California, San Pedro

CONNECTICUT

- Electric Boat
- Groton Electric Boat Co.
- Naval Submarine Base New London (Groton Naval Base)

DISTRICT OF COLUMBIA

- Washington Navy Yard

FLORIDA

- Atlantic Dry Dock
- Gulf Marine Repair Corp.
- J. A. Jones Construction Co., Panama City
- Hendry Corp.
- Mayport Naval Station
- Offshore Shipbuilding Inc.
- Pensacola Naval Air Station
- St. John's River Shipbuilding Co., Jacksonville
- Tampa Bay Shipbuilding

GEORGIA

- J. A. Jones Construction Co., Brunswick
- Southeastern Shipbuilding Corp., Savannah

ILLINOIS

- Chicago Bridge & Iron Co., Seneca
- Naval Station Great Lakes, North Chicago

INDIANA

- Jeffersonville Boat & Machine Co., Jeffersonville
- Missouri Valley Bridge & Iron Co., Evansville

LOUISIANA

- Avondale Industries
- Bollinger Shipyards
- Conrad Industries
- Delta Shipbuilding Co., New Orleans

MAINE

- Bath Iron Works Corp., Bath
- New England Shipbuilding Co., South Portland
- Portsmouth Naval Shipyard, Kittery

MARYLAND

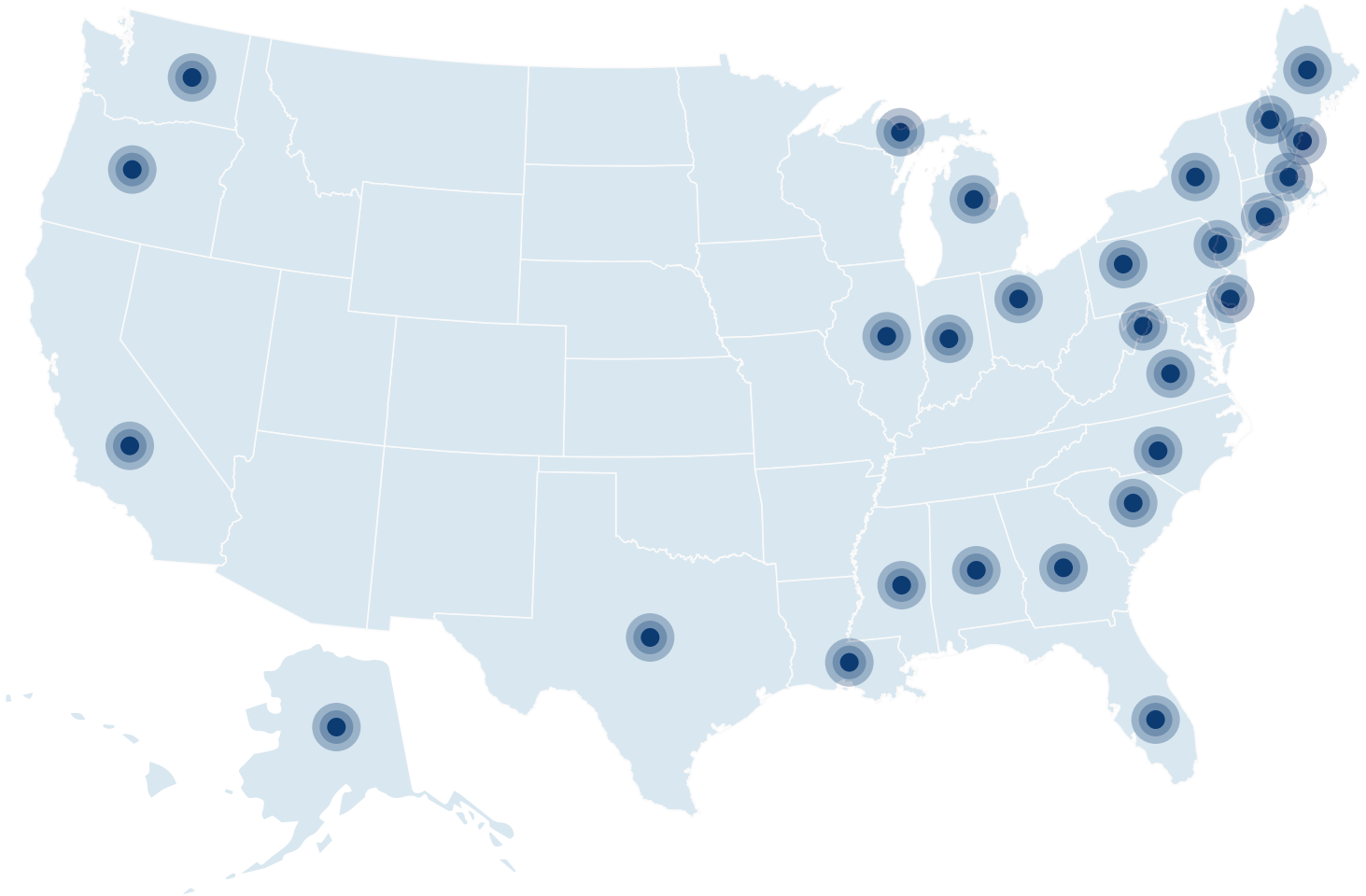
- Baltimore Marine Industries
- Bethlehem Shipbuilding
- Bethlehem-Fairfield Shipyards Inc., Baltimore
- Curtis Bay Coast Guard Yard
- Ellicott International
- Key Highway Shipyard

