

State of Ohio,)
County of Cuyahoga.) ss:

Doc. 440

Ralph E. Major, et al,)
Plaintiffs,)
vs.)

No. 236224

R.D. Thompson, M.D., et al,
Defendants.)

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Deposition of ARTHUR E. VAN DYKE, M.D., a
Defendant herein, called for cross-examination by
the Plaintiffs, taken before Michelle A. Bishilany,
a Registered Professional Reporter/CM and Notary
Public within and for the State of Ohio, at the
Lakeland Medical Building, 25701 North Lakeland
Boulevard, Cleveland, Ohio, on Monday, the 17th day
of October, 1994, at 2:16 p.m.

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HOLLAND & ASSOCIATES
(216) 621-7786

1 APPEARANCES:

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Spangenberg, Shibley, Traci, Lancione &
Liber, by
Mr. John G. Lancione,

On behalf of the Plaintiffs;

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Jacobson, Maynard, Tuschman & Kalur, by
Ms. Anna M. Carulas,

On behalf of Defendants
Arthur E. Van Dyke, M.D.,
Thomas E. Driscoll, M.D.;

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Jacobson, Maynard, Tuschman & Kalur, by
Mr. R. Mark Jones,

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On behalf of Defendants
Kent H. Johnston, M.D.,
University Surgeons, Inc.

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1 ARTHUR E. VAN DYKE, M.D.,
2 of lawful age, a Defendant herein, called for
3 cross-examination by the Plaintiffs, being by me
4 first duly sworn, as hereinafter certified, deposed
5 and said as follows:

6 CROSS-EXAMINATION

7 BY MR. LANCIONE:

8 Q. Would you state your full name for the
9 record, please?

10 A. It's Arthur Edmund Van Dyke.

11 Q. I have a CV here, Doctor, that consists of
12 four pages. Is that an up-to-date document?

13 A. There are a couple of additions that I could
14 make for more recent professional service
15 activities.

16 Q. What about publications?

17 A. No additional publications.

18 Q. Back in March of 1991 what were your
19 professional activities?

20 A. I practiced internal medicine and cardiology
21 with a subspecialty in cardiology.

22 At that time went to Geauga Hospital and
23 Meridia Hillcrest, Euclid and Huron Hospitals.

24 Also was director of the cardiac
25 catheterization lab at Meridia Hillcrest Hospital,

1 on the quality assurance committee and the chairman
2 of that committee. At Meridia Hillcrest Hospital on
3 various committees, including coronary care
4 committee at both Hillcrest and Euclid.

5 I don't know how much -- these are all
6 repetitious of what's in the CV. If you want me to
7 keep going --

8 Q. Did you have a single professional address?

9 A. This is where we're sitting today is my main
10 address. But we have other offices that we use.

11 This is **25701** North Lakeland Boulevard in
12 Euclid, **44132**.

13 Also have an office in Hillcrest Medical
14 Building on Mayfield Road.

15 Also we were subleasing some office space in
16 Chardon from Drs. Ansari and Mayer at that time.

17 Q. What were your catheterization activities
18 insofar as the performance of cardiac
19 catheterizations in March of 1991? Were you
20 performing them?

21 A. Oh, yes, absolutely.

22 Q. Where?

23 A. I was performing them at Meridia Euclid,
24 Meridia Hillcrest and Meridia Huron Hospitals.

25 Q. Was this done on a rotating basis? There

1 were certain days at certain institutions? Or was
2 it by appointment? Just how was it done?

3 A. We would schedule -- each of the
4 cardiologists would schedule our own patients.
5 There was no rotation.

6 If we had a patient who needed it, we would
7 call up and check with scheduling and when there was
8 an open slot then we would go ahead and schedule the
9 patient then.

10 Q. Was there any kind of a team that you had at
11 each institution that you worked with?

12 A. There were cath lab technicians and nurses we
13 worked with which were different people at each of
14 those three institutions.

15 Q. When you performed the catheterizations did
16 you have any other physicians that assisted you at
17 any of the institutions where you did that work?

18 A. No.

19 Q. So you would have been the only cardiologist
20 present --

21 A. Yes.

22 Q. -- during the routine type of a
23 catheterization?

24 A. That is correct.

25 Q. Approximately how many catheterizations are

1 you performing weekly, monthly or yearly? Whatever
2 way you can give me an explanation.

3 A. I would say roughly 200 to 250 counting
4 angioplasties, or **150 to 250**. I don't have an exact
5 number for you. Ball park that's about right.

