

In The Matter Of:

*Dorothy A. Gonda, etc. v.
HM Health Services, et al.*

*Mark J. Botham, M.D.
February 24, 1999*

*RENNILLO REPORTING SERVICES
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IN THE COURT OF COMMON PLEAS
OF MAHONING COUNTY, OHIO

DOROTHY A. GONDA,
Individually and As
Administratrix of the
Estate of David Paul Gonda,
Deceased

Plaintiff,

vs. Case No. 96CV2055

HM HEALTH SERVICES,
et al.,

Defendants.

Deposition of MARK J. BOTHAM, M.D., called
for examination under the statute, taken before me,
Terry D. Gimmellie, a Registered Professional Reporter
and Notary Public, within and for the State of Ohio,
pursuant to notice and stipulations, at the Mt. Sinai
Medical Center, Room 4340, Cleveland, Ohio
on Wednesday, February 24th, 1999 at 4:30 p.m.

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[1] On behalf of the Defendant Dr. Hafiz
and Youngstown Associates in Radiology, Inc.:

[2]

Harrington, Hoppe & Mitchell, LTD., by

[3] JAMES L. BLOMSTROM, ESQ.

1200 Mahoning Bank Building

[4] Youngstown, Ohio 44503

330-744-1111

[5]

[6] On behalf of the Defendants Dr. Cropp and
Dr. DeMarco:

[7]

GARY A. BANAS, ESQ.

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[24]

[25]

[1] APPEARANCES

[2] On behalf of the Plaintiff:

[3] DAVID W. MALIK, ESQ.

The May Valley Building

[4] 8228 Mayfield Road, Suite IV B

Chesterland, Ohio 44026

[5] 440-729-8260

[6] and

[7] MARK W. RUF, ESQ.

Hoyt Block Suite 300

[8] 700 West St. Clair Avenue

Cleveland, Ohio 44113-1230

[9] 216-687-1999

[10]

On behalf of the Defendant Juan Ruiz, M.D.:

[11]

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[12] THOMAS J. TRAVERS, ESQ.

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[15]

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[1] MARK J. BOTHAM, M.D., of lawful age,
[2] called for examination, as provided by the
[3] Rules of Civil Procedure, being by me first duly
[4] sworn, as hereinafter certified, deposed and said
[5] as follows:

[6] EXAMINATION OF MARK J. BOTHAM, M.D.

[7] BY MR. BLOMSTROM:

[8] Q: Good afternoon.

[9] A: Good afternoon.

[10] Q: I'm Jim Blornstrom. I represent

[11] Dr. Hafiz, radiologist in this case, along

[12] with Youngstown Associates in Radiology.

[13] I'll be asking you a number of questions.

[14] If there are any among them that you don't

[15] understand, I'll be happy to eliminate

[16] whatever the problem is. Just speak up; will

[17] you do that?

[18] A: Yes, I will.

[19] Q: Can you tell me how you became involved

[20] in this case.

[21] A: I was asked by Mr. Malik if I would

[22] review some hospital records to see if there

[23] was anything within the records that suggested

[24] a deviation from the standard of care.

[25] Q: Had you worked with Mr. Malik and other

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<p style="text-align: right;">Page 5</p> <p>[1] cases?</p> <p>[2] A: No, I had not.</p> <p>[3] Q: Do you know how he got your name?</p> <p>[4] A: I have actually known Mr. Malik for some</p> <p>[5] time. I operated on his father a number of</p> <p>[6] years ago and met him at that time.</p> <p>[7] Q: Are you social friends?</p> <p>[8] A: No, I'm not.</p> <p>[9] Q: You have issued two reports; is that</p> <p>[10] correct?</p> <p>[11] A: That's correct.</p> <p>[12] Q: There is one dated July of some</p> <p>[13] identifiable year. What year was that?</p> <p>[14] A: This probably would have been July of</p> <p>[15] '98.</p> <p>[16] Q: Can you tell me what led to the issuance</p> <p>[17] of a second report then, the one dated</p> <p>[18] November 25, 1998?</p> <p>[19] A: There were records that were sent to me</p> <p>[20] that I had previously not had a chance to look</p> <p>[21] at which included some studies that were done</p> <p>[22] that I was unaware had been done at the</p> <p>[23] initial review; primarily that being the</p> <p>[24] pericardial ultrasound.</p> <p>[25] Q: Before you issued the November 25, 1998</p>	<p style="text-align: right;">Page 7</p> <p>[1] the deposition of a thrombus in the ventricle</p> <p>[2] which then embolized to the lungs.</p> <p>[3] Q: Have you asked for any information or</p> <p>[4] records which you haven't been given?</p> <p>[5] A: No, I have not.</p> <p>[6] Q: Do you have any radiology training or</p> <p>[7] experience?</p> <p>[8] A: I have no formal radiologic training.</p> <p>[9] But in the last 20 years of practicing as a</p> <p>[10] physician, I routinely review chest X-rays on</p> <p>[11] a regular basis as a part of my practice of</p> <p>[12] cardiothoracic surgeon.</p> <p>[13] Q: Do you perform or interpret ultrasound?</p> <p>[14] A: I do not perform ultrasounds. I</p> <p>[15] interpret cardiac echocardiograms to assess</p> <p>[16] whether or not I need a new valve to repair</p> <p>[17] the ventricle and that sort of thing.</p> <p>[18] Q: Are you referring to 2-D or</p> <p>[19] transesophageal cardiograms or both?</p> <p>[20] A: Both.</p> <p>[21] Q: In the community in which you practice,</p> <p>[22] are 2-D echoes interpreted mostly by</p> <p>[23] cardiologists?</p> <p>[24] A: Solely by cardiologist.</p> <p>[25] Q: Can you tell me what you understand</p>
<p style="text-align: right;">Page 6</p> <p>[1] report, did you review Dr. Ruiz's deposition</p> <p>[2] of October 23, 1998, or did you even have it</p> <p>[3] at that point?</p> <p>[4] A: I did not have it at that time.</p> <p>[5] Q: Have you reviewed it since?</p> <p>[6] A: Dr. Hafiz's deposition.</p> <p>[7] Q: Dr. Ruiz.</p> <p>[8] A: Dr. Ruia, yes, I have.</p> <p>[9] Q: In issuing your reports, were you asked</p> <p>[10] to make any assumptions concerning the cause</p> <p>[11] of David Gonda's death?</p> <p>[12] A: Assumptions, no.</p> <p>[13] Q: Do you have an opinion as to the cause of</p> <p>[14] his death?</p> <p>[15] A: Yes, I do.</p> <p>[16] Q: What is your opinion as to the cause of</p> <p>[17] his death?</p> <p>[18] A: Cause of his death was directly</p> <p>[19] attributable to multiple pulmonary emboli with</p> <p>[21] Q: As far as the cause of the emboli, what</p> <p>[22] is your opinion, if you have one?</p> <p>[23] A: I think the emboli originated from the</p>	<p style="text-align: right;">Page 8</p> <p>[1] Dr. Ruia's training and experience to be?</p> <p>[2] A: You are going to have to be more specific</p> <p>[3] with the question in terms of training in</p> <p>[4] what.</p> <p>[5] Q: After Dr. Ruia received his medical</p> <p>[6] degree, what is your understanding of the</p> <p>[7] residency and fellowships that he took?</p> <p>[8] A: I'm not exactly sure what his background</p> <p>[9] is. I have never seen a curriculum vitae of</p> <p>[10] his.</p> <p>[11] Q: So you at least, until now, were unaware</p> <p>[12] that he served a cardiology fellowship?</p> <p>[13] A: I was not aware that he did a cardiology</p> <p>[14] fellowship, no.</p> <p>[15] Q: Do you have a copy of Dr. Ruiz's</p> <p>[16] February 13, 1998 deposition handy?</p> <p>[17] I know you have a mass of material here.</p> <p>[18] I'm sure you haven't read it all.</p> <p>[19] A: I'm sure within that.</p> <p>[21] A: The date on that again is?</p> <p>[22] Q: February 13th, 1998.</p> <p>[23] A: I do have one.</p>

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[1] questions and answers so I know when I read
[2] this later on, that it referred to this
[3] deposition.
[4] Beginning at page 9, line 10:
[5] "Question: Did you do an internship and
[6] residency?
[7] "Answer: Yes, sir.
[8] "Question: Where did you do your
[9] internship?
[10] "Answer: In one year at Dominican
[11] Republic. When I came to Youngstown, I had
[12] one year of internship at the Youngstown
[13] Hospital Association?
[14] "Question: What was your residency in?
[15] "Answer: In internal medicine. I spent
[16] two years at Youngstown Hospital Association,
[17] and my final year at St. Elizabeth Hospital.
[18] "Question: Did you do any fellowships?
[19] "Answer: Yes, sir. I had a year of
[20] fellowship in cardiology from the Heart
[21] Association at St. Elizabeth Hospital and also
[22] had a fellowship in cardiology at St. Vincent
[23] Charity Hospital in Cleveland. And the
[24] fellowship in intravascular diseases at the
[25] Cleveland Clinic."

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[1] Then there is some discussion on the next
[2] page between the lawyers. And then skip down
[3] to line 8.
[4] "Question: Could you please repeat the
[5] fellowships. I'm sorry I didn't catch all of
[6] them because we were interrupted.
[7] "Answer: Okay, I had one year of
[8] fellowship from the American Heart Association
[9] in cardiology at St. Elizabeth Hospital in
[10] Youngstown, Ohio. And another year following
[11] that at St. Vincent Charity Hospital at
[12] Cleveland under Henry Zimmerman. And
[13] following that, one year of peripheral
[14] vascular diseases at the Cleveland Clinic
[15] under Victor D. Wolfe."
[16] You are now aware of his experience,
[17] correct?
[18] A: Yes.
[19] Q: With reference to the pericardial
[20] ultrasound, can you describe for me how
[21] Dr. Ruiz said that developed in his October
[22] 23, 1998 deposition?
[23] A: I'm sorry. You will have to be more
[24] clear with the question.
[25] Q: Dr. Ruiz was deposed again?

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[1] A: Yes.
[2] Q: On October 23rd, 1998. And, of course,
[3] you already indicated that you did not have
[4] that transcript at the time of your November
[5] 25, 1998 report.
[6] A: That's correct.
[7] Q: Rather than me just asking that, we will
[8] do the same exercise here. Let's turn to his
[9] October 23, 1998 deposition.
[10] A: I think it's in here actually.
[11] Q: Turn to Page 24.
[12] We will begin with line 1.
[13] "Question: Okay. That's fine. So then
[14] the type of study done by Dr. Hafiz is not for
[15] the purpose of determining the etiology of any
[16] cardiac condition, correct?
[17] "Answer: That's correct.
[18] "Question: Okay. And had you wanted to
[19] know the etiology of a cardiac condition, you
[20] would have sent the patient for a
[21] two-dimensional ultrasound, correct?
[22] "Answer: Had I been looking for that,
[23] that would have been the next step.
[24] "Question: Okay.
[25] "Answer: Yes."