MASSACHUSETTS

- Bethlehem Steel Co., Hingham
- Bethlehem Steel Co., Quincy
- Boston Navy Yard (aka Charlestown Navy Yard, Boston Naval Shipyard)
- Fore River Shipyard
- General Ship Corp.

Exposure to Asbestos

American Shipyards and Naval Bases With Documented Asbestos Exposure



MICHIGAN

- Defoe Shipbuilding Co.

MISSISSIPPI

- Ingalls Shipbuilding
- Naval Station Pascagoula
- Trinity Marine Group

NEW HAMPSHIRE

- Portsmouth Naval Shipyard

NEW JERSEY

- Federal Shipbuilding, Newark
- Federal Shipbuilding, Kearny
- Federal Shipbuilding & Dry Dock Co., Port Newark
- New York Shipbuilding, Camden
- Todd Shipyard, Hoboken

NEW YORK

- Bethlehem Steel Co., Staten Island
- Brooklyn Navy Shipyard(New York Naval Shipyard)
- Caddell Drydock and Repair
- GMD Shipyard
- Todd Shipyard, Brooklyn North Carolina
- North Carolina Shipbuilding Co., Wilmington

OHIO

- American Shipbuilding

OREGON

- Albina Shipyard
- Astoria Voyage Repair Station
- Cascade General
- Commercial Iron & Steel Shipyard - Portland

Exposure to Asbestos

American Shipyards and Naval Bases With Documented Asbestos Exposure

- Dyer Shipyard
- Floating Marine Ways Shipyard - Portland
- Gunderson/FMC Shipyard - Portland
- Kaiser Shipyard
- Northwest Marine Ironworks
- Oregon Shipyard (Kaiser)
- Oregon Shipbuilding Co., Portland
- Portland Ship Repair Yard
- South Portland Shipyard
- Swan Island Shipyard
- Tongue Point Naval Shipyard
- Willamette Iron & Steel Corp., Portland
- Zidell's Shipyard, Portland

PENNSYLVANIA

- American Bridge Co., Pittsburgh
- Bethlehem Shipbuilding Corp.
- Cramp Shipbuilding Co., Philadelphia
- Dravo Corp., Pittsburgh
- Key Highway Shipyard
- Penn Shipbuilding
- Pennsylvania Shipyard, Beaumont
- Philadelphia Naval Shipyard (aka Navy Yard)
- Sun Shipbuilding & Dry Dock Co., Chester

RHODE ISLAND

- Newport Naval Yard (Naval Station Newport)

SOUTH CAROLINA

- Braswell Services Group
- Carolina Shipping Co.
- Charleston Naval Shipyard (Charleston Navy Yard)
- Detyen's Shipyard

TEXAS

- American Bridge Shipyard, Orange
- AMFELS, Brownsville
- Barbas Cut Docks
- Bloodworth Bond Shipyard
- Boats of Freeport
- Brown Shipbuilding Co., Houston
- Consolidated Steel Corp., Orange
- Galveston Docks
- Houston Shipyards
- Ingalls Shipbuilding
- Kane Shipbuilding

- Naval Station Ingleside
- Orange Shipbuilding Co.
- Pennsylvania Shipyard, Beaumont
- Port Adams Shipyard
- Todd Shipyard, Houston
- Trinity Marine Group
- USX Shipyard

VIRGINIA

- Collona's Shipyard
- Little Creek Amphibious Base
- Lyon Shipyard
- Naval Amphibious Base, Little Creek
- Newport News Shipyard (aka Newport News Shipbuilding & Dry Dock Co.)
- Norfolk Naval Shipyard, Portsmouth (aka Norfolk Navy Yard)
- NORSHIPCO
- Phillyship
- Richmond Shipyards

WASHINGTON STATE

- Associated Shipbuilders Inc., Seattle
- Duwamish Shipyard
- Foss Tug and Launch Co.
- Kaiser Vancouver Shipyard
- Lake Washington Shipyards, Houghton
- Lake Union Drydock
- Lockheed Shipyard
- Masco Shipyard
- Naval Station Everett
- Puget Sound Naval Shipyard (aka Bremerton Navy Yard, Puget Sound Navy Yard)
- Tacoma Drydock
- Strategic Weapons Facility Pacific, Bangor
- Todd Shipyard, Seattle
- Todd Shipyard, Tacoma
- Vancouver Shipyard
- Voyage Repair Station Port Angeles

WASHINGTON, D.C.

