Asbestos Litigation Gone Mad: Exposure-Based Recovery for Increased Risk, Mental Distress, and Medical Monitoring

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ASBESTOS LITIGATION GONE MAD: EXPOSURE-BASED RECOVERY FOR INCREASED RISK, MENTAL DISTRESS, AND MEDICAL MONITORING

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I. INTRODUCTION

The asbestos litigation in its many forms has been, by all accounts, a blight on the American judicial system. Few observers believe that our tort system was
designed to deal with a national tragedy engendered by a product that has caused and will cause serious harm to thousands of Americans over a period of at least seven decades. What is most disturbing is that some aspects of the legal problems associated with asbestos have been exacerbated needlessly. Giving in to enormous pressure, some courts have recognized theories of recovery that are both substantively unfair and certain to favor claimants whose suffering is minor over claimants who will suffer serious harm in the future. Most courts have rid themselves of such myopia, but bad law tends to hang on. It is high time that the courts cleansed themselves entirely of illegitimate doctrine.

Asbestos litigation’s final descent into madness has come in the form of judicial recognition of anticipatory claims on behalf of persons who have not yet suffered injury. Departing from long-standing tradition in tort law, courts have sought to provide immediate compensation to plaintiffs who are asymptomatic and in good health for consequences that they may suffer in the future as a result of either exposure to asbestos or the development of asymptomatic biological changes in their lungs. Plaintiffs have devised three stratagems for receiving “pay me now” compensation. First, they argue that those exposed to asbestos should be entitled to immediate recovery based on the fact that, upon exposure, plaintiffs are at increased risk of contracting asbestosis, mesothelioma, or lung cancer. These claims seek recovery for the value of physical harms based on the possibility that plaintiffs may by an avalanche of cases.

2. For a detailed description of the various manifestations resulting from exposure to asbestos see Schuck, supra note 1, at 544-549. The range of consequences arising from exposure to asbestos vary significantly and include: (1) Asbestos Fibres in Lung. Any exposure to asbestos may result in asbestos fibers lodging in the lung. The mere lodging of such fibers in the lung is asymptomatic and need not result in pulmonary harm. (2) Pleural plaque or pleural thickening. Subsequent to asbestos exposure, calcified tissue may form on the pleura, the membranes surrounding the lung. Most often those experiencing pleural plaque and thickening are asymptomatic. They can lead active, normal lives free of any pain and suffering. (3) Asbestosis. When inhaled, asbestos fibers may begin a scarring process that destroys air sacs in the lung where oxygen is transferred into the blood. This disease is non-malignant, but nevertheless, may result in decreased pulmonary function. Asbestosis sufferers may encounter shortness of breath, a dry cough, weight loss, and chest pain. (4) Mesothelioma. The most serious of the diseases that may follow asbestos exposure is a malignant tumor in the membranes lining the lungs, abdomen, and chest. Mesothelioma is an incurable form of cancer resulting in the victim’s death within seven to fifteen months after its onset. Mesothelioma is almost always caused by asbestos. (5) Lung Cancer. General lung cancer can be caused by asbestos but may be unrelated to asbestos. There may also be a symbiotic relationship between asbestos and smoking in causing lung cancer. Id.


5. Id. at 511.


7. For cases in which plaintiffs sought immediate compensation for increased risk of developing cancer in the future, see, for example, Burns v. Jaquays Mining Corp., 752 P.2d 28, 30 (Ariz. Ct. App. 1987); Eagle-Picher Indus., Inc. v. Cox, 481 So. 2d 517, 523-26 (Fla. Dist. Ct. App. 1983); Capital Holding Corp. v. Bailey, 873 S.W.2d 187, 189 (Ky. 1994).
develop these diseases in the future. Second, plaintiffs claim that quite apart from any physical consequences that they may actually suffer in the future, they are entitled to damages for the present fear that they experience concerning their future well-being. These claims are premised on the tort of negligent infliction of emotional distress and seek to draw on that theory for recovery. Third, claimants contend that those exposed to asbestos are ipso facto entitled to medical surveillance to determine whether they are experiencing changes in their health that might be related to the development of some asbestos-related disease over the course of time.

All of these theories are superficially plausible, if not downright appealing. However, any attempt to embrace them within the mainstream of traditional tort law is manifestly unwise. In truth, they constitute radical departures from longstanding norms of tort law, advanced in recent years to bludgeon a disfavored group of defendants. But the wrongdoing of a defendant, or defendants, does not justify creating legal doctrine that is substantively unfair, especially when doing so strikes mercilessly at another group of plaintiffs who, when the funds to pay damages run dry, will be denied recovery for real, rather than anticipated, ills.

This Article chronicles the development of these “front-loaded” theories of tort recovery and how the courts have dealt with them. We argue that these theories are wrong not only for asbestos claims, but also for all forms of toxic tort litigation. We are aware that some of the positions we take in this Article will be unpopular. However, we draw strength from the fact that we are writing in a Symposium dedicated to the memory of our late friend and colleague, Gary Schwartz. To the best of our knowledge, Gary never addressed the subject under discussion. But those who knew him and followed his work must know that Gary was prepared to take on an unpopular cause when he believed that he was defending the integrity of tort law. His brilliant article attacking the hysteria surrounding the Ford Pinto

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8. For cases in which plaintiffs exposed to asbestos or who developed asymptomatic pleural thickening have made claims for mental distress based on their fear of developing cancer in the future, see, for example, Metro-North Commuter R.R. Co. v. Buckley, 521 U.S. 424, 427 (1997); In re Asbestos Litig. Leary Trial, Nos. 87C-09-24, 90C-09-79, 88C-09-78, 1994 WL 721763 at *3-5 (Del. Super. Ct. June 14, 1994); Simmons v. Pacor, Inc., 674 A.2d 232, 233 (Pa. 1996); Temple-Inland Forest Prod. Corp. v. Carter, 993 S.W.2d 88, 89 (Tex. 1999).

9. For cases in which asbestos claimants have sought medical monitoring, see, for example, Burns, 752 P.2d at 30; Simmons, 674 A.2d at 239.
litigation comes to mind as one example. And his unrelenting opposition to the unprincipled consumer expectations test as the standard for defining defective design in products liability is another. We hope that our work here continues in that tradition.

II. PREINJURY CLAIMS IN A NUTSHELL

A. Asbestos Exposure and the Single-Action Rule

In most tort cases, the law provides a plaintiff one indivisible cause of action for all damages arising from a defendant's breach of duty. This hoary rule against splitting a cause of action is designed to prevent vexatious and repetitive litigation of a single underlying claim when plaintiff's injuries eventually result in damages that are more serious than originally contemplated. Classic damages rules allow a plaintiff who has suffered physical injury to recover damages for future injuries only if it can be established with reasonable medical probability that such injuries will actually develop. It is well understood that, in any individual case, the likelihood that a plaintiff may be either undercompensated or overcompensated is real. Many plaintiffs who subsequently suffer additional injury are not able at the time of trial to prove with reasonable medical probability (more probably than not)
that such future injuries will develop. Conversely, medical predictions of future injury may never eventuate. However, the specter of repetitive litigation and the lack of finality to litigation present unacceptable costs to the legal system. Thus, the single-action rule is deeply embedded in the jurisprudence of this country.

With the onset of the asbestos litigation in the 1960s, the need to re-examine the single-action rule became manifest. The problem was basic. The statute of limitations for most tort actions begins to run when the plaintiff discovers his injury. If pleural plaque or asbestosis constitutes physical injury sufficient to trigger the running of the statute of limitations for all future asbestos-related harms, plaintiffs are placed in a no-win situation. Asbestosis, lung cancer, and mesothelioma all have long latency periods. If a plaintiff who has developed pleural plaque waits to file suit until he develops either asbestosis or mesothelioma, or if a plaintiff who has contracted asbestosis waits to file suit until he develops mesothelioma, his cause of action will be long-ago barred by the typical tort statute of limitations. On the other hand, if a plaintiff files suit immediately upon the discovery of some asbestos-related change in his body, such as pleural thickening or asbestosis, and in this initial action seeks to recover for the possibility that he will develop an asbestos-related malignancy, he will be unable to recover for such future losses. As noted earlier, recovery in an initial action for future injury is allowed only if the plaintiff can prove through competent expert testimony a substantial (more probable than not) medical probability of developing such a malignant disease in the future. Neither those diagnosed with pleural plaque or pleural thickening, nor even those who develop asbestosis, can establish that it is more probable than not that they will ultimately manifest some form of asbestos-related malignancy.

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17. See DAN B. DOBBS, THE LAW OF TORTS § 218 (2000) (explaining the discovery rule); see also Louisville Trust Co. v. Johns-Manville Prods. Co., 580 S.W.2d 497, 500 (Ky. 1979) ("[W]hen an injury does not manifest itself immediately the cause of action should accrue not when the injury was initially inflicted, but when the plaintiff knew or should have known that he had been injured by the conduct of the tortfeasor."). Clearly when x-rays show pleural plaque or thickening, or a physician makes a diagnosis of asbestosis, the statute would begin to run and bar a later claim for mesothelioma or lung cancer unless these diseases are recognized as separate injuries that constitute different causes of action.

18. See Hamilton v. Asbestos Corp., 998 P.2d 403, 405-08 (Cal. 2000) (noting that the average latency period of asbestosis is twenty years, the average latency period of mesothelioma is thirty to forty years, and that plaintiff had been diagnosed with peritoneal mesothelioma more than thirty years after his last exposure to asbestos).

19. See Pustejovsky v. Rapid-Am. Corp., 35 S.W.3d 643, 648 (Tex. 2000) ("[T]he single action rule is a catch 22 for victims of multiple latent diseases [because] "[a] plaintiff who sues for asbestosis is precluded from any recovery for a later-developing lethal mesothelioma. But the discovery rule would preclude a plaintiff with asbestosis from waiting to see if an asbestosis-related cancer later develops . . . ."").