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[1] Then we will turn to page 29. Again,
[2] begin with line 1.
[3] "Question: I stand corrected. Is it a
[4] fair statement to say that by ordering the
[5] ultrasound study of the pericardium, that you
[6] limited your diagnostic capabilities only to
[7] the pericardium and did not include the rest
[8] of the heart?
[9] "Answer: I was only checking for the
[10] pericardium.
[11] "Question: So the answer to that would
[12] be yes?
[13] "Answer: That's yes.
[14] "Question: Okay. By performing this
[15] limited ultrasound, we then avoided or you
[16] avoided accessing a cardiac condition as the
[17] etiology for Mr. Gonda's symptoms, correct?"
[18] And there is some discussion among the
[19] attorneys.
[20] "Answer: I don't understand the
[21] question.
[22] "Question: Well, I'll read it to you
[23] slowly. By performing the limited ultrasound,
[24] you avoided accessing a cardiac condition as
[25] the etiology for David Gonda's symptoms?

<p style="text-align: right;">Page 13</p> <p>[1] "Answer:No, sir,I was looking for one [2] particular thing, and I got my answer. [3] "Question:Okay.But you didn't get [4] your answer with respect to anything else in [5] the heart? [6] "Answer:I wasn't looking for anything [7] else in the heart.Just that." [8] Skip down to line 17.Question on [9] page 31. [10] "Question:Okay. But you were not [11] looking for problems with the internal [12] structure of the heart? [13] "Answer:I was not. [14] "Question:And you did not ask Dr. Hafiz [15] to look at the internal structures of the [16] heart such as the ventricle or atrium? [17] "Answer:No, sir." [18] Are you aware now of how the pericardial [19] ultrasound came to be in existence? [20] A: Well,I assume that Dr. Ruiz asked [21] Dr. Hafiz to perform it. If that's how the [22] study was done. I'm not aware there was [23] documentation completed or what the results [24] were. [25] Q: Well, there is documentation in the sense</p>	<p style="text-align: right;">Page 15</p> <p>[1] office which is in the Hitchcock Office [2] Complex in Boardman, Ohio and that thereafter [3] Dr. Ruiz sent Mr. Gonda to Hitchcock X-ray [4] which is across the parking lot for a chest [5] X-ray with a wet read. [6] Both Dr. Ruiz and Dr. Hafiz assume that [7] when Dr. Hafiz called Dr. Ruiz with the wet [8] read of the chest X-ray that Dr. Ruiz then [9] asked him to do a pericardial ultrasound on [10] the patient who was then in Dr. Hafiz's [11] office. [12] With your understanding now of Dr. Ruiz's [13] background, with your understanding that [14] Dr. Ruiz had knowledge of how to get more [15] information, if he wanted, and with that [16] assumption as to how the pericardial [17] ultrasound came into existence, are you still [18] critical of my client? [19] A: I think I'm even more critical that he [20] now has a background and should realistically [21] have understood that from a pathophysiologic [22] standpoint, to evaluate just the surface of [23] the underlying cardiac structure is probably [24] an incomplete study. [25] Q: Who are you more critical of? I have</p>
<p style="text-align: right;">Page 14</p> <p>[1] that the report indicated that the pericardial [2] ultrasound was done and that it was negative, [3] and that's in Dr. Ruiz's records? [4] A: As I'm aware, there is no tape or hard [5] copy. [6] Q: That's correct. [7] Now, for what purpose would Mr. Gonda [8] need more of an ultrasound than he received? [9] A: To have the appropriate evaluation [10] performed so that you can assess that which is [11] within the pericardium. The visceral [12] pericardium, the parietal pericardium and all [13] of the cardiac structure. There is no purpose [14] to evaluate one portion. It's like looking at [15] a car and examining only one wheel. It [16] doesn't tell you very much about the car. [17] Q: Are you aware that in the Youngstown [18] area, as apparently in the Cleveland area, 2-D [19] echocardiograms and transesophageal [20] cardiograms are interpreted only by [21] cardiologists? [22] A: I think that's standard across the [23] country. [24] Q: I would like you to assume that on [25] June 27th, 1995, Mr. Gonda visited Dr. Ruiz's</p>	<p style="text-align: right;">Page 16</p> <p>[1] Dr. Hafiz, the radiologist? [2] A: I'm more critical of Dr. Ruiz for not [3] ordering the appropriate study. [4] Q: Since I am concerned with Dr. Hafiz and [5] the corporation that employs him, with these [6] understandings, do you remain critical of [7] Dr. Hafiz and Youngstown Associates? [8] A: I remain critical of Dr. Hafiz for not [9] pointing out to Dr. Ruiz that the study that [10] he performed is not an acceptable study to [11] evaluate a patient with the potential problem [12] related to either the cardiac structure or a [13] pericardial structure. [14] He should have the radiologic fund of [15] knowledge to understand that that is a limited [16] study that doesn't give him the full [17] assessment of the structures that he needs to [18] make a clinical diagnosis. [19] Q: So you are suggesting that Dr. Hafiz has [20] to tell Dr. Ruiz, the fellow who has had two [21] years of fellowship training in cardiology, [22] that if he wants to visualize the internal [23] structures of the heart, he has to get [24] something other than what he ordered? [25] A: That is correct.</p>

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[1] Q: You don't think he knows that?
[2] A: Well, obviously —
[3] MR. MALIK: Objection.
[4] A: Obviously he did not. He did not order
[5] the appropriate study. I very frequently get
[6] notification from the radiologist, who
[7] evaluated a patient of mine, and does a study
[8] that I request, and if they do not feel that
[9] the study that they performed is adequate to
[10] completely assess the patient, they will then
[11] ask me to perhaps perform an additive study,
[12] or to modify the study that I have requested.

[13] It's a routine consultation that we
[14] obtain with a radiologist. It's done very
[15] frequently.

[16] BY MR. BLOMSTRQM:

[17] Q: Well, let's go back and explore a little
[18] bit your understanding of the standard of care
[19] of a radiologist in these circumstances and
[20] where you get that information.

[21] You have never done an ultrasound,
[22] correct?

[23] A: That is correct.

[24] Q: You have never interpreted a plain
[25] ultrasound, correct?

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[1] A: I have never interpreted an ultrasound to
[2] be written as a report. I routinely look at
[3] ultrasounds in evaluating my patients.

[4] Q: You haven't worked in a free-standing
[5] radiology office as Dr. Hafiz has?

[6] A: That is correct.

[7] Q: And the basis that you claim familiarity
[8] with the standard of care of a radiologist
[9] under the circumstances of a radiologist
[10] working in a free-standing radiology office
[11] like Dr. Hafiz is what?

[12] A: Is that he should have the basic fund of
[13] knowledge to understand that a limited
[14] pericardial ultrasound is an inappropriate
[15] test to perform, number one.

[16] Q: For what purpose?

[17] A: For any purpose. And number two, that to
[18] evaluate a patient who may or may not have a
[19] pericardial problem, be a more complete study
[20] to perform a complete evaluation which would
[21] detail the two-dimensional echocardiography.

[22] Q: You are aware that could not be performed
[23] in Dr. Hafiz office?

[24] A: That is irrelevant. If you feel the
[25] study should be performed, regardless of where

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[1] it could be performed, or what time it should
[2] be performed, the study should be performed

[3] Q: You are not suggesting that Dr. Hafiz
[4] should have ordered that study, are you?

[5] A: The study should have been ordered by the
[6] clinician. That is Dr. Ruiz.

[7] Q: What you are saying is Dr. Hafiz should
[8] have told Dr. Ruiz you need to order another
[9] study, right?

[10] A: He should have told him two things.
[11] Number one, that the study that he performed,
[12] the pericardial ultrasound, is an
[13] inappropriate study. That's the first thing
[14] he should have told him.

[15] Number two, that the study that he should
[16] have performed to evaluate this patient should
[17] have been a two-dimensional echocardiography.

[18] Q: Are there any other matters which you
[19] claim fall below the standard of care for
[20] Dr. Hafiz?

[21] A: No.

[22] Q: Does the standard of care require that a
[23] physician do a vane act?

[24] A: I'm sorry?

[25] Q: Does the standard of care require that a

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[1] physician do a vane act?

[2] MR. RUF: Objection.

[3] MR. BANAS: I will sustain that
[4] one. You don't have to answer that.

[5] BY MR. BLOMSTROM:

[6] Q: Yes, you do.

[7] A: Why don't you tell me what a vane act is.

[8] Q: Well, in this particular case, a vane act
[9] would be telling Dr. Ruiz, who demonstrated in
[10] his deposition that he knows what the 2-D echo
[11] does what a 2-D echo does.

[12] MR. MALIK: Objection.

[13] BY MR. BLOMSTRQM:

[14] Q: Telling him what he already knows. Sort
[15] of like placing a warning on the top step of a
[16] stepladder, don't step higher.

[17] A: I routinely have conversations and
[18] consultations with cardiac surgeons that I
[19] work with, and we frequently discuss matters
[20] that we know each other are fully aware of.
[21] Reinforcement, reeducation and sometimes a
[22] little bit of collegian interaction reinforces
[23] those things so we learn and educate
[24] ourselves.