- Washington Navy Yard



Treating Mesothelioma

Exploring Surgery and Other Mesothelioma Treatments

Mesothelioma and lung cancer caused by asbestos are considered terminal cancers, particularly in stages III and IV. However, an increasing percentage of patients are still alive five or more years after diagnosis through aggressive, cutting-edge treatment in stages I or II. Even for those in latter stages, medical advances are extending life, alleviating painful symptoms and improving quality of life in their waning months.

Our lawyers and support staff can help you connect to doctors in your area who can provide a prompt and accurate diagnosis of asbestos disease to take full advantage of the remaining treatment options. We also help clients connect with leading medical centers in the U.S. known for their cutting-edge methods in mesothelioma treatment.

Treatment in a specific case depends on the patient's age and health, the type of cancer, the progression of the disease and other factors. Below are brief descriptions of treatment options, often used in combinations of two or more approaches:

Curative surgery— In stages I and II, mesothelioma patients may be candidates for surgical removal of cancerous tissues. Pleurectomy is removal of the pleura, the lining that encases the lungs. Pneumonectomy is removal of all or part of a diseased lung. Extra pleural pneumonectomy removes parts of the lung, pleura and diaphragm. In patients who are healthy enough to withstand these aggressive and invasive procedures surgery has proven effective at stopping the spread of cancer and keeping it at bay for years.

Treating Mesothelioma

Exploring Surgery and Other Mesothelioma Treatments

Palliative surgery—In advanced stages, surgery is not an option for fighting the cancer, but it can alleviate the considerable pain. Pleurocentesis is a procedure to drain fluid that builds up in the pleural cavity, causing pain and breathing problems. Talc pleurocentesis is a companion procedure to fill the drained cavity with inert material so that fluid does not build up again.

Radiation—Radiation kills cancer cells and slows the progression. It also alleviates some symptoms, so it has value at any stage of mesothelioma. It is commonly used in conjunction with chemotherapy for maximum effect. Advances in radiation therapy have improved the ability to target cancerous cells and spare more healthy cells, thus reducing side effects known as radiation sickness. Radiation can be external (similar to an X-ray machine), or internal (through pills, injections or implanted mechanisms).

Chemotherapy—The latest drugs are more effective at killing cancer cells and preventing them from reproducing. Chemotherapy is used to shrink tumors prior to surgery and “clean up” remaining cancer cells not removed in surgery. It is also used in later stages to stop or slow the spread of cancer. Chemicals are commonly used in pairs to increase their effectiveness and in conjunction with radiation and other therapies. Chemotherapy can be delivered via pills or intravenously.

Gene therapy and immunotherapy—These emerging tactics change the genetic structure of cancerous cells, interfering with their ability to divide and spread, or enhance cells’ natural immune response to fend off cancer. Clinical trials have shown encouraging results, but genetic therapies are not yet widespread.

Photodynamic therapy—Another cutting-edge treatment, phototherapy uses light to activate photosensitive drugs that kill cancerous cells.

Photodynamic therapy has proven effective, especially for patients who are not candidates for surgery, radiation or chemotherapy, but it is useful only for localized (early stage) tumors.

Alimta®/Cisplatin—In February 2004, U.S. Food and Drug Administration approved Alimta for treating malignant pleural mesothelioma. Until this juncture, finding a proactive drug treatment for mesothelioma has been rather unsuccessful.

Holistic or alternative medicine—Some patients who eschew radiation, chemicals or invasive surgery (or who are not candidates for these therapies), have alleviated symptoms and boosted their immunity through dietary changes and use of supplements, yoga, breathing exercises and other alternatives such as:

- Health Coaching
- Healing and Therapeutic Touch Therapy
- Herbal & Nutritional Supplements
- Homeopathy
- Hypnotherapy
- Lymph Drainage Therapy
- Massage
- Meditation
- Music Therapy
- Naturopathy
- Nutritional Resources
- Osteopathy
- Reiki (relaxation techniques)
- Transcutaneous Electric Nerve Stimulation



Treating Mesothelioma

Treatment by Stage

While an absolute cure does not exist for mesothelioma, treatment options are available on various levels. Mesothelioma is a complicated disease; therefore customized treatment plans are available depending on the individual's needs. When determining the best treatment, many things are considered: type of cancer, age, overall health, and aggressiveness of treatment desired. In 1995, the International Mesothelioma Interest Group (IMIG) developed the detailed IMIG staging system. This system is common when gauging the severity of the mesothelioma and deciding treatment.

Stage I

Most patients with stage I mesothelioma have their cancer surgically removed. They also usually show none or few symptoms, and the prognosis is hopeful. Stage I patients are usually eligible for potentially curative treatments such as surgery, chemotherapy and radiation therapy. Stage I patients, with the various options for treatment, can live for years after the diagnosis.