20. See id. at 649 (citing Ins. Co. of N. Am. v. Myers, 411 S.W.2d 710, 713-14 (Tex. 1966)).

21. See id. (stating that since only fifteen percent of asbestosis victims actually develop mesothelioma, no asbestosis plaintiff can satisfy the "reasonable medical probability" requirement). The likelihood that those who have developed pleural thickening will develop mesothelioma or some other form of cancer is even more remote. See infra text accompanying note 107.
Given the harshness of the single-action rule, something had to give. Ultimately, the overwhelming majority of courts abandoned the single-action rule and now allow separate causes of action later, when a plaintiff actually develops asbestosis, lung cancer, or mesothelioma. However, to assist exposed plaintiffs in the interim, before the legal enlightenment finally arrived, some courts developed stopgap causes of action to allow asbestos plaintiffs to escape the single-action rule dilemma. Thus, some courts took the position that recovery for increased risk could be predicated on proof of less than reasonable medical probability that the plaintiff would actually develop cancer. At the same time, a number of courts recognized

22. See Wilson v. Johns-Manville Sales Corp., 684 F.2d 111, 120-21 (D.C. Cir. 1982) (holding that diagnosis of asbestosis did not trigger the running of the statute of limitations on other injuries caused by the same exposure to asbestos); Hamilton, 998 P.2d at 113-14 (holding that under California statute, the single action rule no longer applied to asbestos plaintiffs); Wagner v. Apex Marine Ship Mgmt. Corp., 100 Cal. Rptr. 2d 533, 539 (Ct. App. 2000) (holding that a plaintiff's discovery of one asbestos-related disease does not trigger the running of the statute of limitations on all separate and distinct asbestos-related diseases caused by the same exposure to asbestos); Miller v. Armstrong World Indus., Inc., 817 P.2d 111, 112 (Colo. 1991) (en banc) (holding that the statute of limitations on a claim for damages from malignant asbestosis did not begin to run upon plaintiff's earlier knowledge of existence of benign pleural thickening and pleural calcification); Sheppard v. A.C. & S. Co., 498 A.2d 1126, 1134 (Del. Super. Ct. 1985) (adopting Wilson v. Johns-Manville Sales Corp., 684 F.2d 111 (D.C. Cir. 1982)) aff'd sub nom. Keene Corp. v. Sheppard, 503 A.2d 192 (Del. 1986); Eagle-Picher Indus., Inc. v. Cox, 481 So. 2d 517, 519-23 (Fla. Dist. Ct. App. 1985) ("[P]laintiff may bring a second action for damages if and when he actually contracts cancer."); VaSalle v. Celotex Corp., 515 N.E.2d 684, 687 (Ill. App. Ct. 1987) (holding that asbestosis was a legal injury separate and distinct from lung cancer and action for damages resulting from lung cancer thus accrued when insulator discovered he had lung cancer, not when he learned he was suffering from asbestosis); Parks v. A.P. Green Indus., Inc., 754 N.E.2d 1052, 1058 (Ind. Ct. App. 2001) (holding that plaintiff's suit for asbestosis did not trigger the statute of limitations for lung cancer since they are separate diseases); Wilber v. Owens-Corning Fiberglas Corp., 476 N.W.2d 74, 78 (Iowa 1991) ("The manifestation of asbestosis does not trigger the running of the statute of limitations on all separate, distinct, and later-manifested diseases which may have stemmed from the same asbestos exposure."); Carroll v. Owens-Corning Fiberglas Corp., 37 S.W.3d 699, 703 (Ky. 2000) (holding that although Kentucky has never been a "two disease" state, an action for cancer will accrue on the date of the diagnosis of cancer and not the date of diagnosis of asbestosis since they are separate and distinct diseases); Pierce v. Johns-Manville Sales Corp., 464 A.2d 1020, 1028 (Md. 1983) (holding that plaintiff's claim for lung cancer was not time barred despite a prior diagnosis of asbestosis); Larson v. Johns-Manville Sales Corp., 399 N.W.2d 1, 9 (Mich. 1986) (holding that actions for cancer and mesothelioma were not time barred by a previous asbestosis diagnosis); Fuso in Porter-Hayden Co., 548 N.Y.S.2d 836, 860 (N.Y. Sup. 1989) (holding that a claim for mesothelioma was not time barred by an earlier asbestosis diagnosis); Marinari v. Asbestos Corp., 612 A.2d 1021, 1028 (Pa. Super. Ct. 1992) (articulating the "two-disease rule" later adopted by the Pennsylvania Supreme Court in Simmons v. Pacor, Inc., 674 A.2d 232, 237 (Pa. 1996)); Potts v. Celotex Corp., 796 S.W.2d 678, 685 (Tenn. 1990) (holding that an earlier diagnosis of asbestosis did not bar plaintiff's suit for mesothelioma); Fustejovsky, 55 S.W.3d at 653 (holding that the single-action rule did not apply to asbestos litigation); Sopha v. Owens-Corning Fiberglas Corp., 601 N.W.2d 627, 642 (Wis. 1999) ("The diagnosis of a malignant asbestos-related condition creates a new cause of action and the statute of limitations governing the malignant asbestos-related condition begins when the claimant discovers, or with reasonable diligence should discover, the malignant asbestos-related condition.").

a cause of action on behalf of asymptomatic plaintiffs for mental distress arising from the fear that they would develop cancer in the future.\textsuperscript{24} Unlike the increased-risk claim in which damages are based directly on the risk of developing cancer in the future, the mental distress claim avoids dealing with the reasonable medical probability standard, since the cause of action is based on a plaintiff’s currently existing fear of future injury.

\textbf{B. The Post Single-Action Era: Bringing Actions Sequentially}

As noted earlier, most American jurisdictions have done away with the single-action rule in asbestos litigation.\textsuperscript{25} Plaintiffs who are diagnosed with asymptomatic pleural plaque, pleural thickening, or asbestosis need not rush to the courthouse to file actions for fear that they will be barred by the statute of limitations from doing so later if they develop asbestosis or asbestos-related malignancies. In most states, the successful prosecution of one action will not bar plaintiffs from bringing a later action if they develop a more serious asbestos-related disease.\textsuperscript{26} Thus, a plaintiff who has contracted asbestosis can sue immediately to recover damages for the ills associated with that disease. If ten or fifteen years later he contracts mesothelioma, he may bring a new action for damages caused by that virulent form of cancer. The question for the courts, now that plaintiffs enjoy the benefit of waiting until they have a fully developed disease to bring suit, is whether the law should mandate that plaintiffs exposed to asbestos must wait until the onset of these diseases to seek recovery, or whether plaintiffs can pursue pre-injury claims for increased risk, mental distress, or medical monitoring based on the possibility that they may develop cancer in the future.

\textbf{III. When Plaintiffs’ Preinjury Claims Are Not Even Superficially Plausible: Recovery for Increased Risk}

Courts that have abolished the single-action rule have flatly rejected claims based on increased risk.\textsuperscript{27} They have done so with regard to both plaintiffs who contracting cancer).

\textsuperscript{24} See, e.g., Herber v. Johnson-Manville Corp., 785 F.2d 79, 85 (3d Cir. 1986); Dartez v. Fibreboard Corp., 765 F.2d 456, 467-68 (5th Cir. 1985).

\textsuperscript{25} See cases cited \textit{supra} note 22. It remains a mystery to the authors why some asbestos defendants continue to defend asbestosis and mesothelioma claims on the ground that plaintiff is precluded from raising these claims when they develop based on the single-action rule. \textit{See}, e.g., Carroll, 37 S.W.3d at 700. The single-action rule forced plaintiffs to seek front-loaded damages for increased risk of cancer or for mental distress based on the fear of developing cancer. \textit{See} Pustejovsky, 35 S.W.3d at 649. Only with the recognition that the single-action rule does not apply to asbestosis claims have the courts been able to delay claims for the more serious asbestos-related diseases until they actually come to fruition.

\textsuperscript{26} See, e.g., Eagle-Picher, 481 S.W.2d at 519-523.

\textsuperscript{27} See \textit{id.} at 520; \textit{see also In re Haw. Fed. Asbestos Cases}, 734 F. Supp. 1563, 1567 & n.8 (D. Haw. 1990); Mauro v. Raymark Indus., Inc., 561 A.2d 257, 264-265 (N.J. 1989) (providing exhaustive listing of cases addressing increased risk claims); Simmons, 674 A.2d at 237.
have asymptomatic pleural plaque or thickening and plaintiffs who have actually contracted asbestosis. Having preserved the right for plaintiffs to bring actions if and when they actually develop asbestosis or some form of asbestos-related malignancy, these courts see no reason to allow speculation about future injuries. It might be interesting to consider whether a court would bar recovery for increased risk if faced with a plaintiff manifesting pleural thickening or asbestosis who could offer credible testimony that he faces a substantial medical probability of developing a malignancy. Few such cases are likely to arise because plaintiffs exposed to asbestos who develop pleural plaque or asbestosis rarely present such a strong probability of contracting a malignancy. However, even if such testimony were available, it is our view that courts would not, and should not, allow recovery. The reported decisions reflect no judicial tolerance for guessing at future results. Claims for increased risk have no place in the post single-action era.

IV. WHERE PLAINTIFFS' PREINJURY CLAIMS ARE SUPERFICIALLY PLAUSIBLE, BUT TRADITION DENIES RECOVERY: RECOVERY FOR MENTAL DISTRESS

By all accounts, the overwhelming majority of claims filed in recent years have been on behalf of plaintiffs who have been exposed to asbestos but who, with rare exceptions, are completely asymptomatic. Because they cannot claim damages for present injury (they have none) or for future injury (increased risk claims are barred), these plaintiffs present claims for mental distress predicated on their present

28. See infra notes 84-90 and accompanying text. In two cases, plaintiffs with asbestosis offered evidence that there was a greater than fifty percent probability that they would develop cancer. See Jackson v. Johns-Manville Sales Corp., 781 F.2d 394, 413 (5th Cir. 1986); Gideon v. Johns-Manville Sales Corp. 761 F.2d 1129, 1138 (5th Cir. 1985).

29. See JENNIFER L. BIGGS ET AL., OVERVIEW OF ASBESTOS ISSUES AND TRENDS 3 (Dec. 2001), available at http://www.actuary.org/pdf/casualty/mono_dec01asbestos.pdf (estimating that more than ninety percent of current claimants are alleging nonmalignant injuries); Queena Sook Kim, G-I Holdings' Bankruptcy Filing Cites Exposure in Asbestos Cases, WALL ST. J., Jan. 8, 2001, at B12 (reporting that "as many as 80% of [GAF's] asbestos settlements are paid to unimpaired people"); Asbestos Litigation Crisis in Federal and State Courts: Hearings Before the Subcommittee on Intellectual Property and Judicial Administration of the Comm. on the Judiciary House of Representatives, 102d Cong. 1st & 2d Sess. 81, 100 (Oct. 24, 1991) (testimony of Professor Lester Brickman). Professor Brickman testified:

[P]leural plaque claims account for approximately 80% of new asbestos claim filings and represent a substantial percentage of previously filed claims. The existence of tens of thousands of such claims is accounted for by mass screenings of industrial workers financed by plaintiffs' lawyers and usually done with active assistance of local union officials. Often, mobile x-ray vans brought to plant sites are used for the screenings.

Id.; see also Schuck, supra note 1, at 564 ("Another probable reason for the large number of unimpaired claims relates to the practice of some labor unions and plaintiffs' lawyers who engage in aggressive claim-solicitation campaigns on a mass basis designed to multiply the number of filed cases, thereby increasing the pressure on defendants to settle cases wholesale.").
fear that they may develop a malignancy in the future.\textsuperscript{30} At first glance, asbestos plaintiffs who claim mental distress make a plausible argument for recovery. Those who have been exposed to asbestos, and certainly those whose lungs evidence some physiological changes such as pleural plaque or thickening, do have a small increased risk of developing cancer in the future.\textsuperscript{31} This reality, coupled with the widespread concern surrounding the asbestos problem, gives facial credence to plaintiffs' claims that they experience genuine fear that they may develop cancer in the future. Whether they will develop such a disease in the future or not, the mere possibility causes current mental distress. Thus, plaintiffs assert that this distress, caused by the negligence of the defendant, warrants current compensation.