[25] It's a standard way to speak among

<p style="text-align: right;">Page 21</p> <p>[1] colleagues. I would think, at the least, that</p> <p>[2] would have been something that he would have</p> <p>[3] done.</p> <p>[4] MR. MALIK: Objection.</p> <p>[5] THE WITNESS: That's how you</p> <p>[6] educate yourself in medicine.</p> <p>[7] BY MR. BLOMSTROM:</p> <p>[8] Q: Would the type of ultrasound that</p> <p>[9] Dr. Hafiz did be able to show an unusual</p> <p>[10] amount of fluid in the pericardium?</p> <p>[11] A: It may or may not depending upon the</p> <p>[12] technician's ability to appropriately conduct</p> <p>[13] a study and the radiologist to aptly read the</p> <p>[14] study.</p> <p>[15] Q: And you are giving us that opinion based</p> <p>[16] on what experience or training?</p> <p>[17] A: It's not experience. I mean the fact of</p> <p>[18] the matter is, if somebody knows how to do the</p> <p>[19] study, and a person who is reading it knows</p> <p>[20] how to read it has experience reading it, then</p> <p>[21] those two things will result in a study that</p> <p>[22] will be able to evaluate whether or not there</p> <p>[23] is fluid.</p> <p>[24] If the technician can't do the</p> <p>[25] appropriate study, then the physician reading</p>	<p style="text-align: right;">Page 23</p> <p>[1] X-ray, or the pericardial ultrasounds, were</p> <p>[2] inappropriately interpreted by Dr. Hafiz on</p> <p>[3] June 27th, 1995?</p> <p>[4] A: I don't know that any statement can be</p> <p>[5] rendered regarding the chest X-ray. I have</p> <p>[6] neither seen that. I have seen the reports.</p> <p>[7] But the pericardial ultrasound, I think, is</p> <p>[8] probably a different issue.</p> <p>[9] Q: Well, then, are you saying that the</p> <p>[10] pericardial ultrasounds should have been</p> <p>[11] interpreted to show a pericardial effusion?</p> <p>[12] A: No. Again, I have said I have not seen</p> <p>[13] the hard copy of the ultrasound, so I don't</p> <p>[14] know whether there was fluid there or not.</p> <p>[15] Without actually looking at it, I can't tell</p> <p>[16] you that.</p> <p>[17] And all I can tell you is that a report</p> <p>[18] was issued that stipulated that there was no</p> <p>[19] identifiable fluid in the pericardium. That</p> <p>[20] doesn't mean there was wasn't fluid in there.</p> <p>[21] That meant the interpretation that</p> <p>[22] Dr. Hafiz made of the study obtained did not</p> <p>[23] indicate to him that there was fluid. But</p> <p>[24] that doesn't tell you that the study was</p> <p>[25] performed completely and correctly.</p>
<p style="text-align: right;">Page 22</p> <p>[1] it can't give you appropriate assessment.</p> <p>[2] If the technician can do the study, but</p> <p>[3] the physician doesn't know how to read it, you</p> <p>[4] can't get a study. You have to have both</p> <p>[5] things function effectively to get appropriate</p> <p>[6] study.</p> <p>[7] Q: Do you have an opinion to a reasonable</p> <p>[8] degree of medical certainty as to whether</p> <p>[9] there was a pericardial effusion on June 27th,</p> <p>[10] 1995?</p> <p>[11] A: I would be able to render that opinion if</p> <p>[12] I were able to see a hard copy of the study,</p> <p>[13] either a tape or a picture that delineated</p> <p>[14] whether or not the study had been performed</p> <p>[15] appropriately.</p> <p>[16] And in that instance, I would be able to</p> <p>[17] tell you whether or not there is a pericardial</p> <p>[18] effusion.</p> <p>[19] Q: Well, my question is, can you now?</p> <p>[20] A: I can't. I don't have those studies</p> <p>[21] available.</p> <p>[22] MR. MALIK: Objection.</p> <p>[23] BY MR. BLOMSTROM:</p> <p>[24] Q: Is it fair to say then that you will not</p> <p>[25] express any opinions that either the chest</p>	<p style="text-align: right;">Page 24</p> <p>[1] Without actually looking at the study, I</p> <p>[2] can't tell you that.</p> <p>[3] Q: You can also not tell me that it was</p> <p>[4] performed incorrectly?</p> <p>[5] A: Without seeing the study, I can't tell</p> <p>[6] you whether it was done correctly or</p> <p>[7] incorrectly.</p> <p>[8] Q: Would you admit that a radiologist is in</p> <p>[9] a better position than you to evaluate whether</p> <p>[10] or not Dr. Hafiz met the accepted standard of</p> <p>[11] care for a radiologist?</p> <p>[12] A: No, I do not feel a radiologist would be</p> <p>[13] better off at that.</p> <p>[14] Q: Was there any change in Mr. Gonda's</p> <p>[15] condition between June 27, 1995 and the date</p> <p>[16] of his death?</p> <p>[17] A: There was a progression in his disease</p> <p>[18] process.</p> <p>[19] Q: Will you describe the change in his</p> <p>[20] condition over that period of time?</p> <p>[21] MR. MALIK: Objection. As to</p> <p>[22] what?</p> <p>[23] A: It's an extremely broad question. It has</p> <p>[24] to be more focused.</p> <p>[25] BY MR. BLOMSTROM:</p>

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[1] Q: Fine. Please describe the change in the
[2] condition of Mr. Gonda's heart between
[3] June 27th, 1995 and August 18th, 1995?

[4] **MR. MALIK:** Objection. Based
[5] on?

[6] **A:** I think had the April echocardiographic
[7] evaluations were performed in June, we would
[8] have had an echocardiography that we could
[9] have compared it to that we eventually ended
[10] up getting and determined exactly if there was
[11] a change.

[12] **Q:** Am I to interpret that to mean you have
[13] no opinion as to how his heart condition
[14] changed?

[15] **A:** What I'm telling is a fact of substance.
[16] I don't have a documented study that I can
[17] compare the echocardiography to that which was
[18] eventually obtained that tells me that there
[19] was even a change at all.

[20] There may well have been the exact same
[21] problem present in June. In fact, in all
[22] probability, the same problem probably was
[23] present back in June.

[24] **Q:** Do you believe that on June 27th, 1995,
[25] the condition of David Gonda's heart was

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[1] an echocardiography that should have been
[2] performed in June to compare it to the one
[3] that was eventually performed.

[4] My response to your question is from a
[5] clinical and pathophysiologic standpoint.

[6] The presence of the disease was there in
[7] June and progressed through to a point of his
[8] demise.

[9] **Q:** Can you describe for me whether you had
[10] any personal experiences with the medical or
[11] surgical treatment of endomyocardial fibrosis?

[12] **A:** I have not.

[13] **Q:** Have you done any research in the medical
[14] literature for purposes of your review of this
[15] matter?

[16] **A:** I have read textbook entries, and there
[17] are remote journal descriptions of
[18] endomyocardial fibrosis.

[19] **Q:** Based upon your understanding of the
[20] natural history of the disease process itself,
[21] do you have an opinion as to the extent and
[22] severity of the endomyocardial fibrosis of
[23] Mr. Gonda's heart as of the end of June, 1995?

[24] **MR. MALIK:** Objection.

[25] **A:** I think it probably was in early stages

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[1] substantially the same as it was on the date
[2] of his death?

[3] **MR. MALIK:** Objection.

[4] **A:** I believe that the same disease process
[5] that eventually resulted in his demise was
[6] present and active in June similar to as it
[7] was in August.

[8] **BY MR. BLOMSTROM:**

[9] **Q:** Was the extent and severity of the
[10] process substantially the same?

[11] **A:** There is no way to assess that because we
[12] don't have the echocardiography from June to
[13] compare the latter echocardiography to.

[14] From a clinical standpoint, a
[15] pathophysiologic standpoint, the answer to
[16] that question is the disease process was
[17] clearly present in June, continued throughout
[18] and eventually progressed to the point where
[19] he ended up dying from pulmonary emboli
[20] originating from within the heart.

[21] **Q:** Actually, that's not in answer to the
[22] question. Because the question was directly
[23] to the extent and severity of the process.

[24] **A:** I have already answered that question. I
[25] told you, you can't assess that without having

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[1] in only one ventricle rather than both.

[2] **BY MR. BLOMSTROM:**

[3] **Q:** Is it your understanding that as of the
[4] date of his death, the endomyocardial fibrosis
[5] then involved both of Mr. Gonda's ventricles?

[6] **A:** Just the right ventricle.

[7] **Q:** So it was the endomyocardial fibrosis as
[8] of the date of his death at an early stage or
[9] a late stage?

[10] **A:** An early stage.

[11] **Q:** Was there a difference in the condition
[12] of Mr. Gonda's lungs as of June 27, 1995 and
[13] the date of his death?

[14] **MR. MALIK:** Objection.

[15] **A:** There is no question about that.

[16] **Q:** Will you describe for me the change in
[17] the condition of his lungs over that period of
[18] time?

[19] **MR. MALIK:** Objection.

[20] **A:** He had further pulmonary emboli that
[21] became more progressive, obstructive to his
[22] pulmonary vasculature, and he eventually
[23] succumbed to probably mass pulmonary embolus
[24] resulting in hemoptysis and asphyxiation.

[25] **Q:** As of May or June of 1995, what

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[1] complaints did Mr. Gonda have referable to his
[2] lungs?
[3] **MR. MALIK:** Objection. Are you
[4] referring to a specific document?
[5] **MR. BLOMSTROM:** No. I'm asking him
[6] to give me an answer to that question.
[7] **MR. MALIK:** Based on what?
[8] **A:** I didn't see the patient at that time.
[9] Is there a specific document that you want me
[10] to refer to?
[11] **Q:** What record have you reviewed?
[12] **A:** I have reviewed the medical records of
[13] Dr. Ruiz, Dr. Adornato, Dr. Cropp, Dr. Hafiz's
[14] documents.
[15] Those are the primary people who's
[16] records that I reviewed that were involved in
[17] his clinical care prior to his presentation to
[18] St. Elizabeth.
[19] **Q:** As of the middle of June of 1995, what
[20] complaint did Mr. Gonda have referable to his
[21] lungs based on those records?
[22] **MR. MALIK:** Objection.
[23] **A:** Well, I think that you have to look at
[24] him from a clinical standpoint. I did not get
[25] the opportunity to do that and evaluate him to

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[1] see, if, indeed, the complaints that he had
[2] were specifically directed toward his lung or
[3] to some other organ system.
[4] **Q:** Are there any complaints that he had as
[5] of the middle of June of 1995 that you believe
[6] are referable to his lungs?
[7] **MR. MALIK:** Objection.
[8] **A:** Well, I think any generalized complaint
[9] of feeling ill and having fever and
[10] generalized malaise are something that you
[11] have to evaluate their lungs for and assess
[12] them to make sure the underlying problem
[13] resulting in that clinical constellation of
[14] symptoms is not originating from a pulmonary
[15] pathogenic process.
[16] **Q:** Is it your opinion that Mr. Gonda did not
[17] have infective bacterial endocarditis?
[18] **A:** I do not feel that he had bacterial
[19] endocarditis.
[20] **Q:** If a patient was admitted by a regular
[21] internist and it was determined that that
[22] patient had endomyocardial fibrosis —
[23] **A:** Let me interrupt for one second.
[24] (Discussion off the record.)
[25] **BY MR. BLOMSTROM:**

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[1] **Q:** I will restate the question.
[2] If a patient now was admitted to
[3] Mt. Sinai under the care of an internist and
[4] it was determined that that patient had
[5] endomyocardial fibrosis, would you accept a
[6] consultation for that patient, or would you
[7] suggest that the patient be referred
[8] elsewhere?
[9] **A:** No, I would accept a consultation.
[10] **Q:** Would you actually perform any surgery on
[11] that patient?
[12] **A:** It would depend upon the clinical
[13] condition of the patient and the nature of the
[14] fibrosis.
[15] **Q:** Have you ever performed surgery on an
[16] endomyocardial fibrosis patient?
[17] **A:** I participated in a cardiac transplant
[18] when I was a resident at the University of
[19] Michigan in end-stage myocardial fibrosis
[20] patients; never done stripping, valve
[21] replacement, or valve repair.
[22] **Q:** Would you venture to perform all of those
[23] surgeries or just a transplant?
[24] **A:** No. I think you have to base the type of
[25] surgery upon the clinical picture that you're

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[1] addressed with A, in terms of their clinical
[2] presentation.
[3] And B, the terms of the degree of
[4] involvement with the heart with the
[5] endomyocardial fibrosis.
[6] There are various degrees in which the
[7] heart can be involved. Some of which mandate
[8] more vigorous types of therapy than others.
[9] **Q:** Would you manage the case at that point?
[10] **A:** If it required surgical intervention,
[11] yes. If it required medical intervention, no.
[12]
[13] (Thereupon, Defendant's Deposition
[14] Exhibit A was marked for purposes of
[15] identification.)
[16]
[17] **BY MR. BLOMSTROM:**
[18] **Q:** I'm handing you now what is marked as
[19] Defendant's Exhibit A. Would you identify
[20] this for me, please.
[21] **A:** This is a letter that I sent to Mr. Malik
[22] upon my initial review of the records of Mr.
[23] Gonda.
[24] **Q:** When did you send that to Mr. Malik?
[25] **A:** In July — this is not a year — I would