Stage II

At this stage, the cancer has begun to spread from the original tumor site, affecting lymph nodes. Often, surgery is still available to Stage II patients. In most patients, the cancer forms in the lining of the lungs, called the pleura, and only vague or mild symptoms are present. By combining surgery and chemotherapy and/or radiation, the patient may prolong life

expectancy for up to 16 months. Many patients may also benefit from enrolling in clinical trials that help evaluate the newest and most innovative treatment options available.

Stage III

Stage III mesothelioma cancer is considered to be a more advanced stage and the prognosis is typically not optimistic for patients. Generally patients feel frequent pain and the emphasis is placed on making them feel more comfortable, although there are still combined methods for extending their life expectancy slightly. Surgery, chemotherapy, and radiation do not cure the mesothelioma; however these options may improve the patient's quality of life, reducing pain, and prolonging life. Today, there are limited amounts of treatment options available for Stage III mesothelioma.

Stage IV

This is the most advanced stage for mesothelioma. By the time mesothelioma is at Stage IV, tumor growth and symptoms are more severe. This stage carries the poorest prognosis, but resources are available to help patients cope. Doctors may use a mix of palliative radiation therapy and surgical removal of bulk tumors to ease symptoms and potentially extend survival, also combining radiation (which is less invasive). Patients with Stage IV mesothelioma have an average life expectancy of six and a half months after a diagnosis is made.

Treating Mesothelioma

Treatment Side Effects

For the most part, cancer patients will often claim that symptoms associated with cancer treatment can be even more difficult to bear than those caused by the cancer itself. Mesothelioma can be an extremely difficult cancer to manage and treatment side effects are often severe. For this reason, we provide the following common side effects associated with certain treatments, as well as resources and community organizations available to assist you throughout your journey.

Pain Management & Dependency

Pain management is an important component of a mesothelioma patient care plan. Learn more about assessing, tracking and managing pain as well as how to notice and handle pain medication dependency.

Pain Clinics

Pain management clinics are located in many of the major cancer centers in the United States. They are designed to help those diagnosed with cancer, like mesothelioma, to learn effective pain management and coping strategies so that they may experience greater comfort and peace of mind.

Sleep Disorders & Sleep Apnea

Sleep “disturbance” can impede the effectiveness of mesothelioma treatment in asbestos cancer patients. Learn more about sleep disorders and other issues that cancer patients face as well as helpful resources in your area that can assist with treating them.

Patient Hair Loss Resources

Hair loss is a common side effect of chemotherapy treatment. Our hair loss

resource directory provides access to companies that specialize in wigs and wig alternatives for cancer patients.

Cachexia and Anorexia

Unfortunately, different cancer treatment regimens are associated with loss of appetite and, in severe cases, malnutrition and wasting disorders. Learn to recognize the signs of these disorders and where to find help if you begin experiencing them.

Chemo Brain

Chemotherapy is associated with a number of side effects, but lesser known are the effects of chemotherapy regimens on mental capacity—specifically memory. Chemo brain is a memory and cognitive disorder experienced by many patients undergoing chemotherapy.

Flu Vaccinations

The immune function can be compromised in mesothelioma cancer patients. For this reason, it is important to take precautions to guard against infections from the flu and other viruses which can exacerbate cancer symptoms. One way to do this is to receive a flu vaccination each year.

Cancer Intimacy Issues

Cancer patients who maintain physical intimacy throughout the diagnosis and treatment phases of the disease can experience significant emotional and physical benefits. Learn about the challenges that cancer patients may face in the area of sexual intimacy and how they can be overcome.

Treating Mesothelioma

Clinical Trials

Studies of promising new or experimental treatments in patients are known as clinical trials. During a course of treatment for lung cancer, the doctor may suggest that a patient take part in a clinical trial of a new treatment. A clinical trial is only done when there is some reason to believe that the treatment being studied may be of value to the patient. Enrollment in any trial is completely up to you. Your doctors and nurses will explain the study to you in detail and will give you a form to read and sign indicating your desire to take part. Taking part in a study does not prevent you from getting other medical care you may need and you may leave the study at any time, for any reason. You may talk to your cancer care team about trials available to you.

Current Clinical Trials

Mesothelioma Research at Mayo Clinic

Tragically, mesothelioma continues to claim many new victims each year. This form of cancer is often diagnosed 20-50 years after initial asbestos exposure, and people have suffered exposure in locations that have only recently been identified – such as the taconite mines of northern Minnesota.

These factors and others make the continued efforts of innovative researchers to develop new, more effective treatments vitally important. The Mayo Clinic recently published information on two such research projects – one focused on using a genetically engineered virus to attack cancer cells and the other involving administration of a pharmaceutical drug that has already received FDA approval for treating kidney cancer.