\textit{A. Traditional Limitations on the Tort of Mental Distress}

Before examining the validity of these claims brought by asbestos plaintiffs and the special problems attendant to emotional distress claims arising from exposure to toxic substances, it is important to consider more generally the limitations that courts have traditionally placed on the tort of negligent infliction of emotional distress. In contrast to the tort of intentional infliction of emotional distress that swept the country after the adoption by the American Law Institute of the \textit{Restatement (Second) of Torts} § 46,\textsuperscript{32} the tort of negligent infliction of emotional distress has had a checkered history. To this very day, American courts have expressed the view that the "negligent infliction" tort must be substantially limited. Judges have expressed concern that allowing recovery for mental upset based on inadvertent conduct is an invitation to open-ended and uncontrollable litigation.\textsuperscript{33}

We note at the outset that compensating for mental distress in most tort cases based in negligence is noncontroversial. When a defendant negligently harms a plaintiff, and the plaintiff suffers pain and mental anguish as a result of his physical injuries, recovery for such parasitic mental distress damages has always been a staple of American tort law.\textsuperscript{34} However, a subject of controversy is whether a plaintiff should recover for mental distress that follows upon the heels of defendant's conduct that places the plaintiff in physical danger but does not actually cause harm. For many years courts required, at the very least, that defendant's negligent conduct result in physical impact upon the plaintiff.\textsuperscript{35} Once a physical


\textsuperscript{31} See infra notes 102-08 and accompanying text.

\textsuperscript{32} See \textit{RESTATEMENT (SECOND) OF TORTS} § 46 (1965). Section 46 has been widely adopted. See, e.g., Harris v. Jones, 380 A.2d 611, 613 n.1 (Md. Ct. App. 1977) (listing states that adopted § 46).

\textsuperscript{33} See \textit{W. PAGE KEETON ET AL., PROSSER & KEETON ON THE LAW OF TORTS} § 54, at 360 (5th ed. 1984); \textit{DOBBS, supra} note 17, § 308.

\textsuperscript{34} \textit{DOBBS, supra} note 17, § 302.

\textsuperscript{35} See, e.g., Brisboise v. Kans. City Pub. Serv. Co., 303 S.W.2d 619, 627 (Mo. 1957) (en banc) ("[W]here the defendant is not charged with knowledge that the person involved is other than normal, [his conduct] should not be made the basis of an action for abnormal damages having their foundation
impact was established, it was not necessary that the impact have caused physical harm. If the plaintiff suffered only emotional distress once impact was shown, recovery was allowed. Most courts have now rejected the impact requirement and allow recovery for mental distress when the defendant’s negligence has demonstrably threatened the plaintiff with imminent physical harm. Many jurisdictions still require that the mental distress result in some form of physical injury to the plaintiff to guarantee the genuineness of the claim. Others dispense with this requirement and allow for mental distress damages even if unaccompanied by physical injury. Finally, the courts have struggled with the problem of when to allow recovery when the defendant causes a plaintiff-bystander to suffer mental distress from witnessing injury to a third party. Courts disagree regarding the conditions imposed as a predicate for bystander recovery. In any event, while the question of how the courts have dealt with negligent infliction of mental distress arising from the direct threat of imminent physical injury to the plaintiff is of great importance to the discussion of the right to recovery for mental distress in toxic tort cases, the right of bystanders to recover for peril to others has no direct relevance. In the toxic tort context, no one has yet claimed that family members have a right to recover for witnessing the physical anguish of asbestos victims who are suffering from cancer. No American court would countenance such a claim.

in mental distress or fright alone.


37. See, e.g., Daley v. LaCroix, 179 N.W.2d 390, 395 (Mich. 1970) (“[W]here a definite and objective physical injury is produced as a result of emotional distress proximately caused by defendant’s negligent conduct, the plaintiff . . . may recover in damages . . . notwithstanding the absence of any physical impact upon plaintiff at the time of the mental shock.”); Battalla v. State, 176 N.E.2d 729, 730-32 (N.Y. 1961) (holding that emotional distress resulting from fear of falling out of an unsecured chair lift was recoverable even without the occurrence of physical impact).

38. Daley, 179 N.W.2d at 395; see also Rickey v. Chicago Transit Auth., 457 N.E.2d 1, 4-5 (Ill. 1983); Payton v. Abbott Labs, 437 N.E.2d 171, 175 (Mass. 1982); Reilly v. United States, 547 A.2d 894, 896 (R.I. 1988). For an extensive review of the authorities holding that emotional distress must bring about some type of physical manifestation or physical consequence before recovery is allowed see Jones v. CSX Transp., Nos. 01-14786, 01-14787, 2002 U.S. App. LEXIS 6692, at *17-25 (11th Cir. Apr. 11, 2002).


40. See DOBBS, supra note 17, § 309.

41. See, e.g., Thing v. La Chusa, 771 P.2d 814, 815-29 (Cal. 1989) (en banc) (allowing recovery to plaintiff who was not in the zone of danger); Bovsun v. Sanperi, 461 N.E.2d 843, 848 (N.Y. 1984) (limiting recovery in bystander cases to plaintiffs who are in the zone of danger).

42. Perhaps the most far-reaching case allowing recovery for witnessing the suffering of a relative is Ochoa v. Sup. Ct., 703 P.2d 1 (Cal. 1985). See infra note 47 and accompanying text. In that case, however, the court allowed recovery because the parents witnessed the negligent medical treatment of their child. Ochoa, 703 P.2d at 2-4. The court stated:

[A] distinction between distress caused by personal observation of the
In reviewing the development of the cause of action for negligent infliction of emotional distress, it is important to reflect on the kinds of fact patterns in which courts have allowed recovery. The cases are legion. In Daley v. La Croix, as a result of negligent driving, defendant’s car left the highway, traveled 63 feet in the air and 209 feet beyond the edge of the road. The car hit a high voltage utility pole, resulting in a great electrical explosion in the plaintiffs’ home. Plaintiffs suffered severe emotional distress with accompanying physical manifestations of injury.

The Michigan court abandoned the requirement that physical impact was a necessary predicate to a mental distress claim and allowed a claim based on the mental shock to the plaintiffs that resulted in physical harm. Similarly, in Battalla v. State, a young girl was placed in a ski lift chair by a state employee who failed to properly lock the safety belt intended to protect the occupant. As a result of the defendant’s negligence, the plaintiff became hysterical upon the descent from the mountain and suffered severe emotional distress with resultant physical manifestations. Once again the court departed from the physical impact rule and allowed plaintiff to recover for her emotional distress, which manifested itself in physical injuries, caused by being in danger.

To be sure, not all emotional distress cases are based on events that overtly threaten direct physical harm. In two rather well known California cases, the court allowed recovery for serious emotional distress arising from events that were simply traumatic in nature. In Ochao v. Superior Court, plaintiffs were parents of a child who was being held in custody at juvenile hall. While there, the child became very ill with bilateral pneumonia. The parents witnessed the child in agony and pleaded for the right to bring in their own physician to treat the child. All their requests to

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44. Id. at 392.
45. Id.
46. Id. at 395-96.
48. Id.
49. Id. at 730-32 (allowing recovery when plaintiff alleged neurological disturbances and residual physical manifestations).
51. Id.
52. Id. at 3-4.
have the child properly treated went on deaf ears.\textsuperscript{53} The youngster ultimately died as a result of his illness.\textsuperscript{54} He was never transferred from the juvenile hall infirmary to a hospital facility, nor were x-rays or blood tests taken. The child’s mother heard her child’s agonized screaming and saw his convulsing and vomiting.\textsuperscript{55} On these special facts the court recognized a cause of action for negligent infliction of emotional distress.\textsuperscript{56}

In an earlier case, \textit{Molien v. Kaiser Foundation Hospitals}, plaintiff was the husband of a wife who had been negligently diagnosed as suffering from syphilis.\textsuperscript{57} As a result of the negligently erroneous diagnosis, plaintiff’s wife became upset because she believed that the plaintiff had been engaged in extramarital sexual activities.\textsuperscript{58} The tension caused by the negligent diagnosis was alleged to have caused the break-up of the marriage and the initiation of divorce proceedings.\textsuperscript{59} The California Supreme Court held that recovery could be allowed for emotional distress even though such distress was not accompanied by physical injury.\textsuperscript{60}

A fair review of the cases allowing recovery for negligent infliction of emotional distress reveals that this cause of action is quite limited in scope. It was never designed to allow for compensation for general malaise that follows upon the heels of negligent conduct. Rather, it allows recovery for serious and immediate emotional distress arising from conduct that was either violent or traumatic in nature. With this historical perspective in mind, we now turn to the asbestos-related mental distress cases. The overwhelming majority of courts that have confronted the question of whether to allow recovery for mental distress when the plaintiff claims only exposure to asbestos or the onset of pleural plaque have denied such claims.\textsuperscript{61} We shall first survey the reasons courts have relied on to deny recovery and then turn to the underlying policies that support the denial of these claims.

\begin{itemize}
\item \textsuperscript{53} \textit{Id.}
\item \textsuperscript{54} \textit{Id.} at 4.
\item \textsuperscript{55} \textit{Id.} at 3-4.
\item \textsuperscript{56} \textit{Ochoa}, 703 P.2d at 6-9.
\item \textsuperscript{57} \textit{Molien v. Kaiser Found. Hosp.}, 616 P.2d 813, 814 (Cal. 1980).
\item \textsuperscript{58} \textit{Id.} at 814-15.
\item \textsuperscript{59} \textit{Id.}
\item \textsuperscript{60} \textit{Id.} at 820-21.
\end{itemize}
B. What Courts Have Done in Response to Preinjury Toxic Exposure Claims for Mental Distress

1. Utilizing Existing Doctrine to Deny Recovery

A significant number of courts that limit recovery for negligent infliction of mental distress to cases where the plaintiff has suffered either a physical impact or physical injury have denied recovery for mental distress arising from asymptomatic pleural thickening on the ground that exposures to toxics that do not bring with them symptoms of disease do not constitute sufficient "impact" or "physical injury" to bring them within the rules allowing recovery. The most celebrated case taking this position is Metro-North Commuter R.R. Co. v. Buckley, a recent United States Supreme Court decision. In an action brought under the Federal Employers’ Liability Act (FELA), a plaintiff who had been employed as a pipe-fitter by the Metro-North Railroad sought recovery for negligent infliction of mental distress arising from his exposure to asbestos dust over a period of three years. In an earlier case, the Court had held that FELA allows recovery for negligent infliction of mental distress only by "those plaintiffs who sustain a physical impact as a result of a defendant’s negligent conduct, or who are placed in immediate risk of physical harm by that conduct." Plaintiff contended that his long-term exposure to the asbestos dust that infiltrated his lungs was a sufficient "physical impact" to bring him within the scope of the traditional rule allowing recovery for mental distress. The Supreme Court disagreed. Relying on a large body of common law decisions that refuse asymptomatic plaintiffs recovery for negligent infliction of mental distress, the Court held that even long-term exposure to asbestos, absent symptoms of disease from that exposure, does not qualify as a physical impact and denied plaintiff recovery.
2. Creating New Doctrine to Deny Recovery