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<p>[1] suspect it is July of 1998.</p> <p>[2] Q: Do you have any idea why that particular</p> <p>[3] report was not produced until today?</p> <p>[4] MR. RUF: We were ordered to</p> <p>[5] produce a report. That's what we did. We</p> <p>[6] complied with the Court's order.</p> <p>[7] MR. BLOMSTROM: That's your</p> <p>[8] explanation.</p> <p>[9] MR. RUF: There was not an</p> <p>[10] order to produce all reports including drafts.</p> <p>[11] BY MR. BLOMSTROM:</p> <p>[12] Q: Do you agree that the substance of your</p> <p>[13] July report is not included within your</p> <p>[14] November 27, 1998 report that was produced in</p> <p>[15] this case?</p> <p>[16] A: I think that there is portions of it that</p> <p>[17] are included in the subsequent report.</p> <p>[18] The pathologic evaluation that's</p> <p>[19] indicated in the July report is not reiterated</p> <p>[20] in the subsequent report of November. That is</p> <p>[21] true.</p> <p>[22] Q: Let's return to this claimed deviation by</p> <p>[23] Dr. Hafiz.</p> <p>[24] Do you have any information upon which</p> <p>[25] you can venture an opinion that if Dr. Hafiz</p>	<p>[1] A: That is correct.</p> <p>[2] Q: Isn't it true that Dr. Ruiz was not</p> <p>[3] interested in visualizing the internal</p> <p>[4] chambers of the heart according to his</p> <p>[5] testimony?</p> <p>[6] A: According to his testimony, that is</p> <p>[7] correct.</p> <p>[8] From a pathophysiologic standpoint, he</p> <p>[9] was probably concerned that there was</p> <p>[10] something going on within the pericardial</p> <p>[11] space. Be it the pericardium, the space</p> <p>[12] between the pericardium and the heart, or the</p> <p>[13] heart itself. Otherwise, he would not have</p> <p>[14] ordered these tests.</p> <p>[15] The two are not separable from a</p> <p>[16] pathophysiologic standpoint. You cannot</p> <p>[17] separate the pericardium from the heart. They</p> <p>[18] are integral parts, and one behests the other.</p> <p>[19] A pathologic problem within the heart can</p> <p>[20] be reflected in the pericardium and vice</p> <p>[21] versa. You cannot separate the two.</p> <p>[22] Accordingly, when you do an evaluation,</p> <p>[23] you have to evaluate both.</p> <p>[24] Q: Did Dr. Hafiz do what Dr. Ruiz asked him</p> <p>[25] to do?</p>
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<p>[1] had told Dr. Ruiz during their telephone</p> <p>[2] conversation that he should order a 2-D echo,</p> <p>[3] that Dr. Ruiz would have ordered a 2-D echo?</p> <p>[4] A: I would have hoped that he would have</p> <p>[5] done so.</p> <p>[6] Q: Do you have any information upon which</p> <p>[7] you can express an opinion to a reasonable</p> <p>[8] degree of medical certainty that, in fact, he</p> <p>[9] would have ordered a 2-D echo under those</p> <p>[10] circumstances?</p> <p>[11] MR. RUF: Objection.</p> <p>[12] A: I think that's a decision that would have</p> <p>[13] had to have been made between Dr. Hafiz and</p> <p>[14] Dr. Ruiz.</p> <p>[15] I would certainly have hoped that any</p> <p>[16] clinician who is informed by a radiologist</p> <p>[17] that the study he was undertaking was</p> <p>[18] inappropriate.</p> <p>[19] And a more appropriate would have been a</p> <p>[20] two-dimensional echocardiography, would have</p> <p>[21] believed the consult, and ordered a</p> <p>[22] two-dimensional echocardiography.</p> <p>[23] Q: The two-dimensional echocardiography</p> <p>[24] would have shown the internal chambers of the</p> <p>[25] heart, correct?</p>	<p>[1] A: Yes, he did.</p> <p>[2] Q: Is it true that you cannot say one way or</p> <p>[3] another whether or not a 2-D echocardiogram</p> <p>[4] performed on June 27th or 28th, or a few days</p> <p>[5] thereafter, would have visualized fluid in the</p> <p>[6] pericardium?</p> <p>[7] A: If there was fluid present in the</p> <p>[8] pericardium, a 2-D echocardiography would have</p> <p>[9] visualized it.</p> <p>[10] Q: That begs the question, I guess —</p> <p>[11] Will you read the question back?</p> <p>[12] MR. MALIK Objection.</p> <p>[13] (Record read.)</p> <p>[14] A: We can go back to the same question that</p> <p>[15] was asked and answered before. I don't know</p> <p>[16] whether the study that was performed</p> <p>[17] originally was an appropriate study. I don't</p> <p>[18] know whether it was a complete study.</p> <p>[19] So I can't tell you whether there</p> <p>[20] was fluid in the pericardial space. I don't</p> <p>[21] have a hard copy to look at. I don't have a</p> <p>[22] study to evaluate; whether or not the study</p> <p>[23] was done appropriately or not.</p> <p>[24] Therefore, I can't make an</p> <p>[25] assumption that there was fluid in the</p>

[1] pericardium at the time the ultrasound was
[2] done.

[3] If, indeed there was fluid, a
[4] two-dimensional echocardiography would have
[5] identified that fluid.

[6] **BY MR. BLOMSTROM:**

[7] Q: But you have no opinion to a reasonable
[8] degree of medical certainty that there was
[9] fluid as of that period; is that correct?

[10] **MR. MALIK:** Objection.

[11] **A:** The only way that I can make a statement
[12] based upon factual basis, whether there was
[13] fluid in the pericardial space or not, is to
[14] see the study, see that it's a study that was
[15] completely done and correctly done so that it
[16] fully evaluated the pericardial space to
[17] assess whether there was fluid there or not.
[18] I don't have that available to review.

[19] Q: Based upon everything that you have
[20] reviewed so far in the case, can you say to a
[21] reasonable degree of medical certainty that
[22] there was fluid in the pericardial space on
[23] June 27th, 1995?

[24] **MR. MALIK:** Objection.

[25] **A:** The answer is identical. Without having

[1] the study to look at, I can't tell you whether
[2] the study was done appropriately.

[3] I cannot tell you, therefore, if there
[4] was or was not fluid that either was or was
[5] not identified.

[6] **BY MR. BLOMSTROM:**

[7] Q: You refer in your November 25, 1998
[8] report to a right ventricular wall motion
[9] abnormality.

[10] Can you tell me whether or not that wall
[11] motion abnormality was present on June 27th,
[12] 1995?

[13] **A:** From a clinical standpoint, I feel very
[14] strongly that it was there in June. That was
[15] the night for thrombus to form on the right
[16] ventricle which then resulted in pulmonary
[17] emboli which were manifested by this
[18] gentleman's symptoms.

[19] Q: Is a cough, what you ascribe to pulmonary
[20] emboli?

[21] **A:** The cough, the tachycardia, the fever and
[22] generalized malaise are all consistent with

[1] fever?

[2] **A:** I think we have the luxury of looking
[3] back retrospectively now and realizing that
[4] the pathophysiologic process that eventually
[5] resulted in his demise was clearly present at
[6] the time of his initial presentation.

[7] There is no reason to profess another
[8] cause for this whole constellation of

[13] antecedent then.

[14] Q: Can you tell me how often you review
[15] medical-legal matters?

[16] **A:** Relatively frequently.

[17] Q: Over the last 12 months, how many times?

[18] **A:** Seven or ten cases.

[19] Q: How long have you been reviewing cases?

[20] **A:** Thirteen years.

[21] Q: Over that period of time, do you know how
[22] many cases you have reviewed?

[23] **A:** Probably accelerated in the last five
[24] years. Probably close to 40 or 50.

[25] Q: Over the last four or five years, how

[1] many have you reviewed?

[4] Q: Will you describe the nature of your
[5] practice?

[6] **A:** I'm a cardiothoracic surgeon. My
[7] practice is at this hospital, University
[8] Hospital at St. Vincent Charity Hospital.

[9] Q: Is there a particular area of
[10] cardiothoracic surgery that makes up a large
[11] part of your practice?

[12] **A:** I think if I were to look at the number
[13] of operative procedures, an overwhelming
[14] percentage of those would be coronary artery
[15] bypass surgery.

[16] Q: You've been sent copies of many of the
[17] other experts' reports, correct?

[18] **A:** Yes.

[19] Q: Do you know any of them?

[20] **A:** I do know Hadley Morganstern Cleron.

[21] Q: How do you know him?

[22] **A:** From my interactions with University

[24] Q: Do you know Dr. Rovner?

[1] Q: With reference to the literature that you
[2] reviewed in connection with this case, did you
[3] perform the literature search, or was this
[4] literature that was provided to you?
[5] A: I have literature in my possession at
[6] home, and I have literature provided to me by
[7] Mr. Malik and Mr. Ruf.
[8] Q: Was the literature at your home directed
[9] to endomyocardial fibrosis?
[10] A: Yes.
[11] Q: Or was it a paragraph in a book?
[12] A: It was directed towards endomyocardial
[13] fibrosis.
[14] Q: What do you have at your home?
[15] A: An article from, I think, the British
[16] Journal of Medicine about endomyocardial
[17] fibrosis that I suspect I probably picked up
[18] at the time that I was in Michigan. There is
[19] not a lot written about it, I think, in
[20] textbooks.
[21] Q: The remainder of the literature was
[22] provided to you by Mr. Malik?
[23] A: That is correct.
[24] Q: You don't know Dr. Hoffman at University
[25] Hospital?

[1] they probably should have.
[2] Q: Doctor, apparently you don't have any
[3] problem that this particular patient had
[4] endomyocardial fibrosis?
[5] A: I do not.
[6] Q: We know that this patient got to
[7] Dr. Cropp, and I think the first day that the
[8] patient got there was — it takes me a minute
[9] to find the exact spot. July 5th the patient
[10] wasn't feeling well. But on July 13th was
[11] seen by Dr. Cropp.
[12] He had a nonproductive cough, no chest
[13] pain, no wheezing. He apparently had been on
[14] several different cough medicines and several
[15] antibiotics. He was somewhat better on
[16] doxycycline and was on his second course of
[17] this drug. Was all of that appropriate?
[18] A: I think at the time, I don't find a
[19] deviation from the standard of care.
[20] Q: And his plan, that is Dr. Cropp's plan,
[21] was to continue Mr. Gonda on doxycycline for
[22] 21 days. He was given a prescription for
[23] Vanceril and Tessalon and was seen by
[24] Dr. Cropp on a follow-up visit on July 25th of
[25] '95.