Mesothelioma Treatment Deploying a Measles Virus Is Entering Clinical Trials

Applying prior research by Dr. Stephen Russell, M.D., of Mayo Clinic and Robert Kratzke, M.D., of the University of Minnesota, Dr. Kratzke and Tobias Peikert, M.D., have planned a clinical trial set to include 12-36 mesothelioma patients. This trial will explore the effectiveness of using a converted virus called MVNIS – which has shown promise in animal subjects – to attack tumors in the chest cavity.

Information released by Mayo suggests that this treatment has potential for combined use with chemotherapy to provide a “one-two” punch for killing and/or slowing the spread of cancer cells.

Cancer Drug Pazopanib Has Shown Promise in Lab Studies and Trials

Mayo Clinic oncologist Julian Molina, M.D., Ph.D., is leading a potentially much larger clinical trial to study treatment of mesothelioma with a drug currently marketed by GlaxoSmithKline under the name Votrient. A previous, relatively small-scale clinical trial with human subjects was encouraging according to Dr. Molina, who has noted an increase in some patients’ survival by about six months.

Although Dr. Molina cautions against any hope that the drug cures pleural malignant mesothelioma, he is basing the study on the principle that taking this medication orally is a preferred treatment to chemotherapy and may alter the standard of care in positive ways.

Treating Mesothelioma

Other Resources - ClinicalTrials.gov - A service of the U.S. National Institutes of Health

ClinicalTrials.gov is a registry of federally and privately sponsored clinical trials that are currently being conducted in the United States and 173 other countries around the world. The site was developed by the U.S. National Institutes of Health in collaboration with all NIH Institutes and the FDA following the Food and Drug Administration Modernization Act of 1997. ClinicalTrials.gov provides clinical trial information for a wide range of diseases including mesothelioma. The types of data reported on the site include each trial's objective, whether or not participants are being recruited, progress updates, locations, contact information and more.



Treating Mesothelioma

Top Hospitals and Clinics for Cutting-Edge Treatment of Mesothelioma

The lawyers at The Ledger Law Firm have assisted victims of asbestos disease in cases throughout the United States. Apart from legal claims against those responsible for our clients' exposure to asbestos, our focus is getting clients the best medical care possible.

We know that a prompt and verified diagnosis of asbestos cancer is critical to fighting the disease. We also know that the choice of treatment regimens and how that care is managed can make a big difference in life expectancy and quality of life for our clients.

It has been our pleasure to work with the physicians and support personnel at the following medical facilities. We can recommend any of these providers and would be glad to provide additional insights to mesothelioma patients or their family members. We can also help locate a quality medical facility closer to you.

Leading U.S. Treatment Centers for Mesothelioma and Asbestos Disease

ARIZONA

Mayo Clinic
13400 East Shea Boulevard
Scottsdale, AZ 85259
General Number: 480-301-8000
Appointment Office: 800-446-2279 (toll free)
Insurance and Billing Department: 800-603-0558 (toll free)
<http://www.mayoclinic.org/arizona/>

MAYO CLINIC

5777 East Mayo Boulevard
Phoenix, AZ 85054
General Number: 480-515-6296
Appointment Office: 800-446-2279 (toll free)
Insurance and Billing Department: 800-603-0558 (toll free)
<http://www.mayoclinic.org/mchospital-sct/>

FLORIDA

Mayo Clinic
4500 San Pablo Road
Jacksonville, FL 32224
General Number: 904-953-2000
Appointment Office: 904-953-0853
Insurance and Billing Department: 904-953-7058
<http://www.mayoclinic.org/jacksonville/>

MINNESOTA

Mayo Clinic
200 First Street SW.
Rochester, MN 55905
General Number: 507-284-2511
Appointment Office: 507-538-3270
Insurance and Billing Department: 507-266-5670
<http://www.mayoclinic.org/rochester/>

Rochester Methodist Hospital

201 West Center Street
Rochester, MN 55902
General Number: 507-266-7890
<http://www.mayoclinic.org/methodisthospital>
Saint Mary's Hospital
1216 Second Street SW.
Rochester, MN 55902
General Number: 507-255-5123
<http://www.mayoclinic.org/saintmaryshospital>

MASSACHUSETTS

David Sugarbaker, M.D.
Dana-Farber Cancer Institute
75 Francis Street
Boston, MA 02115
General Number: 617-732-6824
<http://www.dana-farber.org>

TEXAS

University of Texas MD Anderson Cancer Center
1515 Holcombe Blvd.
Houston, TX 77030
General Number: 713-792-2121
Ask MD Anderson: 877-632-6789
<http://www.mdanderson.org>

Treating Mesothelioma

Listing of Some of the Top Mesothelioma Specialists

ARIZONA

Dr. Jonathan Daniel

University of Arizona Cancer Center
North Campus
3838 N. Campbell Ave.
Tucson, AZ 85719
(520) 626-6339

Dr. Linda L. Garland

University of Arizona Cancer Center
North Campus
3838 N. Campbell Ave.
Tucson, AZ 85719
(520) 626-3434