Several courts have gone beyond existing rules to deny plaintiffs' claims of mental distress. In an early case, *Eagle-Picher Industries v. Cox*, plaintiff, who had developed asbestosis, sought damages for an increased risk of developing cancer and for his present fear that he would develop cancer in the future.\(^70\) In its rejection of the single-action rule, the court found that asbestosis and mesothelioma are separate diseases.\(^71\) Having decided that the asbestos litigation required a departure from the traditional single-action rule, the court turned to the plaintiff's claim that he should be entitled to mental distress damages arising from his current fear of developing cancer in the future. The court first set forth the Florida rules governing negligent infliction of mental distress.\(^72\) In Florida, the right to recover depends on whether the plaintiff suffers "a physical impact from an external force."\(^73\) When there has been such an impact, the plaintiff may recover for mental distress arising from that impact without any manifestation of physical injury.\(^74\) In the absence of physical impact, plaintiff cannot recover unless the mental distress causes physical injury.\(^75\) Although several courts had held that the ingestion of harmful chemicals or drugs does not constitute an impact\(^76\) the Florida court found that the embedding of asbestos fibers in the plaintiff's lungs qualified as an external physical impact even though the effects were not immediately deleterious.\(^77\)

One would have thought that, once the court decided that the lodging of asbestos fibers in the lungs constitutes an external impact, the court would have simply endorsed the right for all plaintiffs who could prove inhalation of asbestos fibers into their lungs to recover for emotional distress without proof of physical injury. But such was not the case. Instead, the court undertook a separate inquiry as to whether and when it should allow recovery for fear of cancer.\(^78\) It found that fear of cancer claims are genuine since the plaintiff lives with the sword of Damocles over his head.\(^79\) But it then observed that "[i]f Damocles supplies the reason for permitting recovery, Pandora supplies the reason for at least limiting recovery."\(^80\) The court then stated that it would recognize recovery for mental distress in fear of cancer cases only when the plaintiff had suffered physical injury as a result of exposure to asbestos.\(^81\) In the case before the court, the plaintiff had

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71. Id. at 522.
72. Id. at 526.
73. Id.
74. Id. (citing Gilliam v. Stewart, 291 So. 2d 593 (Fla. 1974)).
75. Id. (citing Champion v. Gray, 478 So. 2d 17, 19 (Fla. 1985)).
77. Id.
78. Id. at 527.
79. Id.
80. Id.
81. Id. at 528-29.
developed asbestosis and thus suffered real physical harm. Asbestosis, though non-malignant, is characterized by such symptoms as shortness of breath, dry cough, weight loss, and chest pain. The court justified allowing recovery for mental distress because it believed that those who contract asbestosis have a well-founded reason to fear that they will contract cancer. The court noted that fifteen percent of those who develop asbestosis will develop cancer. Furthermore, the asbestosis sufferer faced with "a chronic, painful and concrete reminder that he has been injuriously exposed to a substantial amount of asbestos, a reminder which may both qualitatively and quantitatively intensify his fear," thus has a bona fide claim for mental distress.

Under the reasoning of Eagle-Picher, an asymptomatic plaintiff with only pleural thickening is in no position factually to anger that he has a significantly increased risk of developing cancer or that he is suffering current pain that serves as a constant reminder that a more serious disease may come upon him. His likelihood of developing cancer is minuscule, and he does not face the daily reminder of such fear in the form of any physical discomfort whatsoever. The Eagle-Picher court said that requiring a physical injury as a predicate to recovery for mental distress was "both necessary and fair." Permitting an action for fear of cancer where there has been no physical injury from the asbestos "would likely devastate the court system as well as the defendant manufacturers."

In a case of singular importance, Potter v. Firestone Tire & Rubber Co., the California Supreme Court confronted the problem of liability for negligent infliction of emotional distress based on the fear of developing cancer from exposure to a toxic substance. The claimants in Potter were property owners living adjacent to a landfill into which the defendant Firestone had dumped a host of chemicals known to be human carcinogens. These chemicals found their way into wells that provided the plaintiffs with drinking water. Plaintiffs alleged physical symptoms which they attributed to the toxic chemicals in the water and also claimed damages for present mental distress arising from fear that they would develop cancer in the future. The trial court found that "it was not possible to demonstrate with sufficient certainty a causal connection between these symptoms and well water contamination." Nonetheless, the trial court awarded the plaintiffs $800,000 for

82. Eagle-Picher, 481 So. 2d at 519.
83. See supra note 2.
84. Eagle-Picher, 481 So. 2d at 528.
85. Id. at 522.
86. Id. at 529.
87. See infra notes 102-08 and accompanying text.
88. See supra note 2.
89. Eagle-Picher, 481 So. 2d at 528.
90. Id.
92. Id. at 801-02
93. Id. at 802.
94. Id. at 803.
95. Id.
their lifelong fear of cancer and the resultant mental distress.\textsuperscript{96}

California is one of a handful of states allowing recovery for negligent infliction of mental distress even absent physical injury or harm arising from the mental distress.\textsuperscript{97} Nonetheless, the California Supreme Court reversed the award for mental distress damages, holding that in the absence of present physical injury, plaintiffs exposed to toxic substances could recover for mental distress based on the fear of developing cancer in the future only if "future physical injury or illness is more likely than not to occur as a direct result of the defendant's conduct."\textsuperscript{98} The California Supreme Court declined to express an opinion as to whether cellular changes in a plaintiff's body would constitute physical injury that would trigger parasitic damages for mental distress.\textsuperscript{99} However, what is significant is that the court recognized that emotional distress toxic tort cases require special treatment and cannot be subsumed under the general rules for negligent infliction of emotional distress.

C. Why the Overwhelming Majority of Courts Have Rejected Mental Distress Recovery for Preinjury Asymptomatic Asbestos Plaintiffs

Utilizing a variety of limited-duty rules, the courts have denied asymptomatic asbestos plaintiffs recovery for negligent infliction of mental distress. Whether by declaring that asbestos infiltration into the body does not constitute a physical impact, by finding that pleural plaque or thickening is not a sufficient physical injury, or by creating separate rules for fear-of-cancer cases when the fear is caused by exposure to a toxic substance, courts have found ways to deny recovery. The formal contours of the mental distress limited-duty rules provide no insurmountable obstacles to recovery. Courts could just as easily have concluded that exposure to asbestos constitutes a physical impact to the body\textsuperscript{100} or that pleural thickening qualifies as a physical injury.\textsuperscript{101} Most courts have not so concluded because they view the imposition of such liability as unwise. No single reason predominates. Courts and commentators have identified a host of policy concerns for denying these mental distress claims.

1. These Mental Distress Claims Are Significantly Different From Traditional Emotional Distress Claims

Plaintiffs seeking recovery for mental distress generally allege that asymptomatic plaintiffs who have developed some pleural thickening are five times

\textsuperscript{96} Id.
\textsuperscript{97} The Potter decision contains an extensive discussion of California law that allows recovery for mental distress without requiring proof of physical injury. Potter, 863 P.2d at 808-10.
\textsuperscript{98} Id. at 807.
\textsuperscript{99} Id.
\textsuperscript{100} See, e.g., Eagle-Picher Indus., Inc. v. Cox, 481 So. 2d 517, 526-27 (Fla. Dist. Ct. App. 1985).
\textsuperscript{101} See, e.g., Herber v. Johns-Manville Corp., 785 F.2d 79, 85 (3d Cir. 1986).
more likely to contract cancer \(^{102}\) and 300 times more likely to develop mesothelioma than had they not been exposed to asbestos. \(^{103}\) Defendants argue that mere citation of the statistics that indicate the greater likelihood of contracting cancer or mesothelioma without assessing the baseline risk of cancer in the general population is highly misleading. \(^{104}\) Where the baseline risk is very low, even a very high multiple can result in a very small likelihood that an asymptomatic plaintiff will ever develop lung cancer or mesothelioma. For example, the baseline risk of lung cancer in the general population is approximately 10 out of 100,000. \(^{105}\) The increased risk for a plaintiff with pleural thickening is five times the general risk or 50 out of 100,000. \(^{106}\) Thus, the annual risk of a plaintiff developing cancer is 1/20 of 1%. \(^{107}\) The baseline risk of developing non-asbestos related mesothelioma is infinitesimal. The annual risk to an asymptomatic plaintiff who was exposed to asbestos is 1/32 of 1%. \(^{108}\)

No technologically advanced society can realistically consider compensating for mental distress when the likelihood of contracting cancer or mesothelioma is so remote. \(^{109}\) Pollutants of all sorts fill the air. Regularly we learn through the media that these pollutants are potential carcinogens and that they increase the risk of

\(^{103}\) See id. at 233-34.
\(^{104}\) See id. at 234 n.1.
\(^{105}\) See id.
\(^{106}\) See id.
\(^{107}\) See id.
\(^{108}\) See Simmons, 674 A.2d at 234 n.1; see also In re Haw. Fed. Asbestos Cases, 734 F. Supp. 1563, 1570 n.10 (D. Haw. 1970) (citing study that evidence of lung cancer among shipyard workers would be approximately sixty seven per million men per year); Temple-Inland Forest Prods. Corp. v. Carter, 993 S.W.2d 88, 90 (Tex. 1999) (noting that plaintiffs’ risk of cancer increased one percent.) Notably, Temple-Inland left open the question of whether one who suffered from an asbestos related-disease might recover for the fear of developing another more serious asbestos-related disease. Temple-Inland, 993 S.W.2d at 94. However, in Pustejovsky, decided one year later, the court intimated that it would not allow recovery for mental distress in this setting. Pustejovsky v. Rapid Am. Corp., 35 S.W.3d 643, 650 (Tex. 2000).

It should be noted that scientific opinion is divided. Although exposure to asbestos increases the risk of cancer, some studies conclude that “there is no evidence of an increased risk in subjects with pleural plaques compared with subjects without plaques but an equivalent asbestos exposure.” E. Chailleux & M. Letourneux, Impact médical du dépistage des lésions pleurales bénignes liées à l’inhalation de poussières d’aminante, 16 MALADIES RESPIRATOIRES 1286, 1286 (1999). See also C. Peacock et al., Asbestos-Related Benign Pleural Disease, 55 CLINICAL RADIOLOGY 422, 425 (2000) (stating that there is no evidence that pleural plaques undergo malignant degeneration into mesothelioma).

\(^{109}\) See, e.g., Temple-Inland, 993 S.W.2d at 91 (refusing to recognize an action for mental distress arising from exposure to asbestos). The court quoted City of Tyler v. Likes:

Without intent or malice on the defendant’s part, serious bodily injury to the plaintiff, or a special relationship between the two parties, we permit recovery for mental anguish in only a few types of cases involving injuries of such a shocking and disturbing nature that mental anguish is a highly foreseeable result. Id. at 92 (quoting City of Tyler v. Likes, 962 S.W.2d 489, 496 (Tex. 1997)).
developing cancer.\textsuperscript{110} Having been exposed to them, they are part of our physical makeup and may lie dormant for decades. The notion that tort law should provide recovery for tiny increments in risk has no traditional basis in the law of torts.

In an earlier discussion, we set forth the rules that generally govern the tort of negligent infliction of mental distress.\textsuperscript{111} All of the traditional cases allowing recovery for emotional distress are characterized by a discrete event that brought about a serious and clearly identifiable immediate emotional response that radically altered the emotional well-being of the plaintiff. One simply cannot project from the traditional emotional distress cases a right of recovery for asymptomatic plaintiffs who have an annualized 1/20 of 1\% chance of developing cancer. The law has not and should not seek to protect the right to be free from general malaise arising from some small increase in the background risk of contracting cancer. Even courts that advocate recovery for pure mental distress absent physical harm do so only in cases that are light years removed from the claims of mental distress alleged by asymptomatic plaintiffs in the asbestos cases.