6 Q. Is that still about the same?

7 A. Yes.

8 Q. How did you happen to become involved with
9 Ralph Major as a cardiology consultant?

10 A. He presented as I recollect to the best of my
11 recollection at the Euclid emergency room.

12 Since I had spent a number of years and my
13 partners also at University Hospitals of Cleveland,
14 it is quite often that if a patient whose internist
15 is from University Hospitals of Cleveland has a
16 patient who arrives there they'll call our group
17 since they don't come there to help them out.

18 My partner, Dr. Botti, Junior, admitted the
19 patient, saw him on the first day. And then since
20 he could no longer go to Euclid because of some
21 scheduling conflicts I picked up the case the next
22 day.

23 Q. When did you first see Mr. Major?

24 A. March 9th of **1991**.

25 Q. Prior **to** that time your partner, Dr. Botti,

1 saw him?

2 A. That is correct.

3 Q. When you saw Mr. Major did you familiarize
4 yourself with his history?

5 A. Yes, I did.

6 Q. What did you learn about him?

7 A. Well he was a gentleman who had been having
8 chest discomforts described as tightness lasting two
9 to five minutes on occasion with lightheadedness.

10 No associated shortness of breath or sweating.

11 Several of his episodes had occurred after meals.

12 He never had any radiation of the discomfort
13 to his jaw or his arms. He did have some fleeting
14 radiation to his right scapular area, which is the
15 shoulder bone in the back.

16 All of these episodes were at rest rather
17 than with exercise. He had had some mid abdominal
18 discomfort along with this discomfort.

19 I also was aware in terms of his -- what we
20 call his cardiac risk factors: That he was not a
21 smoker, did not have high blood pressure, did not
22 have diabetes and that his cholesterol was normal.

23 I was also aware of the results of the
24 laboratory data and the chart, his EKG's and his
25 ultrasound results.

1 Q. Were you aware of the records that were
2 generated prior to your seeing him?

3 A. Yes, sir.

4 Q. Emergency room records?

5 A. Yes, I would have looked at that.

6 Q. The history and physical --

7 A. Yes.

8 Q. -- from the 8th of March?

9 You would have read those over?

10 A. I would have looked at those, yes, sir, and
11 read them.

12 Q. In fact, you countersigned the admission
13 progress notes, didn't you?

14 MS. CARULAS: What pages?

15 Q. It looks like Botti --

16 A. Yeah.

17 Q. -- and Van Dyke. I'm not sure who wrote
18 that.

19 A. Yes, Dr. Botti wrote that and I countersigned
20 it, meaning that I had read it.

21 For precision, that's Dr. Botti, Junior since
22 I have two partners who are Dr. Botti.

23 Q. Okay. Was there anything about the
24 impressions of Dr. Botti, Junior or his plan that
25 you disagreed with?

1 A. No, sir.

2 Q. What was your impression?

3 A. My impression was that this gentleman had
4 some chest discomfort and I was unsure of what was
5 causing it.

6 One possible cause was the heart, coronary
7 artery disease and that it might be angina.

8 Another possibility was that it was not the
9 heart, of which the most likely cause at that point
10 since I had access to the results of the ultrasound
11 and his elevated bilirubin was gallbladder,

12 But I also agree with Dr. Botti, Junior's
13 note that other possibilities such as gastritis or
14 peptic ulcer disease were lower probabilities but
15 were possibilities.

16 Q. What EKG's had you looked at at that time on
17 the 9th of March?

18 A. I would have looked at all that had been done
19 at Euclid as of that date.

20 I would have for sure seen the one dated
21 March 8th. And I would have seen the one on March
22 9th as well. Those would have been the two.

23 Q. Your opinion about those was that there were
24 no abnormalities?

25 A. That there were no ischemic type changes.

1 There's some minor abnormalities such as left
2 axis deviation, but nothing to make me think of
3 active acute coronary artery disease, that is
4 correct.

5 Q. Was there anything that indicated previous
6 ischemic injury?

7 A. Not to -- not in my opinion.

8 Q. Is angina pain from muscle ischemia; is that
9 the originator of it?

10 A. Angina is discomfort that occurs because of
11 ischemia or a lack of adequate blood supply to the
12 muscle relative to the then-current demands of the
13 heart muscle. We talk about a supply and a demand
14 ratio.

15 Q. Were there clinical features of Ralph Major's
16 presentation that were inconsistent with acute MI?

17 A. Yes, very strongly.

18 Q. What were they?

19 A. The brevity of the symptoms definitely
20 mediated against an acute MI. We're talking just
21 about symptoms right now as opposed to labs?