CALIFORNIA

Dr. Robert B. Cameron

University of California Los Angeles
Medical Center
10780 Santa Monica Boulevard, Suite 100
Los Angeles, CA 90024
(310) 267-4612

Dr. Mark R. Cullen

Stanford School of Medicine
1265 Welch Rd
Stanford, CA 94305
(650) 721-6296

Dr. David M. Jablons

UCSF Medical Center at Mount Zion
Helen Diller Family Comprehensive
Cancer Center
1600 Divisadero Street, Fourth Floor
San Francisco, CA 94143
(415) 885-3882

Dr. Thierry Marie Jahan

UCSF Medical Center at Mount Zion
Helen Diller Family Comprehensive
Cancer Center
1600 Divisadero St., Fourth Floor
San Francisco, CA 94143
(415) 885-3882

Dr. Mark W. Lischner

Pulmonary Medicine Associates
5 Medical Plaza Drive, Suite 190
Roseville, CA 95661
(916) 786-7498

COLORADO

Dr. Paul A. Bunn

University of Colorado Cancer Center
13001 E. 17th Place
Aurora, CO 80045
(303) 724-4499

CONNECTICUT

Dr. Frank C. Detterbeck

Smilow Cancer Hospital at
Yale-New Haven
333 Cedar Street, WWW 205
New Haven, CT 06520
(203) 200-5864

Dr. Jack A. Elias

Smilow Cancer Hospital at
Yale-New Haven
Yale Internal Medicine
20 York Street
New Haven, CT 06510
(203) 785-4119

Dr. Michael R. Grey

The Hospital of Central Connecticut
100 Grand Street
New Britain, CT 06050
(860) 224-5661

Dr. Michael Kashgarian

Yale Cancer Center
310 Cedar Street, LH B20
New Haven, CT 06520
(203) 785-2750

Dr. Carrie Redlich

Yale School of Medicine
135 College Street, 3rd floor
New Haven, CT 06510
(203) 737-2817

FLORIDA

Dr. Lary Robinson

H. Lee Moffitt Cancer Center &
Research Institute
12902 Magnolia Drive
Tampa, FL 33612
(813) 745-8412

GEORGIA

Dr. Daniel L. Miller

Winship Cancer Institute of
Emory University
1365 Clifton Road NE
Atlanta, GA 30322
(404) 778-3755

ILLINOIS

Dr. Philip D. Bonomi

Rush University Cancer Center
Section of Medical Oncology
1725 W. Harrison Street, Suite 1010
Chicago, IL 60612
(312) 942-5904

Dr. Hedy Lee Kindler

The University of Chicago Medicine
Center for Advanced Medicine
5758 S. Maryland Avenue
Chicago, IL 60637
(855) 702-8222

Dr. Michael J. Liptay

Rush University Cancer Center
Rush Professional Office Building
1725 W. Harrison Street, Suite 774
Chicago, IL 60612
(312) 738-3732

Dr. Wickii Thambiah Vigneswaran

The University of Chicago Medicine
Center for Advanced Medicine
5758 S. Maryland Avenue
Chicago, IL 60637
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INDIANA

Dr. Laurence Bates

St. Francis Cancer Center
Indiana Oncology Hematology
Consultants
8111 S. Emerson Avenue, Suite A
Indianapolis, IN 46237
(317) 859-5252

Dr. Anita Conte

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Treating Mesothelioma

Listing of Some of the Top Mesothelioma Specialists

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(317) 859-5252

Dr. Randall Trowbridge

St. Francis Cancer Center
Indiana Oncology Hematology
Consultants
8111 S. Emerson Avenue, Suite A
Indianapolis, IN 46237
(317) 859-5252

KENTUCKY

Dr. Timothy W. Mullett

University of Kentucky
College of Medicine
138 Leader Avenue
Lexington, KY 40506
(859) 323-6494

Dr. Edward R. Setser

UK North Fork Valley Community
Health Center
750 Morton Blvd.
Hazard, KY 41701
(606) 439-1559

MARYLAND

Dr. Stephen C. Yang

Sidney Kimmel Comprehensive Cancer
Center at Johns Hopkins
600 N. Wolfe Street Blalock 240
Baltimore, MD 21287
(410) 614-3891

MASSACHUSETTS

Dr. Raphael Bueno

Brigham and Women's Hospital
75 Francis Street
Boston, MA 02115
(617) 732-6824

Dr. Michael Y. Chang

Brigham and Women's Hospital
75 Francis Street
Boston, MA 02115
(617) 732-2853

Dr. Pasi A. Janne

Dana-Farber Cancer Institute
450 Brookline Avenue
Boston, MA 02215
(617) 632-6875

Dr. Richard L. Kradin

Massachusetts General Hospital
Cancer Center
Pathology Associates
55 Fruit Street, WRN 2
Boston, MA 02114
(617) 726-2967

Dr. David Sugarbaker

Brigham and Women's Hospital
75 Francis Street
Boston, MA 02115
(617) 732-6824

Dr. Scott Swanson

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75 Francis Street
Boston, MA 02115
(617) 732-6824