2. Remote-Risk Cases Present Serious Problems in Separating Meritorious From Non-meritorious Claims

Putting aside the question of whether asbestos mental distress claims are inherently valid, courts have expressed deep concern about their ability to distinguish meritorious claims from those that are trivial. As the United States Supreme Court noted in \textit{Metro-North}, asbestos is only one of a smorgasbord of

\textsuperscript{110} See Potter v. Firestone Tire & Rubber Co., 863 P.2d 795, 811-12 (Cal. 1993) (en banc). The court noted:

\textit{As a starting point in our analysis, we recognize the indisputable fact that all of us are exposed to carcinogens every day. As one commentator has observed, "[i]t is difficult to go a week without news of toxic exposure. Virtually everyone in society is conscious of the fact that the air they breathe, water, food and drugs they ingest, land on which they live, or products to which they are exposed are potential health hazards. Although few are exposed to all, few also can escape exposure to any."}

\textit{Id. (quoting Terry Morehead Dworkin, \textit{Fear of Disease and Delayed Manifestation Injuries: A Solution or a Pandora’s Box?}, 53 FORDHAM L. REV. 527, 576 (1984) (footnotes omitted)). See also Metro-North Commuter R.R. Co. v. Buckley, where the Court made a similar observation: [C]ontacts, even extensive contacts, with serious carcinogens are common. See, e.g., Nicholson, Perkel & Selikoff, Occupational Exposure to Asbestos: Population at Risk and Projected Mortality—1980-2030, 3 Am. J. Indust. Med. 259 (1982) (estimating that 21 million Americans have been exposed to work-related asbestos); U.S. Dept. of Health and Human Services, I Seventh Annual Report on Carcinogens 71 (1994) (3 million workers exposed to benzene, a majority of Americans exposed outside the workplace); Finkle, et al., Exposure of the U.S. Population to Environmental Tobacco Smoke, 275 JAMA 1233, 1237 (1996) (reporting that 43\% of American children lived in a home with at least one smoker, and 37\% of adult nonsmokers lived in a home with at least one smoker or reported environmental tobacco smoke at work).}


\textsuperscript{111} See supra Part III.A.
toxic pollutants that are potential carcinogens to which we are daily exposed.\footnote{See Metro-North, 521 U.S. at 434.} Are courts capable of deciding the emotional distress created by the "increased risk of dying" for each carcinogen? Justice Breyer puts it well:

An external circumstance—exposure—makes some emotional distress more likely. But how can one determine from the external circumstance of exposure whether, or when, a claimed strong emotional reaction to an increased mortality risk (say from 23% to 28%) is reasonable and genuine, rather than overstated—particularly when the relevant statistics themselves are controversial and uncertain (as is usually the case), and particularly since neither those exposed nor judges or juries are experts in statistics? The evaluation problem seems a serious one.\footnote{Id. at 435.}

3. Allowing Recovery for Mental Distress Gives Precedence to Those Less Seriously Injured

Almost every judge and scholar who has addressed the issue of recovery for mental distress arising from exposure to asbestos has noted the irony that the huge volume of mental distress claims can devour the assets of defendants at the expense of more seriously injured plaintiffs.\footnote{See, e.g., Metro-North, 521 U.S. at 435-36; Potter, 863 P.2d at 814; Temple-Inland Forest Prods. Corp. v. Carter, 993 S.W.2d 88, 93 (Tex. 1999); see also Mark A. Behrens & Monica G. Parham, Stewardship for the Sick: Preserving Assets for Asbestos Victims Through Inactive Docket Programs, 33 Tex. Tech. L. Rev. 1 (2001). The landmark article describing this problem is Peter H. Schuck's The Worst Should Go First. See Schuck, supra note 1.} All plaintiffs exposed to asbestos have potential immediate mental distress claims. Asbestosis and mesothelioma have very long latency periods. When plaintiffs actually develop these serious diseases for which they are clearly entitled to compensation, they may find that there are no assets left to compensate them for their injuries.\footnote{See Roger Parloff, The $200 Billion Miscarriage of Justice, FORTUNE, Mar. 4, 2002, at 155, 155. Parloff states: Because of the dwindling number of plausible, solvent asbestos defendants, tension has built between the firms that represent only very sick plaintiffs, like Steve Kazan's, and larger firms that represent all plaintiffs, including the unimpaired. "I happen to believe," says Kazan, "that the interests of the unimpaired clients in fact are better served by giving them nothing or very little now, but making sure that if they were to get sick later on there will be money for them." In February 2000, when the most recent waive of bankruptcies began, Kazan and others with practices like his decided that their clients' interests could no longer be adequately protected by plaintiffs creditors' committees composed predominantly of lawyers like Baron [who represents both injured and}
validity ahead of serious injury claims because the former are by definition first in time is simply unjust. No one has a good word to say about this practice. In several jurisdictions where plaintiffs legitimately fear that failure to bring immediate action may mean that they will later be barred by the statute of limitations if they develop asbestosis or an asbestos related malignancy, courts have established inactive docket plans. Under these plans, plaintiffs who have asymptomatic pleural thickening are listed in a pleural registry, and their claims are deferred until they suffer true physical impairment. The statute of limitations is tolled and discovery is stayed until objective evidence of physical impairment is forthcoming. The net effect of such plans is to disallow recovery for mental distress based on the fear of developing more serious asbestos-related diseases in the future.

4. Mental Distress Claims Against Second Generation Asbestos Defendants are Manifestly Unfair

When considering the validity of mental distress claims for asymptomatic plaintiffs, one must take into account the impact of such causes of action against the second generation of "peripheral" asbestos defendants. These defendants are not manufacturers of asbestos, but are, for the most part, companies that purchased asbestos for use as a component in a larger general product. Automobile and truck manufacturers who used asbestos in brake linings and boiler manufacturers who used asbestos as an insulator are recent examples of this new generation of peripheral defendants who have been targeted once the prime defendants—the asbestos companies—have been driven into bankruptcy and are no longer a source of funds to compensate asbestos plaintiffs.

To understand the injustice of allowing an action for mental distress on behalf of asymptomatic plaintiffs against the second generation of asbestos defendants, it is necessary to provide some context for this cause of action. Actions brought against asbestos manufacturers on behalf of plaintiffs who have contracted asbestosis or mesothelioma have the greatest claim to validity. Manufacturers who, because of their expertise, either knew or should have known of the dangers associated with exposure to asbestos may face legitimate negligence claims for failure to warn of the risks of harm. When such negligence results in physical injury, the plaintiff has a claim for traditional tort damages. As we have seen, if the plaintiff cannot demonstrate illness or disease and claims only mental distress, the courts generally deny recovery for the reasons set forth above. On the other hand,

unimpaired plaintiffs]. They formed a committee of their own to make sure that their point of view would be heard.

Id. at 170.
116. See Behrens & Parham, supra note 114, at 13-16.
117. See id. at 8-9.
118. See id. at 8.
119. See id. at 18.
120. See Parloff, supra note 115, at 162.
121. See supra notes 102-19 and accompanying text.
cases brought against the non-manufacturer second generation "peripheral" defendants are of questionable validity. These defendants had neither the expertise nor the access to research and data that characterize the claims against defendant manufacturers. Even if claims against these defendants are facially valid, they represent fault different not only in degree, but in kind, from that alleged against asbestos manufacturers. Whether such tenuous fault should support recovery for injuries such as asbestosis or mesothelioma can be debated. But what clearly should be beyond the pale is allowing a claim based on tenuous fault to support a cause of action for suspect mental distress damages.

Courts that are considering whether to allow recovery for mental distress for asymptomatic plaintiffs against manufacturers should be aware that such an action, once recognized, will be utilized against second, third, and fourth generation defendants whose fault, if any, is marginal. Ideally, tort law, through the medium of proximate cause, is supposed to deny recovery when harm is wildly disproportional to fault. As a practical matter, case by case proximate cause determinations cannot be managed in the context of the huge volume of asbestos cases. Claims based on marginal fault that result in damages based on fear created by tiny increments of increased risk will come to dominate the asbestos litigation scene. The madness must come to an end.

V. WHERE PLAINTIFFS' CLAIMS ARE SUPERFICIALLY PLAUSIBLE AND TRADITION IS NONEXISTENT: RECOVERY FOR MEDICAL MONITORING

A. Why Medical Monitoring Claims Are Superficially Plausible, if Not Downright Appealing

As earlier discussions make clear, claims for increased risk are manifestly implausible because no good reason exists for allowing unimpaired plaintiffs to pursue recovery prematurely, based on inherently speculative claims about future possibilities, when they will most assuredly be allowed to come into court later if and when they actually suffer injury. Quite simply, speculative claims for future injuries should be deferred to such a time when certainty replaces speculation. And while claims for mental anguish caused by increased risk are comparatively more plausible—the mental anguish represents a current, not a future, injury—strong traditions in Anglo-American law cut against allowing such claims for intangible losses in the absence of physical impact or injury. In contrast, claims for medical monitoring appear to combine currency and tangibility. A plaintiff exposed to asbestos or other toxic substances may argue that she requires surveillance quite

123. See generally DOBBS, supra note 17, §§ 180-86.
124. See supra notes 27-28 and accompanying text.
125. See supra notes 62-113 and accompanying text.
independently of whether she eventually suffers injury. Furthermore, medical monitoring is designed to commence immediately, in the physical world, and its economic costs are demonstrably real and calculable. Indeed, the costs of medical surveillance resemble, at least superficially, the costs of medical treatment for tortiously-caused physical injury, which courts have properly recognized since our tort system began. As shall be made clear, this apparent similarity masks important differences between medical treatment for actual injuries and medical monitoring for the possibility of future injuries. But, it helps to explain why exposure-based medical monitoring claims are superficially attractive.

Another reason for the intuitive appeal of medical monitoring claims is that asbestos and other toxic substances have come to epitomize the evils of ruthless industrial technology in the public eye, and the plaintiffs are quintessentially innocent victims of wrongdoing. In this setting of heightened sensitivities, if not passions, the plaintiffs may come to be seen in the collective judicial mind as analogous to beleaguered victims of natural disasters, seeking funding for public health programs aimed at preventing future outbreaks of disease. On the other hand, plaintiffs seeking to recover for alleged emotional upset following exposure to asbestos may appear to be overreaching, looking for a monetary windfall after the event. But who can doubt the motives of plaintiffs who seek merely the opportunity to undergo unpleasant, often invasive medical examinations to attempt to detect the early onset of disease? Claims for mental anguish are inherently suspect; claims for medical monitoring, by contrast, seem justified. It follows that even if a substantial portion of what defendants are required to spend on monitoring does not actually redress a significant social problem, these liabilities are believed to be warranted because they respond to wrongdoing in a symbolically satisfying manner.