[1] A: I do not.
[2] MR. BLOMSTROM: Thank you. That's
[3] all I have at this point.
[4] EXAMINATION OF MARK J. BOTHAM, M.D.
[5] BY MR. BANAS:
[6] Q: Dr. Botham, my name is Gary Banas. I
[7] represent Dr. Cropp and Dr. DeMarco. I think
[8] I just have a few questions.
[9] First of all, when the patient got to the
[10] Cleveland Clinic, what was the diagnosis at
[11] the clinic?
[12] A: I think the transfer diagnosis was right
[13] ventricular mass. I think they didn't really
[14] know exactly what the right ventricular mass
[15] was.
[16] Q: Well, according to the records, it says
[17] probable angiosarcoma.
[18] A: That's more of a guess than anything
[19] else. I think if you do a histologic biopsy,
[20] tentative diagnoses really don't mean much.
[21] Q: Did they do anything by way of
[22] anticoagulation?
[23] A: They did not.
[24] Q: Do you think they should have?
[25] A: I think hindsight looking at it, yes,

[1] Were those two prescriptions appropriate?
[2] A: Yes.
[3] Q: At this time, he was feeling better,
[4] Mr. Gonda, and I assume you have seen those
[5] records?
[6] A: Yes.
[7] Q: Mr. Gonda was feeling better but not
[8] normal. He had sinus drainage. He was
[9] clearing his throat and coughing
[10] significantly. No wheezes. And apparently
[11] noted a fever throughout the day.
[12] And, of course, at this point, Dr. Cropp
[13] was thinking in terms of sinusitis. And I
[14] assume that's all appropriate?
[15] A: I think it would be included in the
[16] differential diagnosis. As a clinician, I
[17] would be troubled by the duration of this
[18] young man's symptoms and persistent fever.
[19] MR. MALIK: Can you show it to
[20] the doctor?
[21] BY MR. BANAS:
[22] Q: This is my notes that I have. If I'm
[23] allowed to use my notes.
[24] A: It's probably from DeMarco, isn't it?
[25] Q: Yes. He has seen it. It's easy for me

<p style="text-align: right;">Page 45</p> <p>[1] to read this stuff rather than to remember.</p> <p>[2] He had no wheezes. Mr. Gonda noted fever</p> <p>[3] throughout the day. Recommendations were to</p> <p>[4] discontinue Tessalon and Vanceryl. He was</p> <p>[5] started on — is it Deconsal — which is a</p> <p>[6] decongestant/antitussive medication, and I</p> <p>[7] assume that was all appropriate?</p> <p>[8] A: Yes.</p> <p>[9] Q: I think the last time he saw him was then</p> <p>[10] on August 8, and at that time he was feeling</p> <p>[11] better. Do you remember that?</p> <p>[12] A: I would have to look back at the records.</p> <p>[13] Q: Take a look at Dr. Cropp's records. We</p> <p>[14] are up to August 8th.</p> <p>[15] A: I have the records here.</p> <p>[16] Q: If it's not true, it is not true.</p> <p>[17] A: These are Cropp's record you are reading</p> <p>[18] from?</p> <p>[19] Q: At this rate, Mr. Gonda was doing</p> <p>[20] somewhat better. His Nasal congestion</p> <p>[21] cleared, and his cough had nearly vanished.</p> <p>[22] At this point David states that his fever is</p> <p>[23] essentially gone. All of which shows</p> <p>[24] improvement, does it not?</p> <p>[25] A: It would suggest that he is feeling</p>	<p style="text-align: right;">Page 47</p> <p>[1] A: Dr. Ruiz.</p> <p>[2] Q: And of course, contained in there is the</p> <p>[3] information which I have been talking about?</p> <p>[4] A: That is correct.</p> <p>[5] Q: Have I misstated anything so far? That's</p> <p>[6] all I'm really interested in up until the</p> <p>[7] 15th.</p> <p>[8] A: No, you have not misstated anything.</p> <p>[9] Q: On the 15th, we know the patient goes to</p> <p>[10] St. Elizabeth because he's got hemoptysis, St.</p> <p>[11] Elizabeth Medical Center in Youngstown, and is</p> <p>[12] seen by a Dr. DeMarco. Does that ring a bell?</p> <p>[13] A: Yes.</p> <p>[14] Q: Let me just ask one question. Are you</p> <p>[15] critical of Dr. DeMarco?</p> <p>[16] A: No, I'm not.</p> <p>[17] Q: Now, we also know that this ends the</p> <p>[18] relationship that the patient has with</p> <p>[19] Dr. Cropp?</p> <p>[20] A: That's correct.</p> <p>[21] Q: In other words, Dr. Cropp saw the</p> <p>[22] patient, as I get it, I think, on three</p> <p>[23] occasions?</p> <p>[24] A: Yes.</p> <p>[25] Q: Maybe I missed something along the way, I</p>
<p style="text-align: right;">Page 46</p> <p>[1] better.</p> <p>[2] Q: A CT scan of the chest and abdomen was</p> <p>[3] advised, that would be appropriate?</p> <p>[4] A: Correct.</p> <p>[5] Q: Now, on the 15th, or seven days later,</p> <p>[6] before he got the CT of the chest or the</p> <p>[7] abdomen, he went into the hospital with</p> <p>[8] hemoptysis and was admitted to St. Elizabeth</p> <p>[9] Medical Center in Youngstown. Now, let's just</p> <p>[10] stop there.</p> <p>[11] Do you want to take a look at those</p> <p>[12] records and make sure I said it correctly? I</p> <p>[13] don't want to be —</p> <p>[14] A: Putting words in my mouth.</p> <p>[15] Q: — be accused of misleading any witness.</p> <p>[16] And I see somebody has helped you with</p> <p>[17] highlighting so that you can find the exact</p> <p>[18] spot.</p> <p>[19] Of course, what you also see, Doctor,</p> <p>[20] after every visit there was a letter sent</p> <p>[21] which again is an appropriate thing for a</p> <p>[22] consultant to do, correct?</p> <p>[23] A: That is correct.</p> <p>[24] Q: And, of course, the letters were sent by</p> <p>[25] Dr. Cropp too?</p>	<p style="text-align: right;">Page 48</p> <p>[1] think it's three times. You are a</p> <p>[2] cardiovascular surgeon?</p> <p>[3] A: Correct.</p> <p>[4] Q: And I assume after going through all of</p> <p>[5] this, you have really no criticism of</p> <p>[6] Dr. Cropp?</p> <p>[7] A: I don't have any formal criticism of him.</p> <p>[8] I think that as a pulmonary specialist, I</p> <p>[9] guess I'm disconcerted that he didn't,</p> <p>[10] perhaps, entertain the possibility of their</p> <p>[11] being the problem related to this young man's</p> <p>[12] heart as an etiology for his symptoms.</p> <p>[13] Q: You are not prepared to say that's been</p> <p>[14] below the standard of care?</p> <p>[15] A: I am not. That's correct.</p> <p>[16] MR. BANAS: I told you I would</p> <p>[17] be very quick.</p> <p>[18] EXAMINATION OF MARK J. BOTHAM, M.D.</p> <p>[19] BY MR. TRAVERS:</p> <p>[20] Q: By name is Tom Travers. I'm a lawyer for</p> <p>[21] Dr. Ruiz. It's probably not a surprise to you</p> <p>[22] that I have some questions as well.</p> <p>[23] I want to begin by questioning you</p> <p>[24] concerning this pericardial ultrasound because</p> <p>[25] I want to make sure that I am clear of the</p>

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[1] whole nature of your criticism in regard to
[2] that study.
[3] Do I understand correctly, Doctor, that
[4] in your opinion, there is no circumstance in
[5] which a limited study by way of ultrasound
[6] just of the pericardium is appropriate?
[7] A: There is no circumstance that I'm aware
[8] of in the field of medicine to perform a
[9] pericardial ultrasound, period.
[10] Q: Are you aware as to whether or not tests
[11] of that nature are ever done?
[12] A: They are. I have done probably 2 or
[13] 3,000 open heart surgeries and evaluated twice
[14] that many patients for cardiovascular disease.
[15] I have never heard of or seen a
[16] pericardial ultrasound performed by any
[17] physician.
[18] Q: Do you agree that if properly performed
[19] and interpreted, a pericardial ultrasound
[20] would be able to identify effusion of the
[21] pericardium?
[22] A: Yes.
[23] MR. MALIK: I will object to
[24] that question.
[25] BY MR. TRAVERS:

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[1] Q: I want to take a step back from the time
[2] of that study. To see if, perhaps, I'm not
[3] understanding you correctly.
[4] Let me ask straightforwardly. Do you
[5] have sufficient clinical information in this
[6] case to render a judgment as to whether
[7] Dr. Ruiz was negligent in his workup of the
[8] patient prior to the time that he ordered the
[9] ultrasound?
[10] A: I think up until the point where he
[11] ordered the pericardial ultrasound, his workup
[12] had been appropriate.
[13] Q: Do you believe that there was medical
[14] necessity to do a cardiac evaluation during
[15] the two times that Dr. Ruiz saw this patient?
[16] A: I think at the time, he felt it
[17] appropriate to evaluate the pericardial space.
[18] In his mind, he had the feeling that from
[19] a pathophysiologic standpoint, something
[20] within the pericardial space had the potential
[21] to be resulting in this young man's clinical
[22] symptoms. Otherwise, he would not have
[23] ordered the test.
[24] And I think if you look at this patient
[25] from a clinical standpoint, that assessment

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[1] was correct.
[2] Unfortunately, despite the fact that he
[3] thought about it from a pathophysiologic
[4] standpoint, he did not evaluate from a correct
[5] clinical standpoint.
[6] Q: Here is what I'm trying to find out,
[7] Doctor. From the prospective of an internist
[8] in seeing this patient on two occasions with
[9] symptoms of fever, cough, and some malaise,
[10] did the standard of care require an internist
[11] to perform a cardiac evaluation?
[12] MR. MALIK: Objection.
[13] A: I think if you as a clinician feel that
[14] you have the potential for a cardiac problem
[15] as an etiology for a patient's complaint,
[16] then, yes, it mandates that you perform an
[17] evaluation that gives you the information that
[18] you need. Inclusive in that is a
[19] two-dimension echocardiography.
[20] BY MR. TRAVERS:
[21] Q: Now, what I would like to do is segregate
[22] that answer as it applies to Dr. Ruiz.
[23] Since he did order the ultrasound to a
[24] hypothetical situation, in which an internist
[25] had the same clinical information available to

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[1] him did not order a pericardial ultrasound, or
[2] any cardiac diagnostic testing, do you believe
[3] that the failure to order any such testing,
[4] based upon the clinical information available
[5] to the internist on his two visits in late
[6] spring and early summer of 1995, would that
[7] constitute a violation of standard of care?
[8] MR. RUF: Objection. Assumes
[9] facts not in evidence.
[10] MR. BANAS: He said it was
[11] hypothetical question.
[12] A: I think if you are taking this as a
[13] hypothetical case, and not specifically
[14] related to Mr. Gonda, the answer still would
[15] be, yes. I think if you feel there is a
[16] cardiac problem, as this physician did.
[17] And again, to evaluate that patient, I
[18] would have to look at that patient and assess
[19] whether I feel there is a cardiac etiology to
[20] it.
[21] If you feel there is a cardiac etiology,
[22] yes, the standard of care is to do a
[23] two-dimensional echocardiography.
[24] BY MR. TRAVERS:
[25] Q: I'm afraid that the problem is mine in