22 Q. Yes, symptoms.

23 A. The fact that it was not coming on with
24 exertion but was coming on after meals was not
25 consistent with its being an acute MI.

1 The fact that it was not associated with
2 shortness of breath.

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3       The fact that it -- those are the main
4 things.
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5 Q. What about the laboratory results?

6 A. The cardiac enzymes, so-called CPK's, were
7 all normal as well and mediated against this being a
8 heart attack or an infarct.

9 Q. Were Mr. Major's chest pains relieved by

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1 A. I'm about halfway down that page as we're
2 talking here. Let's see.

3 He did have an episode of pain 4:55 p.m.

4 Q. He described it as a knot; is that what
5 you're talking about?

6 A. A knot in the right breast area, that is
7 correct.

8 And up higher under medications there is an
9 indication that he received nitroglycerin.

10 Q. Does it say nitropaste?

11 A. There was also nitropaste, that is also a
12 nitroglycerin to the skin, yes, sir.

13 It's not clear to me from reading this
14 whether his discomfort, which only lasts two to five
15 minutes anyway, responded to that nitroglycerin or
16 was destined to go away whether he took the
17 nitroglycerin or not.

18 I also do not see on the emergency room notes
19 anywhere where it says that the nitroglycerin
20 relieved the pain.

21 Q. Is there any difference in the appearance of
22 the tracing on EKG when there is heart muscle
23 ischemia from either a clot that closes down an
24 artery or whether it is from an acute episode like
25 that or a gradual clotting from plaque formation?

1 Is there any difference in the appearance of an
2 ischemic event?

3 A. I'm sorry. Can you --

4 Q. I'm not putting that very clearly, I'm
5 afraid.

6 There is an appearance that's typical of an
7 ischemic event on an EKG; is that right?

8 A. There are multiple possible appearances.

9 Oftentimes there are changes on the EKG
10 during an ischemic event, that is correct. But
11 there's not just a single characteristic pattern,
12 there are multiple possible patterns.

13 Q. Does all ischemia whether it's acute or in
14 the past present in a similar fashion on an EKG?

15 A. No.

16 Q. What causes a differing appearance?

17 A. Well, for example, if the ischemia results in
18 an infarct, then you will have findings or you may
19 have findings of an infarct.

20 If the ischemia is acute and transmural you
21 may have ST segment elevations.

22 If the ischemia is subendocardial then you
23 may have ST segment depressions, the ST segment may
24 go down and your T waves may flip over.

25 So there are multiple patterns,

1 Q. From any of those patterns can you tell the
2 cause of the ischemia or the actual death of tissue
3 other than the fact that it's not getting oxygen and
4 that's why it's happening?

5 A. You cannot tell what the underlying
6 pathoanatomy is, if that's what you're getting at.
7 Although statistically speaking we know what it is
8 in most cases.

9 Q. What is that?

10 A. In most cases it's coronary artery disease
11 with atherosclerosis, either with an increase in the
12 demand -- in other words, if someone went out and
13 ran around and then rested they might get their
14 ischemia because their demands went up or because of
15 a decrease in supply.

16 Q. As a result of your examination of the
17 patient and your review of the history and the
18 records what did you determine should be done from
19 your cardiology viewpoint?

20 A. At that point we're talking about the first
21 day I saw him?

22 Q. Yes.

23 A. I thought that we needed to exclude a heart
24 attack which was in the process of being done. And
25 that we also needed to exclude a major acute

1 elevation of his liver function tests.

2 And lacking those two phenomena I thought he
3 needed a heart catheterization to look for the most
4 common cause of cardiac chest pain.

5 Q. What transpired? What was done?

6 A. We did indeed -- I went over his ultrasound
7 with the radiologists. I went over his ultrasound
8 with the surgeon, Dr. Niemczura.

9 We discussed this with the patient, discussed
10 the risks of and rationale behind doing a heart
11 catheterization.

12 He consented to that catheterization and I
13 performed that catheterization and found only minor
14 disease.

15 Q. What was it that you discussed and reviewed
16 concerning the ultrasound?

17 A. Well I went and looked at the ultrasound with
18 the radiologist. And he indicated -- the
19 radiologist indicated to me, since I don't read
20 ultrasounds of the gallbladder, that there was the
21 presence of a gallstone but without any thickening
22 or dilatation of the gallbladder wall, and that the
23 gallstone was in the area of the neck of the
24 gallbladder where it has a tendency to obstruct and
25 cause symptoms.