126. See, e.g., Betts v. Manville Pers. Injury Settlement Trust, 588 N.E.2d 1193, 1218 (Ill. App. Ct. 1992) ("Here, the incurring of medical expenses for future monitoring of plaintiffs' conditions is reasonably certain to occur, although the contracting of cancer is not.").
128. See infra note 183 and accompanying text.
130. See, e.g., Eric Planin & Michael A. Fletcher, Many Schools Built Near Toxic Sites, Study Finds, WASH. POST, Jan. 21, 2002, at A2 (reporting that hundreds of thousands of children throughout the country attend schools built near toxic sites and are thereby endangered); cf. infra note 178 and accompanying text.
132. See, e.g., Metro-N. Commuter R.R. Co. v. Buckley, 521 U.S. 434, 435 (1997) ("[H]ow can one determine from the external circumstance of exposure whether ... a claimed strong emotional reaction ... is reasonable and genuine, rather than overstated ...?").
To these admittedly impressionistic observations may be added another explanation for the superficial appeal of medical monitoring claims—one rooted in the judicial decisions allowing recovery. Awarding preinjury plaintiffs exposed to asbestos and other toxic substances the costs of medical monitoring may serve as something of a consolation prize, helping to soften the negative impact of judicial rejection of the same plaintiffs' claims increased risk and mental anguish.\textsuperscript{133} The pattern repeats itself in the reported decisions. Plaintiffs alleging exposure to asbestos or other toxic substances, without any resulting physical injury, come before courts asserting claims for relief on the three bases being examined in this Article. The judges fairly routinely reject their claims for increased risk and mental anguish, for the reasons outlined earlier, impliedly admonishing the plaintiffs for having imagined that relief might be forthcoming in the absence of physical injury.\textsuperscript{134} However, these same judges, when they address the claims for medical monitoring, reverse direction and take pains to explain why this third basis of liability does not raise the same concerns as did the first and second.\textsuperscript{135} On a fair reading of these decisions, one gets the impression that the medical monitoring claims provide judges with an opportunity to give the plaintiffs something, without seeming to break totally with the traditional requirement that negligence plaintiffs demonstrate tangible physical harm. In this respect, allowing recovery for medical monitoring may seem to judges like the least they can do for plaintiffs placed at increased risk by modern technology.

\textbf{B. The Case Law to Date Is Mixed, Leaning Toward Acceptance but With Recent Signs of Stiffening Resistance}

Published judicial opinions began to focus on medical monitoring in the early to mid-1980s, with judicial attention increasing steadily since then. The earliest cases involved classic examples of traumatic impacts and physical injuries in which the plaintiffs sought to recover for the future costs of continued medical surveillance.\textsuperscript{136} The medical monitoring aspects of these cases were consistent with traditional remedies for negligence-based tort recovery, and they cannot be said to

\begin{footnotesize}
\begin{enumerate}
\item \textsuperscript{133} See generally Arvin Maskin et al., \textit{Medical Monitoring: A Viable Remedy for Deserving Plaintiffs or Tort Law's Most Expensive Consolation Prize?}, 27 WM. MITCHELL L. REV. 521, 521 (2000) ("With its lower standards of proof, a medical monitoring award often represents plaintiffs' strongest chance of success.").
\item \textsuperscript{134} See, e.g., Burns v. Jaquays Mining Corp., 752 P.2d 29, 32 (Ariz. Ct. App.1987) ("The psychosomatic injuries diagnosed by Dr. Gray...are not the type of bodily harm which would sustain a cause of action for emotional distress.").
\item \textsuperscript{135} \textit{Id.} at 33 ("[D]espite the absence of physical manifestations of any asbestos-related diseases...the plaintiffs should be entitled [to recover the costs of medical monitoring].").
\item \textsuperscript{136} See, e.g., Hagerty v. L & L Marine Servs., Inc., 788 F.2d 315, 316 (5th Cir. 1986) (involving plaintiff who was soaked in cacogenic chemicals); Friends For All Children, Inc. v. Lockheed Aircraft Corp., 746 F.2d 816, 818 (D.C. Cir. 1984) (involving a flying accident which killed and injured hundreds of orphans).
\end{enumerate}
\end{footnotesize}
have broken new ground.\textsuperscript{137} The seminal decision allowing recovery for medical monitoring in the absence of traumatic impact or manifested physical injury is \textit{Ayers v. Township of Jackson}, decided in 1987.\textsuperscript{138} In that case, the New Jersey Supreme Court held that a group of plaintiffs who had been exposed to a toxin in their residential drinking water could recover medical surveillance costs from their municipality, which was found responsible for their predicament.\textsuperscript{139} The \textit{Ayers} court held that the plaintiffs, none of whom had developed symptoms of exposure-related disease, could recover medical monitoring expenses if such monitoring were found to be reasonably necessary in light of five articulated criteria.\textsuperscript{140} In so holding, the court relied on earlier decisions involving traumatic impacts and physical injuries, and purported merely to be countenancing the extension of a traditional remedy for a traditional tort.\textsuperscript{141} Over the next several years other courts, relying on \textit{Ayers}, allowed recovery for medical monitoring in cases involving persons who, having been exposed to toxics substances, had not yet manifested physical injuries.\textsuperscript{142} For example, in \textit{In re Paoli R. R. Yard PCB Litigation}, decided in 1990, the Third Circuit Court of Appeals, applying Pennsylvania law, recognized medical monitoring claims.\textsuperscript{143} The \textit{Paoli} opinion sets forth four prerequisites to recovery that have played a role in guiding subsequent developments.\textsuperscript{144} To date, courts in about twenty jurisdictions, including the highest courts in at least seven states, purport to recognize these claims.\textsuperscript{145} Several academic commentators have approved of these developments.\textsuperscript{146} Some of these commentators, including the author of a recent law

\textsuperscript{137} See Andrew R. Klein, \textit{Rethinking Medical Monitoring}, 64 BROOK. L. REV. 1, 6 (1998) (noting that \textit{Friends For All Children, Inc. v. Lockheed Aircraft Corp.}, the seminal case involving traumatic impacts of an airplane crash, broke no new ground in allowing medical surveillance claims).

\textsuperscript{138} Ayers v. Township of Jackson, 525 A.2d 287 (N.J. 1987).

\textsuperscript{139} See id. at 312-13.

\textsuperscript{140} See id. at 312.

\textsuperscript{141} See id. at 311 ("Compensation for reasonable and necessary medical expenses is consistent with well-accepted legal principles.").


\textsuperscript{143} In re Paoli R.R. Yard PCB Litig., 916 F.2d 829, 852 (3rd Cir. 1990) (applying Pennsylvania law).

\textsuperscript{144} See id. Other courts have adopted these criteria. See, e.g., \textit{In re Marine Asbestos Cases}, 265 F.3d 861, 866 (9th Cir. 2001).


review article that may prove to be influential, explicitly base their analysis on the fact that allowing recovery in these cases does not represent a new cause of action but merely the recognition of an evolving remedy for a traditional tort.

What makes medical monitoring interesting from a precedential standpoint is the fact that at least four courts—including the United States Supreme Court—have rejected medical monitoring claims in the last several years. In Metro-North Commuter R.R. Co. v. Buckley, the United States Supreme Court considered these developments and rejected medical monitoring claims under FELA as unwise and uncalled for. The soundness of this conclusion will be considered in a subsequent discussion in this Article. Suffice it to say that Justice Breyer's majority opinion penetrates the superficial appeal described earlier and finds the claims to lack sufficient substantive merit to warrant their recognition in FELA cases. Moreover, within the last year, supreme courts in two states—Nevada and Alabama—have rejected medical monitoring claims in the absence of physical injury. The most recent decision rejecting medical monitoring claims is Duncan v. Northwest Airlines, Inc., in which the federal district court, applying Washington law, held that no cause of action exists to recover the costs of medical monitoring. Referring to such claims as "a novel, nontraditional tort and remedy," the district court noted that "[m]ost of the states that have considered the issue have chosen to recognize a remedy rather than create a separate, new cause of action." The court concluded that, under Washington law, the plaintiff could pursue medical monitoring as part of her claim to recover for existing injury, but could not pursue that claim independent of such injury.

Importantly, these decisions rejecting preinjury medical monitoring recovery support the conclusion that the case law is mixed regarding whether medical monitoring claims should be allowed where personal injury is not present. A majority of the relevant decisions to date recognize such claims, although a number of these jurisdictions insist that no new cause of action—rather, only a question of

(1993).

147. See Klein, supra note 137, at 10-11.
148. See supra note 146.
150. See infra Part V.C.
151. Metro-North, 521 U.S. at 438-44.
154. Duncan v. Northwest Airlines, Inc., 203 F.R.D. 601, 608-09 (W.D. Wash. 2001) ("In light of Washington's hesitation to recognize new torts, its reluctance to allow damages for enhanced risk without an accompanying present injury, and the ambiguity in case law from other states, this Court holds that there is no cause of action for medical monitoring as an independent tort under Washington law.").
155. Id. at 607.
156. Id.
157. Id. at 609.
remedy—is involved. But at least four courts, including the United States Supreme Court and the highest courts of two states, have rejected this position. On any fair assessment of the relevant precedent, American courts have not reached consensus regarding the legitimacy of these medical monitoring claims. The question remains unanswered, to be considered on the merits.

C. On the Merits: Recovery in Tort for Preinjury Medical Monitoring Claims Should Be Rejected

1. Clearing Away the Underbrush: The Issue Is Substantive, Not Merely Remedial

As the foregoing discussion of legal precedent makes clear, many courts and commentators who support medical monitoring claims insist that the issue is whether to allow a somewhat novel remedy (some even dispute the novelty of the remedy) in the context of a traditional, mainstream tort. These courts and commentators assert that nothing really new is happening substantively if a court imposes medical monitoring liability on a defendant when the plaintiff has not yet manifested physical injury. Regardless of whether recovery should be allowed in these cases, characterizing the issue as essentially remedial is wrong. The view that medical monitoring involves nothing new rests, explicitly or implicitly, on the questionable premise that the plaintiffs in these cases have been "injured"—that their exposures to asbestos and other toxins have placed them at greater risk of future injury, and that this fact of increased risk, or the fact of the exposure itself, constitutes an "injury" similar to a broken leg suffered in an automobile accident. Simply stated, this premise is false. From the beginnings of our negligence

158. See Badillo v. Am. Brands, Inc., 16 P.3d 435, 440 (Nev. 2001) ("Courts have recognized medical monitoring more often as a remedy than as a cause of action.").
159. See supra notes 149-57; see also Victor E. Schwartz et al., Medical Monitoring—Should Tort Law Say Yes?, 34 WAKE FOREST L. REV. 1057, 1074 (1999).
160. See supra notes 141, 148, 158 and accompanying text.
161. See Bower v. Westinghouse Elec. Corp., 522 S.E.2d 424, 430 (W.Va. 1999). The court held: "We now reject the contention that a claim for future medical expenses must rest upon the existence of present physical harm. The 'injury' that underlies a claim for medical monitoring—just as with any other cause of action sounding in tort—is 'the invasion of any legally protected interest.' Id. (quoting RESTATEMENT(SECOND) OF TORTS § 7(1) (1965)). The court then quoted the United States Court of Appeals for the District of Columbia Circuit, one of the first courts to grapple with this subject:

It is difficult to dispute that an individual has an interest in avoiding expensive diagnostic examinations just as he or she has an interest in avoiding physical injury. When a defendant negligently invades this interest, the injury to which is neither speculative nor resistant to proof, it is elementary that the defendant should make the plaintiff whole by paying for the examinations.