<div>Page 53</div> <div><p>[1] the way that I'm phrasing the question,</p><p>[2] Doctor.</p><p>[3] I want to remove from the equation the</p><p>[4] suspicion that Dr. Ruiz had of a possibility</p><p>[5] of pericardial etiology here.</p><p>[6] And my question here is directed to an</p><p>[7] internist who did not have any such suspicion</p><p>[8] and ordered no cardiac testing at all, would</p><p>[9] the clinical information available to Dr.</p><p>[10] Ruiz, at the time that he evaluated David</p><p>[11] Gonda, would the failure to order any type of</p><p>[12] cardiac workup constitute a violation of the</p><p>[13] standard of care?</p><p>[14] MR. RUF: Objection.</p><p>[15] MR. MALIK: Objection.</p><p>[16] A: I think that the answer to the question</p><p>[17] is yes. I think that it is bolstered simply</p><p>[18] by the fact that a clinician who saw this</p><p>[19] hypothetical patient, be it David Gonda, did</p><p>[20] feel that, and did order a test to evaluate</p><p>[21] the pericardial space, but did not evaluate</p><p>[22] that which is inclusive in the pericardial</p><p>[23] space, that being the heart.</p><p>[24] So the answer is yes on both accords.</p><p>[25] BY MR. TRAVERS:</p></div>	<div>Page 55</div> <div><p>[1] A: I think when you have a young man in his</p><p>[2] 20's who has had cough and generalized</p><p>[3] malaise, has had persistent tachycardia and an</p><p>[4] abnormal EKG, that warrants an</p><p>[5] echocardiography. I think it's the least</p><p>[6] study. The first screening study I would do.</p><p>[7] Q: Have you seen this patient's EKG?</p><p>[8] A: Yes.</p><p>[9] Q: Did you see the one in '89?</p><p>[10] A: Yes, I did.</p><p>[11] Q: Were you able to interpret that?</p><p>[12] A: I can't interpret the EKG in '89.</p><p>[13] Q: How about the one in '95?</p><p>[14] A. I think you can look at that EKG and see</p><p>[15] there are some abnormalities there.</p><p>[16] Q: What abnormalities have you identified in</p><p>[17] that study?</p><p>[18] A: Do you have that study for me?</p><p>[19] MR. MALIK: Here you go.</p><p>[20] A: I don't know where it is in here. I know</p><p>[21] I have seen it.</p><p>[22] MR. BANAS: May the record</p><p>[23] reflect a frantic search is going on.</p><p>[24] (Laughter)</p><p>[25] A: Here it is.</p></div>
<div>Page 54</div> <div><p>[1] Q: You're telling me, number one, you feel</p><p>[2] comfortable in evaluating the workup an</p><p>[3] internist would perform on a patient with</p><p>[4] symptoms of cough and fever?</p><p>[5] A: As a cardiac surgeon, I see every</p><p>[6] spectrum of disease that presents to patients</p><p>[7] in the hospital. I'm kind of a last stop on</p><p>[8] the bus. I see absolutely everything that</p><p>[9] anybody else has seen. I get a chance to</p><p>[10] evaluate every kind of workup that's done from</p><p>[11] family practice doctors to internists to</p><p>[12] cardiologists.</p><p>[13] Then I have to make my assessment based</p><p>[14] on what I do upon the evaluations of what</p><p>[15] those people do.</p><p>[16] So I get the luxury of seeing how those</p><p>[17] things are done, and I make my judgment based</p><p>[18] upon that.</p><p>[19] So, I have a strong comfort level knowing</p><p>[20] when it is and when it is not appropriate to</p><p>[21] order specific tests.</p><p>[22] Q: What about whether David Gonda's clinical</p><p>[23] presentation, in your judgment, was</p><p>[24] sufficiently significant to merit a cardiology</p><p>[25] workup by Dr. Ruiz?</p></div>	<div>Page 56</div> <div><p>[1] BY MR. TRAVERS:</p><p>[2] Q: I assume, Doctor, just by way of</p><p>[3] prefatory question, in your specialty, do you</p><p>[4] have some expertise in interpretation of EKG?</p><p>[5] A: I do read EKG's every now and then.</p><p>[6] Q: What is your interpretation of that '95,</p><p>[7] June '95 study?</p><p>[8] A: It does reflect some increased subtle</p><p>[9] forces. I'm not sure I agree with the</p><p>[10] assessment here about ischemic changes. He</p><p>[11] talks about the pattern on the EKG versus</p><p>[12] ischemic changes on the EKG. And it does</p><p>[13] suggest sinus tachycardia of the rate of 120.</p><p>[14] Q: Well, his tachycardia we don't need.</p><p>[15] A: You need to know whether it's a sinus or</p><p>[16] echo tachycardia or flutter or ventricular</p><p>[17] echocardiogram. We do need an EKG to assess</p><p>[18] that.</p><p>[19] Q: He had the best kind of tachycardia?</p><p>[20] A: He had a sinus tachycardia. That's</p><p>[21] correct.</p><p>[22] Q: So other than the existence of</p><p>[23] tachycardia, the only other abnormality that</p><p>[24] you feel that you identified from that study</p><p>[25] is increase subtle forces?</p></div>

[6] A: I think if you have a young man who has
[7] this constellation of symptoms and this
[8] electrocardiogram, yes, he is more for
[9] electrocardiogram.

[10] Q: Without the accompanying symptoms, is
[11] that EKG itself sufficiently abnormal to

[16] That's why cardiologists or physicians,
[17] internal medicine doctors, see their patients,
[18] examine their patients and then get studies.
[19] An isolated test doesn't give you information.

[20] Q: Well, the last time he had been in for
[21] EKG in '89 was simply for a preemployment
[22] physical.

[23] Let's assume he came in and had this EKG
[24] for that same reason. Would the abnormalities

[5]

[6] A: No. De novo there is no reason why they
[7] should have positive blood cultures unless
[8] they have an infection somewhere in their
[9] body.

[10] Q: So in your opinion, had blood cultures
[11] been done on David Gonda back in June of 1995

[16] A: I think based upon what I have reviewed,
[17] I don't feel that he had bacterial
[18] endocarditis.

[19] I suspect those cultures would have been
[20] negative. I think it would warrant you in
[21] evaluating and doing those to make sure that
[22] he did not have endocarditis.

[23] It's a diagnosis of exclusion. You do
[24] bacterial cultures to exclude it as a

[3] A: As your question, the way it's stated,
[4] would be yes. It's grossly abnormal for a
[5] 29-year-old, 26, however old, to have a
[6] resting heart rate of 120.

[7] BY MR. TRAVERS:

[8] Q: We have been from here to San Francisco
[9] and back fighting over whether this man had

[3] cultures. And the other is to do an
[4] echocardiography.

[5] BY MR. TRAVERS:

[6] Q: What are the significant clinical
[7] features that you're aware of that prompt you
[8] to conclude that he did not have infectious
[9] endocarditis?

[13] A: Yes.

[14] Q: Have you reviewed the case to reach your
[15] own independent determination on that issue?

[16] A: Yes.

[17] Q: You would disagree with those who espouse
[18] the endocarditis theory?

[19] A: I do not feel that this patient had
[20] bacterial endocarditis.

[21] Q: Do you have an opinion as to whether a

[13] Q: How about right-sided endocarditis?

[14] A: Any-sided endocarditis. Any-sided
[15] endocarditis is extremely rare to have it
[16] developed de novo, inside a ventricular cavity
[17] without involving a cardiac valve.

[18] Q: Do you do heart transplants?

[19] A: I don't do them anymore. It's for guys
[20] who have less gray hair.

[21] Q: When you say "anymore," since your

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[1] **A:** They are not.
[2] **Q:** Any hospitals that you are on staff at?
[3] **A:** University Hospital.
[4] **Q:** Do you know Dr. Wiedemann from University
[5] Hospital?
[6] **A:** I do not.
[7] **Q:** Have you seen in the records the letter
[8] that he wrote to the Gonda family?
[9] **MR. RUF:** You mean the clinic.
[10] **BY MR. TRAVERS:**
[11] **Q:** I'm sorry, from the Cleveland Clinic.
[12] **A:** I don't know if I have had the chance to
[13] review that or not.
[14] **Q:** This has previously been marked as
[15] Exhibit A from an earlier deposition. I'm
[16] going to ask you if you can take a look
[17] through that letter.
[18] **MR. MALIK:** I'm going to object
[19] to the letter. Dr. Wiedemann, anything he
[20] knows from EMF, he got from a pathologist.
[21] **BY MR. TRAVERS:**
[22] **Q:** I take it you're not in complete
[23] agreement with the conclusions expressed to
[24] the family by the treating physician from the
[25] clinic on the issue?

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[1] **A:** I'm not in agreement with him.
[2] **Q:** Let's start on the issue of the
[3] treatability of this disease by asking, are
[4] you aware of what category of development of
[5] the disease process Mr. Gonda had at the time
[6] of his death?
[7] **A:** If you're referring specifically to
[8] endomyocardial fibrosis, that category was
[9] probably very early.
[10] **Q:** This was probably naive of me, but since
[11] it caused his death, I would assume that it
[12] would have been later?
[13] **MR. MALIK:** Objection.
[14] **A:** It did not cause his death. His death
[15] was caused by multiple pulmonary emboli,
[16] hemoptysis on asphyxiation.
[17] **BY MR. TRAVERS:**
[18] **Q:** On that issue, you were careful to
[19] comment in your original report about the
[20] large laceration to the patient's lung. Did
[21] that play a role in his death?
[22] **A:** There is no question that it was
[23] contributory to it.
[24] **Q:** What is your understanding of how that
[25] laceration occurred?

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[1] **A.** Probably during the emergent thoracotomy
[2] that was performed by the resident trying to
[3] resuscitate him.
[4] **Q:** If they had not incised that lung, do you
[5] think David would have survived that episode?
[6] **A:** He would have asphyxiated and died.
[7] **Q:** That same evening?
[8] **A:** That's correct.
[9] **Q:** Is that based upon the pulmonary findings
[10] on pathology?
[11] **A:** It's based upon the condition of the
[12] patient at the time he had the emergent
[13] thoracotomy.
[14] **Q:** So you don't think the laceration of his
[15] lung —
[16] **A:** In no way caused his death. His death
[17] was caused by the pulmonary emboli.
[18] **Q:** Had he been anticoagulated upon trans er
[19] to the clinic, would that have prevented his
[20] death that evening?
[21] **A:** It may have decreased the likelihood of
[22] him having a fatal pulmonary embolus. It
[23] could not have guaranteed he would not have
[24] experienced that same problem.
[25] **Q:** Do you think there was a single large

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[1] embolus that was the cause of his death or a
[2] shower of smaller?
[3] **A:** I think there were multiple emboli that
[4] progressively blocked his pulmonary arterial
[5] circuit. The final event was probably a
[6] larger embolus that blocked the main pulmonary
[7] arterial flow and resulted in the hemoptysis
[8] and eventual asphyxiation.
[9] **Q:** Do you think there was an acute episode
[10] in which the rate of embolization dramatically
[11] increased, or was this just a natural result
[12] of chronic embolization?
[13] **MR. MALIK:** Objection.
[14] **A:** I think the tendency in patients who have
[15] pulmonary emboli is to have multiple sentinel
[16] emboli, smaller emboli, that result in
[17] symptoms. And eventually a large embolus that
[18] obstructs a main pulmonary artery, or
[19] continues the acceleration of the emboli, but
[20] blocks off enough of the pulmonary arterial
[21] circuit, that they either develop heart
[22] failure or profound hemoptysis. And that's
[23] usually their modus of death.