MICHIGAN

Dr. Shirish M. Gadgeel

Barbara Ann Karmanos
Cancer Institute
4100 John R Street
Detroit, MI 48201
(313) 576-8753

Dr. Michael Harbut

Barbara Ann Karmanos
Cancer Institute
4100 John R Street
Detroit, MI 48201
(800) 527-6266

NEW HAMPSHIRE

Dr. Cherie P. Erkmén

Norris Cotton Cancer Center
Dartmouth-Hitchcock Medical Center
One Medical Center Drive
Lebanon, NH 03756
(603) 650-8537

NEW JERSEY

Dr. Bruce G. Haffty

The Cancer Institute of New Jersey
195 Little Albany Street
New Brunswick, NJ 08903
(732) 235-3939

NEW MEXICO

Dr. Claire Verschraegen

University of New Mexico
Cancer Center
900 Camino De Salud NE
Albuquerque, NM 87131
(505) 272-6760

NEW YORK

Dr. John D. Allendorf

New York-Presbyterian Columbia
University Medical Center
Herbert Irving Pavilion, Suite 820
161 Fort Washington Avenue
New York, NY 10032
(212) 305-6514

Dr. Shahriyour Andaz

South Nassau Communities
Hospital on Long Island
One Healthy Way
Oceanside, NY 11572
(516) 255-5010

Dr. Manjit Bains

Memorial Sloan-Kettering
Cancer Center
1275 York Avenue
New York, NY 10021
(212) 639-7450

Dr. John A. Chabot

NY-Presbyterian Columbia
University Medical Center
161 Ft. Washington Avenue Suite AP-
819 New York, NY 10032
(212) 305-9468

Dr. Raja M. Flores

Mount Sinai Medical Center
One Gustave L. Levy Place
New York, NY 10029
(212) 241-9466

Dr. David H. Ilson

Memorial Sloan-Kettering
Cancer Center
1275 York Avenue
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Dr. Stephen M. Levin

Mount Sinai School of Medicine
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Treating Mesothelioma

Listing of Some of the Top Mesothelioma Specialists

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MSKCC Sleepy Hollow
777 North Broadway
Sleepy Hollow, NY 10591
(212) 639-6823

Dr. Garret M. Nash

Memorial Sloan-Kettering
Cancer Center
1275 York Avenue
New York, NY 10065
(646) 497-9065

Dr. Harvey Pass

NYU Langone Medical Center
530 First Avenue
New York, NY 10016
(212) 731-5414

Dr. Roman Perez-Soler

Montefiore Medical Center
MMC Medical Park at Eastchester
1695 Eastchester Road
Bronx, NY 10461
(718) 405-8505

Dr. Valerie Rusch

Memorial Sloan-Kettering
Cancer Center
1275 York Avenue
New York, NY 10021
(212) 639-5873

Dr. Stephen Rush

NYU Langone Medical Center
Long Island Radiation Therapy
1129 Northern Boulevard
Manhasset, NY 11030
(516) 365-6544

Dr. Robert N. Taub

NY-Presbyterian Columbia University
Medical Center
Herbert Irving Pavilion, 9-907
161 Fort Washington Avenue
New York, NY 10032
(212) 305-4076

NORTH CAROLINA

Dr. David H. Harpole, Jr.

Duke Cancer Institute
2424 Erwin Road, Suite 403
Durham, NC 27705
(919) 668-7157

OKLAHOMA

Dr. Daniel Nader

CTCA Southwestern Regional
Medical Center
10109 E. 79th Street
(81st Street & Highway 169)
Tulsa, OK 74133
(918) 286-5000

PENNSYLVANIA

Dr. Steven M. Albelda

University of Pennsylvania
Cancer Center,
Penn Lung Center
3615 Civic Center Boulevard
Philadelphia, PA 19104
(215) 573-9933

Dr. David Bartlett

Mesothelioma Specialty Care Center of
UPMC Cancer Centers
5115 Centre Avenue
Pittsburgh, PA 15232
(412) 692-2852

Dr. Neil A. Christie

Mesothelioma Specialty Care Center of
UPMC Cancer Centers
5200 Centre Avenue, Suite 715
Pittsburgh, PA 15232
(412) 623-2025

Dr. Joel D. Cooper

University of Pennsylvania Abramson
Cancer Center
Hospital of the University of
Pennsylvania
3400 Civic Center Boulevard
Philadelphia, PA 19104
(215) 662-2022

Dr. Joseph S. Friedberg

Penn Presbyterian Medical Center
Wright-Saunders Building, Suite 266
51 North 39th Street
Philadelphia, PA 19104
(215) 662-9195

Dr. Larry R. Kaiser

Temple University Hospital Cancer
Center
Department of Cardiothoracic Surgery
3401 N. Broad Street
Philadelphia, PA 19140
(215) 707-7000