Id. (quoting Friends for All Children, Inc. v. Lockheed Aircraft Corp., 746 F.2d 816, 826 (D.C. Cir. 1984). For a helpful explanation of how flexible the concept of "injury" can be in this context, see Matthew D. Hamrick, Comment, Theories of Injury and Recovery for Post-Exposure, Pre-Symptom Plaintiffs: The Supreme Court Takes a Critical Look, 29 CUMB. L. REV. 461, 468-85 (1999).
jurisprudence, "injury" has been synonymous with "harm" and connotes physical impairment or dysfunction, or mental upset, pain and suffering resulting from such harm.\footnote{Section 282 of the \textit{Restatement (Second) of Torts} defines negligence as conduct "which falls below the standard established by law for the protection of others against unreasonable risk of harm." \textsc{Restatement (Second) of Torts} § 282 (1965). Section 7 defines "harm" as denoting "the existence of loss or detriment in fact of any kind to a person." \textit{Id.} at § 7(1).} This definition is not drily logical; it serves as a linchpin in determining the duties of care owed by defendants and both the validity and timeliness of plaintiffs' claims for fault-based recovery.\footnote{See generally Thomas C. Grey, \textit{Accidental Torts}, 54 \textsc{Vand. L. Rev.} 1225, 1272 (2001) (noting that historically, "the evil against which tort law was directed was the doing of harm, rather than the infringement of rights or the violation of duties").}

As explained earlier, a great majority of American courts have rejected exposure-based claims to recover for increased risk of future injury in the absence of current injury.\footnote{See supra note 27 and accompanying text.} It follows that judicial and academic commentary categorizing medical monitoring claims as merely a question of appropriate remedy or measurement of recovery serves as an analytical smoke screen to hide the fact that a substantive departure from tradition is being implemented. It may turn out that recognizing these claims makes sense in light of the relevant policy considerations. But the "only remedies are involved" rhetoric represents analytical underbrush that must be cleared away before the substantive policy issues can be addressed on the merits. The substantive question to be answered is this: Should courts allow plaintiffs to recover based on the possibility of future injuries by imposing on defendants the current costs of medically monitoring those persons placed at increased risk? Framing the question in this manner makes clarifies what many advocates of recovery for medical monitoring seek to obfuscate: that to recognize these claims is to allow current recovery in the absence of current injury. A reasonable court might choose to allow these claims; but such a decision would be neither "only remedial" nor "business as usual."

2. \textit{The Arguments in Support of Recovery for Medical Monitoring Tend to Beg the Questions of Whether Plaintiffs Have Suffered Injury and Whether the Claims Could Be Fairly Adjudicated}

A recent Supreme Court of West Virginia decision, \textit{Bower v. Westinghouse Electric Corp.},\footnote{Bower v. Westinghouse Elec. Corp., 522 S.E.2d 424 (W. Va. 1999).} relying on an earlier California Supreme Court decision,\footnote{Potter v. Firestone Tire \& Rubber Co., 863 P.2d 795, 816 (Cal. 1993) (en banc).} outlines four public policy considerations that favor recognizing a right to recover medical monitoring costs: (1) allowing recovery serves "an important public health interest in fostering access to medical testing," especially in light of the value of early diagnosis and treatment for insidious diseases such as cancer;\footnote{See \textit{Bower}, 522 S.E.2d at 431.} (2) recognizing these claims promotes deterrence by discouraging the irresponsible
distribution of toxic substances;\textsuperscript{168} (3) early monitoring may prevent or mitigate future illnesses and thus reduce the eventual liability costs to the defendants;\textsuperscript{169} and (4) allowing recovery serves "societal notions of fairness and elemental justice" by assuring that plaintiffs "wrongfully exposed to dangerous toxins," but unable to prove that cancer or other disease is likely, may recover when medical surveillance is shown to be reasonable and necessary.\textsuperscript{170} The West Virginia Supreme Court concluded that recovery for medical monitoring is appropriate "where it can be proven that such expenses are necessary and reasonably certain to be incurred as a proximate result of a defendant's tortious conduct."\textsuperscript{171}

A detailed critique of this reasoning is unnecessary to our purpose.\textsuperscript{172} The important point here is that the court's policy analysis assumes that courts are equipped to resolve the issues of proximate causation and measurement to which the court alluded in its above excerpted conclusion and that the relevant social costs of medical surveillance are significant. The Bower court's second policy argument regarding deterrence, for example, is valid only if one assumes that the social costs of any given exposure to asbestos or other toxic substance can, in the absence of physical injury, be determined fairly and accurately. However, given the unavoidable difficulties of measurement and assessment, together with the great number of claims involved, the possibility of significant overdeterrence is very real in this context.\textsuperscript{173} Additionally, the court's fourth argument—that allowing medical monitoring claims will provide compensation to plaintiffs who cannot prove that they have been or are likely to be injured—clearly begs the question of why justice is necessarily served by allowing, through the back door, recoveries that courts will not allow in through the front.\textsuperscript{174} In the end, the policy issues that really count are the ones that the West Virginia Supreme Court's policy analysis\textsuperscript{175} begs: Are courts institutionally capable of determining the true social costs, in the form of increased needs for medical surveillance, of public exposures to toxic substances? Are those social costs substantial enough to warrant inviting massive litigation, involving potentially millions of exposed plaintiffs, as a kind of judicially-sponsored public health program? These important issues are taken up in the discussion that follows.

\textsuperscript{168} Id.
\textsuperscript{169} Id.
\textsuperscript{170} Id.
\textsuperscript{171} Id.
\textsuperscript{172} For example, the first and third reasons are redundant. The point of substance in both is that monitoring helps prevent disease, which simultaneously benefits the patients, society, and the defendants who must pay when disease occurs.
\textsuperscript{173} See Metro-N. Commuter R.R. Co. v. Buckley, 521 U.S. 424, 442 (1997) (noting that recoverable costs are difficult to identify and tens of millions of individuals may have suffered exposure that justifies monitoring); see also Klein, supra note 137, at 27 ("Forcing defendants to internalize unmatured risk in the nature of medical monitoring expenses . . . raises serious concerns of overdeterrence.").
\textsuperscript{174} See Klein, supra note 137, at 15 ("[E]nhanced risk itself is not compensable, but if you demonstrate an increased risk of disease, you can recover medical monitoring costs . . . ").
\textsuperscript{175} See supra notes 165-74 and accompanying text.
3. Powerful Arguments Support Rejection of Recovery for Preinjury Medical Monitoring

No one has yet advocated for the proposition that tort-based funding of medical surveillance serves a significant social need. Available evidence strongly suggests that many, if not most, persons exposed to toxic substances do not want to be monitored. Obviously, rational persons would like to be paid money "in the name" of receiving surveillance; but they apparently have a lot better ways to spend the money than on monitoring, once they receive it.\footnote{176} Thus, it is hardly surprising that many proponents of tort liability insist that recoveries go not to the claimants directly in money payments, but to fund court-administered programs from which claimants may benefit only by actually undergoing medical monitoring.\footnote{177} Moreover, even if it were somehow possible to determine which monitoring costs are attributable to which toxic sources, most monitoring systems established to accomplish marginal improvements would duplicate systems set up for similar purposes.\footnote{178} A large majority of Americans (admittedly not all) are covered by one form or another of general health insurance which presumably is in place to carry the lion’s part (admittedly not all) of the financial burden of medical monitoring.\footnote{179} Even if marginal social benefits were generated by recognizing tort claims for medical monitoring, they are almost certainly smaller than proponents of tort recovery anticipate in their arguments. Furthermore, such monitoring—especially excessive monitoring—is not only wasteful of scarce resources, but often places those being monitored at risk of surveillance-related harm.\footnote{180} But if the social benefits derived from court-sanctioned medical monitoring are questionable to the point of being dubious, the serious negative impacts of such liability on the business firms involved cannot be doubted. Given that negligently distributed or discharged toxins can be perceived to lie around every corner in the modern industrialized world,\footnote{181} and their effects on risk levels are at best speculative, the potential tort claims involved are inherently limitless and endless.\footnote{182} When courts require plaintiffs to prove that they have been, or are likely to become,
physically injured as a result of exposures to asbestos or other toxic substances, defendants' potential liabilities are contained within natural boundaries. In contrast, in the medical monitoring context there are no such natural boundaries. Especially when medical surveillance is seen as conferring significant public health benefits, proponents may be hard-pressed to see the need for boundaries. After all, what could be wrong with having unpopular defendants pay for making America a healthier place?

The accuracy of these observations regarding potentially crushing liabilities is revealed by the concern that advocates of medical monitoring liability have expressed regarding the need to set meaningful requirements that plaintiffs must meet before imposing such liability. The most often recognized requirements clearly reflect these concerns. Thus, the West Virginia Supreme Court in Bower adopted six such prerequisites to medical monitoring liability.183 These include significant exposure to "a proven hazardous substance,"184 creating an increased risk of "a serious latent disease,"185 requiring monitoring that is "different from what would be prescribed in the absence of the exposure."186 Observe that the court self-consciously relied on a series of quantitative modifiers, italicized above, in an effort to reserve liability for truly deserving cases. Anyone familiar with modern American trial practice will understand that, however well-meaning, this reliance on superlatives will not prevent most well-prepared cases from reaching triers of fact.187 There is no escaping the conclusion that defendants in these medical monitoring cases face potentially crushing liabilities.188

Another inescapable implication of the inherent vagueness and open-endedness of medical monitoring litigation is that the courts will face, in the long run, an overwhelming flood of litigation in this area.189 If the past decade of asbestos litigation has taught us anything, it is that the appetites of the plaintiff's bar know no limits in the ongoing search for secondary and even tertiary generations of defendants against whom to bring massive collective actions on new and expanding legal theories.190 The West Virginia Supreme Court may believe that it "did justice"

184. Id. (emphasis added) (Elements one and two).
185. Id. (emphasis added) (Element four).
186. Id. (emphasis added) (Element five).
187. All that plaintiffs must do to satisfy the first requirement, for example, is to have their medical expert testify that the exposure is "significant" and that the substance—e.g., asbestos—is a "proven" hazard. The disease—cancer, in most instances—is indisputably "serious." Bower's six prerequisites may make academics feel good, but they should make any competent trial lawyer smile.
188. See supra note 182 and accompanying text.
190. See generally Richard B. Schmitt, How Plaintiffs' Lawyers Have Turned Asbestos Into a Court Perennial, WALL ST. J., Mar. 5, 2001, at A1. The article describes how plaintiffs' lawyers are bringing actions, including preinjury exposure claims, against everyone who had any connection—even tangential—with asbestos. For example, MetLife Insurance Company recently settled asbestos claims based on its having sold group life insurance policies to the employees of asbestos companies, thereby playing a role as "part of the foundation to put asbestos everywhere." Id.
in *Bower* by adopting an ostensibly sensible rule of liability with which lower courts will be able to render medical monitoring decisions that are fair, rational, and manageable. But surely *Bower* has unwittingly brought upon the West Virginia judiciary the potential for a plague of future litigation of questionable substantive benefit with which it is institutionally incapable of dealing. Manifestly the Supreme Court of West Virginia has set upon a course that will prove just as unworkable and unmanageable as would recognition of the emotional upset claims.\textsuperscript{191} The possible reasons why the *Bower* court succumbed to temptation regarding medical monitoring are explained below.\textsuperscript{192} But the institutional costs to the courts in that state will, almost certainly, be very great.