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[1] **A:** Yes, I do.
[2] **Q:** Would earlier diagnosis and treatment
[3] have necessarily prevented David's death?
[4] **A:** Yes.
[5] **Q:** I'm surprised by your answer, Doctor.
[6] That wasn't my sense from your report. I
[7] thought that your theory here is that he would
[8] have had a better chance had earlier treatment
[9] been undertaken. But I never saw anything in
[10] your report saying that his death would
[11] necessarily have been prevented?
[12] **A:** People who have multiple pulmonary emboli
[13] and eventually succumb to that, if they are
[14] appropriately diagnosed and treated at an
[15] early stage, have a significant chance not
[16] only of preventing progression in their
[17] disease, but they also have a significant
[18] chance of terms of preventing progression in
[19] their pulmonary hypertension and preventing
[20] the sequelae that we've seen play out with
[21] Mr. Gonda. That being a massive pulmonary
[22] embolus and eventual death.
[23] **Q:** When you talk about embolization, in
[24] patients generally, it's not very frequently
[25] that the embolization is being caused by a

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[1] large thrombus in one of the cardiac chambers,
[2] is it?
[3] **MR. MALIK:** Objection.
[4] **A:** If it's more frequent to have emboli from
[5] lower extremity veins or pelvic veins, upper
[6] extremity veins, and probably lastly from
[7] cardiac structures. It's a small percentage.
[8] **Q:** The prognosis for patients would not be
[9] the same in all categories of where the
[10] thrombus were, is it not?
[11] **A:** It depends upon how quickly the diagnosis
[12] is made and how appropriate the therapeutic
[13] management is rendered.
[14] **Q:** It's your thought that there is some
[15] circumstances in which a patient would have a
[16] thrombus attach to the wall of one of his
[17] cardiac ventricles, would have the same
[18] prognosis with timely treatment as a woman
[19] with thrombus in her deep vein?
[20] **A:** Yes.
[21] **MR. RUF:** Objection.
[22] **A:** I have removed thrombus from patients'
[23] ventricles during cardiac surgery procedures
[24] in patients who have had subsequently normal
[25] life expectancies.

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[1] **Q:** Do you have any information concerning
[2] recurrence of thrombus formation in EMF
[3] patients?
[4] **A:** I don't think specifically in EMF
[5] patients. But I think we know from our
[6] experience with left ventricular aneurysms,
[7] which we routinely operate and remove the
[8] aneurysm, and remove the inter-cavitary
[9] thrombus.
[10] But if the thrombus is removed and the
[11] cavity appropriately treated, anticoagulation
[12] begun, those patients do not develop recurrent
[13] thrombus in their ventricle.
[14] **Q:** Those patients don't have endomyocardial
[15] fibrosis?
[16] **A:** No. But they have a problem that's
[17] worse. They have left ventricular aneurysm.
[18] That's more prone to developing mural
[19] thrombus.
[20] **Q:** Well, Doctor, what is the cause of
[21] endomyocardial fibrosis?
[22] **A:** I don't think anybody knows what the
[23] exact causes are.
[24] **MR. RUF:** Objection.
[25] **BY MR. TRAVERS:**

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[1] **Q:** That would include you?
[2] **A:** That's correct. I know there are
[3] specific subcategories of endomyocardial
[4] fibrosis that develop as a result of cardiac
[5] surgery.
[6] But the ones that develop without cardiac
[7] surgery, I don't think anybody knows the cause
[8] of.
[9] **Q:** Without knowing the cause of that
[10] condition, you are comfortable giving opinions
[11] upon recurrence of the disease after surgical
[12] intervention?
[13] **A:** You asked me about recurrence of the
[14] thrombus, not of the disease. The disease
[15] won't change. The disease stays there.
[16] Whether it progresses or not. Nobody knows.
[17] I couldn't render an opinion based upon that.
[18] You asked me specifically about the likelihood
[19] of thrombus developing on that.
[20] **Q:** You're right.
[21] **A:** And the answer to that question is if it
[22] is appropriately treated, the likelihood is
[23] low that they will develop recurring thrombus.
[24] **Q:** Okay. You don't claim though that
[25] through surgical intervention or

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[1] anticoagulation you would be able to cure
[2] David Gonda of his underlying fundamental
[3] disease?
[4] **MR. RUF:** Objection.
[5] **A:** The endomyocardial fibrosis would not be
[6] reduced by removing the thrombus from the
[7] heart and anticoagulation.
[8] **Q:** And there is certainly a morbidity
[9] attached to endomyocardial fibrosis even
[10] without pulmonary embolism?
[11] **A:** Yes, there is.
[12] **Q:** Would it be correct then that your
[13] statement, as far as the likelihood of
[14] effective intervening treatment, would be
[15] directed toward the embolization rather than
[16] to the underlying disease?
[17] **MR. MALIK:** Objection.
[18] **A:** I don't think that you can separate the
[19] two. The endomyocardial fibrosis is the Midas
[20] that allows for the development of the
[21] thrombus. The thrombus is then the pathologic
[22] process that results in progressive
[23] deterioration and demise. In order to treat
[24] one, you have to treat the other. They are
[25] part and parcel to each other.

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[1] **Q:** Well, most patients who have
[2] endomyocardial fibrosis don't die of pulmonary
[3] embolism.
[4] **A:** That is correct.
[5] **Q:** Most of them die of heart failure?
[6] **A:** Congestive heart failure.
[7] **Q:** The removal of this thrombus would lessen
[8] the likelihood of the patient's fibrotic
[9] circumstance developing into congestive heart
[10] failure, would it?
[11] **A:** It would not.
[12] **Q:** Do you hold any opinions as to medical or
[13] surgical intervention could have cured him of
[14] his endomyocardial fibrosis?
[15] **MR. MALIK:** Objection.
[16] **A:** At the time that he presented, there was
[17] no surgical necessity to treat his
[18] endomyocardial fibrosis. He didn't have
[19] congestive heart failure. He had a very early
[20] stage of endomyocardial fibrosis.
[21] **Q:** Had the thrombotic part of his lesion
[22] been addressed earlier, would you have any
[23] opinion on David's life expectancy based
[24] solely on his underlying disease?
[25] **A:** I think with a reasonable probability, he

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[1] would have had a relatively normal life
[2] expectancy.
[3] **MR. MALIK:** Objection.
[4] **BY MR. TRAVERS:**
[5] **Q:** Even with the fibrotic lesions of his
[6] heart?
[7] **A:** There is nothing that I am aware of that
[8] would stipulate that there is going to be
[9] progression in the degree of endomyocardial
[10] fibrosis that he had.
[11] He would have had to have been followed
[12] echocardiographically and, perhaps, with right
[13] ventricular biopsies in various sites to
[14] determine whether or not there was progression
[15] in his disease.
[16] **Q:** Well, it is a progressive disease, is it
[17] not?
[18] **A:** We don't know that because we don't know
[19] the denominator. We don't know how many
[20] people have it and how long it takes to
[21] progress to a point where they develop
[22] congestive heart failure.
[23] What you see is the one spectrum of the
[24] disease. You see the folks who have
[25] congestive heart failure. The denominator is

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[1] when does it start. We don't know the answer
[2] to that.
[3] I assume there are some people in whom it
[4] progresses rapidly. And some people it
[5] develops and is never even identified. And
[6] then there is a large group of people in the
[7] middle of that bell-shaped curve.
[8] **Q:** You don't know where David would have
[9] fallen on that?
[10] **A:** I do not.
[11] **Q:** You do not agree that there is a high
[12] degree of morbidity just associated with the
[13] degree itself!
[14] **A:** I don't think we know that. I think we
[15] now there is morbidity involved when you
[16] involve end-stage endomyocardial fibrosis.
[17] But even that has surgical option.
[18] When you have very early endomyocardial
[19] fibrosis, I don't think we know the long-term
[20] track record of what happens to these patients
[21] from a clinical standpoint.
[22] There is just not enough literature
[23] available to assess patients that have early
[24] endomyocardial fibrosis and that are followed
[25] clinically.

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<p data-bbox="760 138 841 165">Page 73</p> <p data-bbox="133 174 669 276">[1] Q: Well, I can't disagree with that, Doctor, [2] but I suppose that's what I find most [3] troubling about your testimony.</p> <p data-bbox="133 283 677 417">[4] There is not that much information [5] available, and it's surprising that you would [6] sit here and tell me that this man would have [7] a normal life expectancy.</p> <p data-bbox="133 423 626 525">[8] A: There's nothing to tell me that he [9] wouldn't otherwise. He didn't have any [10] evidence of any congestive heart failure.</p> <p data-bbox="133 532 693 702">[11] He didn't have any evidence of [12] significant wall motion abnormalities that [13] would preclude him from having a normal life [14] span. And he had normal cardiac valvular [15] anatomy and function.</p> <p data-bbox="133 708 669 772">[16] Q: Do you think he would require a heart [17] transplant?</p> <p data-bbox="133 778 639 842">[18] A: There is no way to know that. At the [19] time that he presented, certainly not.</p> <p data-bbox="133 849 669 951">[20] Q: What are the facts that prompt your [21] conclusion that he was in the early stages of [22] the disease?</p> <p data-bbox="133 957 704 1059">[23] A: Because his cardiac involvement was [24] minimal, one-sided. And his echocardiography [25] suggested that his wall motion abnormality was</p>	<p data-bbox="863 174 1399 314">[1] by way of journal or text, that you believe is [2] sufficiently reliable for you to recommend it [3] to me if I were to attempt to educate myself [4] on this disease?</p> <p data-bbox="863 321 1182 353">[5] MR. MALIK: Objection.</p> <p data-bbox="863 359 1390 461">[6] A: I don't think there is any specific tests [7] that addresses this to a degree that would [8] allow us to make specific conclusions.</p> <p data-bbox="863 468 1390 532">[9] I think this disease process is something [10] that's been reported anecdotally.</p> <p data-bbox="863 538 1399 678">[11] The series of patients have been put [12] together and report their clinical pathologic [13] processes, and that's how we gained our [14] knowledge about this disease.</p> <p data-bbox="863 685 1424 846">[15] If it were a more frequent disease, or [16] picked up in an earlier stage, then we would [17] have more information about which we could [18] make a reliable prediction. We don't have [19] that information.</p> <p data-bbox="863 853 1416 1023">[20] Q: I think that was a good-faith effort to [21] answer my question. In case I'm mistaken, are [22] there any texts or journals that you believe [23] have reliable information on them on this [24] disease?</p> <p data-bbox="863 1029 1354 1059">[25] A: I think all of the texts written have</p>
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<p data-bbox="760 1074 841 1102">Page 74</p> <p data-bbox="133 1110 644 1174">[1] minor. He had reasonably well-preserved [2] contractility and normal valvular function.</p> <p data-bbox="133 1181 669 1244">[3] Q: Do you believe that the disease always [4] becomes two-sided or —</p> <p data-bbox="133 1251 724 1527">[5] A: We don't know that. I don't know that. [6] It may or may not. Again it's the same [7] problem. We don't know the denominator. We [8] don't know how many people are out there who [9] have the disease, and it's subclinical. It's [10] not detected, or it may never be detected. [11] Some people may die with the disease and are [12] never diagnosed.</p> <p data-bbox="133 1534 669 1674">[13] What we do see is the end of the [14] spectrum; patients who develop congestive [15] heart failure. Those patients may know they [16] have a limited life span.</p> <p data-bbox="133 1681 724 1744">[17] Q: And you have no opinion as to whether his [18] disease would progress?</p> <p data-bbox="133 1751 380 1783">[19] A: I don't know.</p> <p data-bbox="133 1789 456 1821">[20] MR. MALIK: Objection.</p> <p data-bbox="133 1827 649 1930">[21] A: I can't tell you. I don't have a series [22] of tests to tell me that it has progressed or [23] that it was even going to progress at all.</p> <p data-bbox="133 1915 626 1947">[24] BY MR. TRAVERS:</p> <p data-bbox="133 1953 677 1985">[25] Q: Is there any body of literature, whether</p>	<p data-bbox="863 1110 1354 1174">[1] reliable information. They are written to [2] inform and educate physician.</p> <p data-bbox="863 1181 1182 1212">[3] MR. MALIK: Objection.</p> <p data-bbox="863 1219 1354 1251">[4] BY MR. TRAVERS:</p> <p data-bbox="863 1257 1364 1321">[5] Q: Are there any you believe are more [6] authoritative than others?</p> <p data-bbox="863 1327 1182 1359">[7] MR. MALIK: Objection.</p> <p data-bbox="863 1366 1000 1398">[8] A: No.</p> <p data-bbox="863 1404 1362 1468">[9] Q: The whole body of literature, if it's [10] mentioned there, is it equally reliable?</p> <p data-bbox="863 1474 1440 1783">[11] A: I think physicians write articles and [12] publish texts to educate their colleagues in [13] an effort to gain knowledge and allow their [14] colleges to have that same knowledge. They [15] are all authoritative. They express opinions [16] based upon case summaries, clinical conditions [17] and pathological disease. There is no one [18] article that's more authoritative than [19] another.</p> <p data-bbox="863 1789 1435 1930">[20] Q: Are you aware of information that you [21] believe is accurate concerning the number of [22] patients who die from endomyocardial fibrosis [23] if they contract that disease?</p> <p data-bbox="863 1915 1252 1985">[24] MR. RUF: Objection. At what [25] stage?</p>