Dr. Rodney J. Landreneau

Mesothelioma Specialty Care Center of
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5200 Centre Avenue, Suite 715
Pittsburgh, PA 15237
(412) 623-2030

Dr. James D. Luketich

Mesothelioma Specialty Care Center of
UPMC Cancer Centers
200 Lothrop Street, Suite C-800
Pittsburgh, PA 15213
(412) 647-7555

Dr. James Pingpank

Mesothelioma Specialty Care Center of
UPMC Cancer Centers
Hillman Cancer Center
5115 Centre Avenue
Pittsburgh, PA 15232
(412) 692-2852

Dr. Daniel Sterman

University of Pennsylvania
Cancer Center,
Penn Lung Center
3400 Spruce Street
Philadelphia, PA 19104
(215) 614-0984

RHODE ISLAND

Dr. David Ettensohn

Hassan Ettensohn
Medical Specialists, Ltd.
73 Beechwood Avenue
Pawtucket, RI 02860
(401) 724-4040

Dr. John Pella

Our Lady of Fatima Hospital
1150 Reservoir Avenue, Suite 305
Cranston, RI 02920
(401) 946-4999

Treating Mesothelioma

Listing of Some of the Top Mesothelioma Specialists

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of Rhode Island
1220 Pontiac Avenue
Cranston, RI 02920
(401) 943-4660

Dr. Anthony Testa

Our Lady of Fatima Hospital
Atwood Medical Center
1524 Atwood Avenue Suite 340
Johnston, RI 02919
(401) 273-0220

TENNESSEE

Dr. Spence McCachren

Thompson Oncology Group
1915 White Ave
Knoxville, TN 37916
(865) 541-1720

TEXAS

Dr. Kemp Kernstine

Harold C. Simmons Comprehensive
Cancer Care Center
UT Southwestern Medical Center
5323 Harry Hines Boulevard
Dallas, TX 75390
(214) 645-7700

Dr. Cesar A. Moran

The University of Texas MD Anderson
Cancer Center
1515 Holcombe Boulevard, Unit 0085
Houston, TX 77030
(713) 792-6127

Dr. David Rice

University of Texas M.D. Anderson
Cancer Center
1515 Holcombe Boulevard, Unit 1489
Houston, TX 77030
(713) 745-4530

Dr. Joan H. Schiller

UT Southwestern Harold C. Simmons
Comprehensive Cancer Center
2201 Inwood Rd., Suite 106
Dallas, TX 75390
(214) 645-4673

Dr. W. Roy Smythe

Scott & White Healthcare
2401 South 31st Street
Temple, TX 76508
(254) 724-2150

Dr. Anne Tsao

University of Texas M.D. Anderson
Cancer Center
1515 Holcombe Boulevard Unit 0432
Houston, TX 77030
(713) 792-6161

UTAH

Dr. Amit N. Patel

Huntsman Cancer Institute -
University of Utah
2000 Circle of Hope
Salt Lake City, UT 84112
(801) 585-0303

WASHINGTON

Dr. Alexander Farivar

Swedish Cancer Institute at
Swedish Medical Center
Swedish Thoracic Surgery / First Hill
1101 Madison Street, Suite 850
Seattle, WA 98104
(206) 215-6800

Dr. Michael S. Mulligan

University of Washington
Medical Center
UWMC Thoracic Surgery Clinic
1959 NE Pacific Street
Seattle, WA 98195
(206) 598-4477

Dr. Eric Vallieres

Swedish Cancer Institute at
Swedish Medical Center
Swedish Cancer Institute-Surgical
Practices
1101 Madison Street, Suite 850
Seattle, WA 98104
(206) 215-6800

WASHINGTON, D.C.

Dr. Arthur N. Mcunu, Jr.

Howard University Hospital
2041 Georgia Avenue
Washington, DC 20060
(202) 865-6100

Dr. Paul H. Sugarbaker

Washington Cancer Institute
106 Irving Street NW, Suite 3900
Washington, DC 20010
(202) 877-3908
West Virginia

Dr. Nepal C. Chowdhury

St. Mary's Medical Center
St. Mary's Cardiovascular and
Thoracic Surgeons
2828 First Avenue, Suite 200
Huntington, WV 25702
(304) 399-7530

Dr. Rebecca S. Wolfer

Marshall University Medical Center
University Surgical Associates
1600 Medical Center Drive, Suite 2500
Huntington, WV 25701
(304) 691-1200

WISCONSIN

Dr. H. Ian Robins

University of Wisconsin School of
Medicine and Public Health
Department of Medicine
600 Highland Avenue
Madison, WI 53792
(608) 263-8090

INTERNATIONAL

Dr. Robert Winter

Papworth Hospital
Papworth Everard
Cambridge
CB23 3RE
01480 830 541



THE LEDGER LAW FIRM
MESOTHELIOMA ATTORNEYS

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Assisting Asbestos Victims Nationwide

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