Finally, it must be understood that judicial recognition of claims for preinjury medical surveillance threatens the conceptual integrity of the American common law of torts. When one reflects objectively on what is happening in jurisdictions like West Virginia, at the conceptual level these medical monitoring claims combine elements of failure to rescue and pure economic loss. In effect, the plaintiffs in these cases want to force the defendants to pay the purely economic costs of rescuing them from a medical predicament. In both of these areas of the common law of torts courts have traditionally proceeded with great caution, perceiving correctly that, however superficially appealing plaintiffs’ claims may appear in the short run, the open-endedness of robust liability regimes would prove highly problematic in the long run.\textsuperscript{193} In these medical monitoring cases the plaintiffs’ predicaments are allegedly caused by the defendants’ wrongful acts in distributing or discharging asbestos or other toxic substances.\textsuperscript{194} But the fact remains that from a legal process perspective the tasks of sorting out how much of that predicament can fairly be attributed to defendants’ behavior, and what, exactly, to require by way of rescue efforts, are no less onerous here than in other duty-to-rescue contexts.\textsuperscript{195} Moreover, the conclusion is inescapable that the plaintiffs are seeking to recover pure economic loss in the absence of either personal injury or property damage.\textsuperscript{196} Recognizing these claims represents an important conceptual extension that is obfuscated in the judicial decisions and academic commentary characterizing the

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The article quotes a leading plaintiffs’ lawyer as saying in a lunchtime interview, “‘The asbestos companies are going bankrupt faster than you and I can eat the food.’ . . . ‘We need to find someone else to pay the victims.”’ *Id.*

\textsuperscript{191} See supra notes 61-123 and accompanying text.

\textsuperscript{192} See infra Part D.

\textsuperscript{193} See generally HENDERSON, JR. ET AL., supra note 127, at 267-97, 392-409.

\textsuperscript{194} Thus, technically the plaintiffs’ medical monitoring claims come within an exception to the no-duty-to-rescue rule for cases in which the defendant’s conduct has created the need for rescue. See, e.g., Tubbs v. Argus, 225 N.E.2d 841, 842-43 (Ind. Ct. App. 1967) (explaining the no-duty-to-rescue rule and its exceptions).

\textsuperscript{195} See generally James A. Henderson, Jr., *Process Constraints in Tort*, 67 CORNELL L. REV. 901, 901-02 (1982) (arguing that since tort law guides behavior, the restraints it imposes explain much of its substantive content).

\textsuperscript{196} See Metro-N. Commuter R.R. Co. v. Buckley, 521 U.S. 424, 439 (1997) (referring to medical monitoring costs as “a separate negligently caused economic ‘injury’”).
recoveries as being merely remedial in nature.  

D. Suggestions Regarding Why Courts in Twenty Jurisdictions Have Recognized Medical Monitoring Claims

To the extent that the preceding analysis may persuade objective readers that the West Virginia Supreme Court and approximately twenty other jurisdictions have erred in recognizing these causes of action, it is interesting to speculate why this is happening. Part of the answer lies in the earlier discussion of the superficial attractiveness of these claims. But one might have expected that courts would have penetrated beyond the surface of first impressions. American courts have resisted similar temptations in other areas—the rejection of exposure-based claims for mental anguish is a good example. Acknowledging the speculative nature of these musings, the authors suggest that a combination of exogenous factors (factors outside traditional legal precedents and recognized policy objectives) may have combined to help persuade a surprising number of courts to allow recovery for preinjury medical monitoring. We begin with the popular culture surrounding and presumably influencing judicial behavior. Our modern world, quite literally, is full of risks of invidious disease from exposure to a host of toxic substances. Culturally, our tendency is to seize upon a relatively few, often relatively minor risks from among the many that exist and focus our collective energies on "solving" those problems. One such risk is the increased risk of cancer from certain selected contaminants in our living and working environments. Make no mistake—the risk of contracting cancer in America today is certainly not "minor." But much of that risk is not related to contaminants in the environment; and of that part of the cancer risk that is so related, a substantial portion can fairly be described as "background" levels of contaminants that have nothing directly to do with the discharge or distribution of potentially harmful substances by toxic tort

197. See supra notes 141, 148, 158 and accompanying text.
198. See supra notes 138-45, 165-71, and accompanying text.
199. See supra Part V.A.
200. See supra notes 62-113 and accompanying text.
201. See supra note 181 and accompanying text.
202. See generally Timur Kuran & Cass R. Sunstein, Availability Cascades and Risk Regulation, 51 STAN. L. REV. 683, 685 (1999). The authors define "availability cascades" as self-reinforcing processes of collective belief formation by which expressed perceptions trigger massive chain reactions that give those perceptions increasing plausibility. Id. Once started, these cascades of perceptions can escalate rapidly to dominate the attention of the media. Id. at 685-87. These cascades can be helpful but they can also prompt regulators, including courts, to implement socially harmful responses. Id. at 685.
204. See David Rosenberg, The Causal Connection in Mass Exposure Cases: A 'Public Law' Vision of the Tort System, 97 HARV. L. REV. 849, 855-56 (1984)(citing epidemiological studies indicating that disease is caused both by specific substances as well as "background risk"). Professor Rosenberg notes that researches have even associated mesothelioma, which had been "linked exclusively to asbestos exposure, with exposure to other sources." Id. at 856 n.31.
One approach to achieving solutions to the toxic tort problem is to promote ambitious, post-hoc ameliorative programs of some type, including aggressive medical surveillance, to "heal the wounds." The authors suspect, but obviously cannot prove, that courts have been encouraged by these cultural biases to allow medical monitoring recoveries. Moreover, the fact that so many of these toxic exposure cases have environmental implications—carcinogens such as asbestos, for example, are seen to pollute the natural environment—invokes the sizeable and presumably influential apparatus of the environmental movement. The authors suspect that some of the judges who approve of court-mandated medical surveillance may be attracted by the prospect of enlisting the deterrent potential of tort law in wider efforts aimed at cleaning up the environment. More generally, academic tort law commentators—especially authors of student notes—have traditionally tended to applaud judicial innovations aimed at increasing the liabilities of corporate defendants perceived to be harming helpless plaintiffs.

We submit that at least some of the judges who have recognized the rights of plaintiffs to insist on medical surveillance regimes of dubious personal and social value may have been encouraged by cheerleaders—environmentalists and legal academics—registering their enthusiastic approval from the sidelines.

And finally, it should be noted that these medical monitoring claims are an important component in the evolving phenomena commonly referred to as "mass torts" and "toxic tort litigation." Members of the plaintiffs’ bar have an obvious and enormous financial stake in these proceedings; they are almost certainly the major beneficiaries of the successes enjoyed thus far. Significantly these medical monitoring claims may turn out to be uniquely suited to class action treatment. In general, courts have been hostile toward nationwide class certification in cases involving classic tort claims for monetary damages flowing from physical injuries. In contrast, court-ordered programs designed to provide claimants with

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205. See generally McCarter, supra note 146, at 245-46 & nn.102-104.

206. A proponent of recovery in these cases concludes her analysis by observing that "[r]ecognition [of medical monitoring claims] by all courts would go a long way toward healing the wounds inflicted when individuals are unwittingly exposed to toxic substances." See Blumenberg, supra note 146, at 716.

207. See Kuran & Sunstein, supra note 202, at 758 (observing that courts may be influenced by the cultural pressures of collective concerns over risks and that courts “have a role to play in preventing excessive reactions to availability cascades”).

208. It is no coincidence that at least half of the proponents of recovery for medical monitoring have approached the subject from an environmental perspective. See, e.g., Blumenberg, supra note 146, at 661-62, 675-78.

209. See supra note 146. The authors cannot verify this observation empirically, and certainly intend no criticism of the authors. We opine from our experience that judicial innovation is, understandably, more intriguing to legal academics than are defenses of the status quo. We confess to being old-fashioned skeptical of innovation. See, e.g., James A. Henderson, Jr., Expanding the Negligence Concept: Retreat From the Rule of Law, 51 Ind. L.J. 467, 514-24 (1976).

210. See, e.g., Amchem Prods., Inc. v. Windsor, 521 U.S. 591, 629 (1997) (overturning certification of class consisting of individuals exposed to asbestos who had reached settlement with defendant). See generally Maskin et al., supra note 133, at 546 ("[I]t is clear that 23(b)(3) [class
nonmonetary relief, preferred by the academic proponents of medical monitoring, may be viewed as injunctive and equitable relief under Rule 23(b)(2) of the Federal Rules of Civil Procedure and similar state rules. And while courts have denied class certification in medical monitoring cases under Rule 23(b)(3), advocates favoring expansion of class action practice continue to insist that even medical monitoring claims seeking monetary recoveries are inherently susceptible to class treatment, essentially on the ground that factual variations among claimants and variations in applicable law are not so troubling here as in other areas of tort. The authors do not think it merely coincidental that the major thrust of the expansionary, prorecovery movement afoot in twenty American jurisdictions and widely applauded by legal commentators may also lend itself to being handled through the class action mechanism. Even if the cases recognizing claims for exposure-based medical surveillance to date have not necessarily involved class certification, judicial acceptance of the substantive aspects of these cases will very likely be aided and abetted in the future by the availability of procedural mechanisms with which to consider—and settle—massive numbers of claims in a single judicial proceeding.

VI. CONCLUSION

Asbestos litigation has been plagued by the willingness of some courts to front-load damages and allow recovery for "injuries" that in all likelihood will never eventuate. In the early days of asbestos litigation when the single-action rule still
held sway, the reason for front-loading damages was understandable. If plaintiffs were not able to recover for all ensuing harms when they first discovered some physical indication that they might contract an asbestos-related disease in the future, they might be barred if they actually developed such a disease in the future. The long latency period for asbestos diseases made it almost certain that statutes of limitations would bar them from bringing their fully matured causes of action. Now that the overwhelming majority of courts have held that the single action-rule does not apply to latent toxic tort cases, plaintiffs can wait to see whether they actually develop a serious asbestos-related injury in the future.

Not willing to wait on the morrow, plaintiffs have sought to convince courts that they should be compensated for present suffering. They have argued that even though they are asymptomatic, they are entitled to recover for mental distress arising from their present fear that they will develop future injury and that they are entitled to medical monitoring awards so that they can determine whether they will need to be treated for some disease that may develop in the future. The huge majority of claims made under both of the above theories have been made on behalf of plaintiffs who have been exposed to asbestos or have developed some minor changes in their lungs evidenced by pleural plaque or pleural thickening. The likelihood that these plaintiffs will develop a malignancy in the future is very remote. Recovery for mental distress for fear of such remote harms has no support in the case law recognizing the tort of negligent infliction of mental distress.

The medical monitoring claims are equally attenuated. To respond to such claims it is necessary to provide medical surveillance for all plaintiffs who have only a slight increase in risk of developing malignancies in the future. The specter of a massive, never-ending que of claimants is very real. Moreover, as the massive number of uninjured claimants presenting anticipatory claims devours the defendants' resources, those defendants are forced into bankruptcy leaving nothing for those whose ills, whey they eventually manifest themselves, are not the least bit speculative. This problem has already pitted lawyers who represent the seriously injured against their cohorts who represent the unimpaired. The asbestos saga has been a tragic chapter in American social history. It need not have become a tragic chapter in American jurisprudence. But it has and it will remain so unless courts put an end to the madness.