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<p>[1] MR. TRAVERS: You are welcome to</p> <p>[2] redirect if you think that's appropriate or a</p> <p>[3] different question is appropriate.</p> <p>[4] Q: I want to know whether you have opinions</p> <p>[5] on that or whether you claim to know.</p> <p>[6] A: I think what you could say is there is a</p> <p>[7] group of patients who develop end-stage</p> <p>[8] endomyocardial fibrosis who die from the</p> <p>[9] disease. There is a group of patients who</p> <p>[10] develop complications of endomyocardial</p> <p>[11] fibrosis who end up having surgical</p> <p>[12] procedures.</p> <p>[13] There is a large subset of patients that</p> <p>[14] have the disease and are not diagnosed and may</p> <p>[15] never be diagnosed. They may die</p> <p>[16] out-of-hospital deaths, and we may never know</p> <p>[17] what their death was attributable to.</p> <p>[18] Q: Well, I tried to phrase my question to</p> <p>[19] not address the people who have not been</p> <p>[20] diagnosed. I'm asking about patients who are</p> <p>[21] diagnosed as having this disease.</p> <p>[22] A: I think the body of literature, in that</p> <p>[23] group of patients who are diagnosed, who are</p> <p>[24] reported upon, are patients with end-stage</p> <p>[25] endomyocardial fibrosis. Their life</p>	<p>[1] an inappropriate question. He's got opinions</p> <p>[2] with respect to this patient.</p> <p>[3] Q: I will try to rephrase the question,</p> <p>[4] Doctor, so that we won't fight about whether</p> <p>[5] you should answer it or not.</p> <p>[6] But let me ask it this way: We are in</p> <p>[7] agreement that failure to diagnose</p> <p>[8] endomyocardial fibrosis is not in and of</p> <p>[9] itself a violation of the standard of care for</p> <p>[10] a practicing internist?</p> <p>[11] MR. MALIK: Objection.</p> <p>[12] MR. RUF: Objection.</p> <p>[13] A: I think it's within the demand of a</p> <p>[14] cardiologist to make that diagnosis.</p> <p>[15] Q: Not every patient who suffers that</p> <p>[16] disease was rendered substandard medical care</p> <p>[17] by not having had it diagnosed earlier?</p> <p>[18] MR. RUF: Objection.</p> <p>[19] MR. MALIK: Objection. Do you</p> <p>[20] know that?</p> <p>[21] A: Let me answer the question. I think if</p> <p>[22] they have the ability to perform the</p> <p>[23] appropriate study, that then allows them to</p> <p>[24] make the diagnosis, and that isn't offered to</p> <p>[25] the patient, yes, I do believe it is</p>
Page 78	Page 80
<p>[1] expectancy is not normal.</p> <p>[2] Q: Substantially impaired?</p> <p>[3] MR. MALIK: Objection.</p> <p>[4] Q: Most of them die soon?</p> <p>[5] A: They have a less-than-normal life span.</p> <p>[6] I don't think you can really say over a time</p> <p>[7] span how long they live. They certainly have</p> <p>[8] a decreased life span.</p> <p>[9] Q: So that the huge majority of cases in</p> <p>[10] which we are aware of the existence of the</p> <p>[11] disease are not diagnosed until they reach the</p> <p>[12] end stage of EMF?</p> <p>[13] A: That's correct.</p> <p>[14] MR. MALIK: Objection.</p> <p>[15] Q: Were all of these people guilty? Did</p> <p>[16] they have malpractice committed on them, too,</p> <p>[17] for not having the disease diagnosed early?</p> <p>[18] MR. RUF: Don't answer that.</p> <p>[19] Objection. That's an inappropriate question.</p> <p>[20] A: Come on, guys.</p> <p>[21] MR. BANAS: I would rephrase it.</p> <p>[22] I think it's reasonable.</p> <p>[23] MR. RUF: We have no</p> <p>[24] information about what happened clinically</p> <p>[25] with any of those patients. So, I think it's</p>	<p>[1] malpractice.</p> <p>[2] Q: Have you actually viewed any of the</p> <p>[3] imaging studies in this case?</p> <p>[4] A: You have to be more specific.</p> <p>[5] Q: Have you seen the chest film? Have you</p> <p>[6] seen the TEE? Have you seen the 2-D echo?</p> <p>[7] A: I have not.</p> <p>[8] Q: Have you seen any imaging studies?</p> <p>[9] A: Personally looked at the studies?</p> <p>[10] Q: Correct.</p> <p>[11] A: No, I have not.</p> <p>[12] MR. MALIK: He is talking about</p> <p>[13] the video.</p> <p>[14] Q: I'm talking about any imaging study. I'm</p> <p>[15] asking if he viewed the film or video.</p> <p>[16] A: I have not seen the chest X-rays, the 2-D</p> <p>[17] electro or TEE.</p> <p>[18] Q: Are you aware whether pericardial</p> <p>[19] effusion was evidenced on the 2-D electro or</p> <p>[20] the TEE at the time he presented to the</p> <p>[21] hospital?</p> <p>[22] A: It's my recollection there was no</p> <p>[23] significance evidence of pericardial effusion</p> <p>[24] on the TEE or 2-D.</p> <p>[25] Q: Isn't it likely if his condition cannot</p>

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[1] demonstrate pericardial effusion at the time
[2] he was at the hospital, it's likely he would
[3] not have had pericardial effusion two months
[4] earlier?

[5] **MR. MALIK:** Objection.

[6] **A:** I think that's a projection you are
[7] making. I don't think you can make that
[8] assumption. I think you have to have a test
[9] that tells you there, indeed, was not fluid
[10] there. There may have been or may not have
[11] been.

[12] **Q:** We are dealing in likelihoods here,
[13] Doctor. The disease obviously progressed
[14] substantially between June and August. We
[15] have agreed on that, correct?

[16] **A:** Correct.

[17] **MR. MALIK:** Objection.

[18] **BY MR. TRAVERS:**

[19] **Q:** And yet still in August there is no
[20] evidence of pericardial effusion?

[21] **A:** I think the likelihood is greater than
[22] not that had a two-dimensional
[23] echocardiography been performed earlier, it
[24] would not have shown fluid. I can't tell you
[25] that with certainty.

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[1] **Q:** Okay. Can you estimate how long the
[2] lesion in the patient's right ventricle had
[3] been present before his death?

[4] **MR. MALIK:** Objection.

[5] **A:** Some form of the endomyocardial fibrosis
[6] thrombus was present from his initial
[7] presentation.

[8] **Q:** How long before that?

[9] **A:** There is no way to know. It clearly was
[10] there when he first started developing his
[11] cough. I suspect that was from pulmonary
[12] emboli.

[13] **Q:** Are you aware of the testimony from any
[14] of the other witnesses as to how long he had
[15] his cough other than what's recorded in the
[16] medical record?

[17] **A:** It's reflected in the records that's one
[18] of his original presenting symptoms was his
[19] cough.

[20] **Q:** You have not been provided with
[21] transcript of any of the family members or the
[22] former fiancé of Mr. Gonda?

[23] **A:** I have. I have not had a chance to read
[24] through it.

[25] **Q:** When is your recollection?

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[1] **A:** I think when he started seeing Dr. Ruiz
[2] about his cough.

[3] **Q:** The only patients you have ever treated
[4] who had endomyocardial fibrosis was during
[5] your residency in Michigan?

[6] **A:** That's correct.

[7] **Q:** Had that person traveled in Africa, do
[8] you know?

[9] **A:** I don't remember whether it was a white
[10] or black person or their travel history. It
[11] was a young child.

[12] **Q:** Did the patient survive?

[13] **A:** I think the patient actually did survive.
[14] I don't know how long afterwards. I left
[15] there shortly after.

[16] **Q:** What was the stage of that patient?

[17] **A:** End-stage left-sided endomyocardial
[18] fibrosis.

[19] **Q:** That had just been recently diagnosed?

[20] **A:** As I recall. I don't remember the
[21] specifics surrounding it. As a resident, you
[22] don't always get involved with the workup.

[23] **MR. TRAVERS:** I think those are
[24] all of my questions.

[25]

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[1] EXAMINATION OF MARK J. BOTHAM, M.D.

[2] **BY MR. BLOMSTROM:**

[3] **Q:** During my examination of you, your CV was
[4] circulated. It never came back to me. I
[5] would like to get it marked.

[6] **A:** I don't know that it came back to me.

[7]
[8] (Thereupon, Defendant's Deposition
[9] Exhibit B was marked for purposes of
[10] identification.)

[11]

[12] **BY MR. BLOMSTROM:**

[13] **Q:** Is this a copy of your curriculum vitae?

[14] **A:** Yes, it is.

[15] **Q:** And it is Defendant's Exhibit what?

[16] **A:** Exhibit B. Thank you.

[17] **MR. BANAS:** I have no questions.

[18] (Signature not waived.)

[19] (Deposition concluded at 6:20 p.m.)

[20]

[21]

[22]

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[24]

[25]

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[1] CERTIFICATE

[2] The State of Ohio,)

[3] SS:

[4] County of Cuyahoga.)

[5]

[7] I, Terry D. Gimmellie, a Notary Public

[8] within and for the State of Ohio, do hereby certify

[9] that the within named witness, MARK J. BOTHAM, M.D.,

[10] was by me first duly sworn to testify the truth, the

[11] whole truth and nothing but the truth in the cause

[12] aforesaid;that the testimony then given by the

[13] above-referenced witness, was by me reduced to

[14] stenotypy in the presence of said witness;

[15] afterwards transcribed, and that the foregoing is a

[16] true and correct transcription of the testimony

[17] so given by the above-referenced witness.

[18] I do further certify that this

[19] deposition was taken at the time and place in

[20] the foregoing caption specified and was completed

[21] without adjournment.

[22]

[23]

[24]

[25]

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[1] I do further certify that I am not

[2] a relative, counsel or attorney for either party,

[3] or otherwise interested in the event of this action.

[4] IN WITNESS WHEREOF, I have hereunto

[5] set my hand and affixed my seal of office at

[6] Cleveland, Ohio, on this _____ day of

[7] _____, 1999.

[8]

[9]

[10]

[11]

[12]

[13]

[14] Terry D. Gimmellie, Notary Public

[15] within and for the State of Ohio

[16]

[17] My commission expires November 7th, 2001.

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