1 Q. You recommended after that that he have a
2 catheterization?

3 A. Well it looked to me like he was going to
4 need gallbladder surgery and I wanted to make with
5 reasonable certainty sure that it was safe for him
6 to undergo that surgery. And yes, I did recommend
7 that.

8 There's nothing to say that people can't have
9 two things going on at once. And the lack of the
10 dilatation of the gallbladder and the lack of the
11 thickening of the gallbladder wall made me want to
12 be as sure as reasonable --

13 Q. You performed the heart catheterization?

14 A. Yes, sir, I did.

15 Q. During the catheterization did you have a
16 monitor to observe?

17 A. Yes.

18 Q. Or was it afterwards that you reviewed it?

19 A. There are multiple monitors that we observe
20 during the case. If you clarified the question I'll
21 be happy --

22 Q. Well, do you make permanent records?

23 A. Yes, we take actual x-ray film which is
24 developed.

25 We have temporary records in the form of

1 video tape.

2 I also see the actual images while they're
3 being taken live under fluoroscopy.

4 so I'm actually looking at those images by
5 three different modalities.

6 Q. Now we have what I understand to be an
7 original tape of the catheterization, Have you seen
8 that?

9 A. Yes, I would have seen that when I dictated
10 this report.

11 Q. Have you seen it since that time?

12 A. No, sir.

13 Q. I think that is in the form of a 35
14 millimeter film?

15 A. Cineangiogram, that's correct.

16 Q. Are there any other films or x-ray type
17 documents that have been produced from the
18 catheterization other than that cineangiography
19 tape?

20 A. Well there would have been the video tape,
21 but by now that gets -- once we develop the film
22 that gets taped over. So, I mean, that's long gone.

23 Q. All right.

24 A. But it basically is a lower grade resolution
25 replica of what you see on the cineangiography

1 films.

2 Q. All right. Anything else? Any blowups of
3 the cineangiography films?

4 A. No, sir.

5 Q. What were the abnormalities, if any, that you
6 found as a result of the catheterization?

7 A. We measure pressures inside of the heart in
8 pulling back across what's called the aortic valve
9 which lets the blood from the main pumping chamber
10 of the heart out into the body. And there was an
11 elevation of what we call the end diastolic pressure
12 within that cavity.

13 Q. What does that mean?

14 A. That means that the pressure was higher than
15 normal. That often reflects either an old heart
16 attack, which was not the case in this man's case,
17 or a stiffening of the left ventricle that can come
18 from multiple causes.

19 It can also reflect drug usage. And indeed
20 he was on a beta blocker type drug and that can also
21 cause this.

22 So there are multiple possible causes.

23 There was some minor irregularity in the
24 coronary arteries themselves, a 10 to 20 percent
25 narrowing in what's called the left main coronary

1 artery.

2 The left anterior descending also had a 10 to
3 20 percent narrowing in its mid vessel that was
4 fixed, as well as a 50 to 60 percent what we call a
5 myocardial bridge or a systolic compression.

6 The left circumflex was large and dominant
7 and was normal. The right coronary was small and
8 nondominant and was also normal.

9 And the left ventricle showed completely
10 normal squeezing down or contractions.

11 That myocardial bridge or systolic
12 compression means that during the contraction phase,
13 we call it systole, the heart that -- that artery
14 tunnels under a little bit of muscle and so it
15 basically is squeezed during systole.

16 During diastole when the heart is filling and
17 resting the vessel was completely open with no
18 obstruction. And that is when most of coronary
19 artery blood flow occurs is during that resting
20 phase in normal people as well as in this gentleman.

21 There was absolutely no narrowing where the
22 myocardial bridge was during diastole, that's why I
23 know it's due to tunneling under the muscle.

24 Q. What were the abnormalities?

25 A. All of the things I just listed for you.

1 Q. All the things? They were all --

2 A. It's not normal to have any -- it's not
3 normal to have any narrowing of the coronary artery.

4 Q. Were any of those findings consistent with
5 any kind of diminution in blood supply to any part
6 of the heart?

7 A. Not at rest when this man's symptoms were
8 present.

9 Q. Is there any way to detect clots that might
10 be in any of the arteries of the heart during a
11 catheterization?

12 A. There are certain specific angiographic
13 appearances, appearances that we see on the film
14 that we referred to earlier that would be suggestive
15 of clot, yes, sir.

16 He did not have those.

17 Q. What are they? What do they look like?

18 A. There's a fuzziness of the margins.
19 Sometimes you can see a filling defect with the dye
20 flowing around it with irregular margins. Sometimes
21 you can see a little tail actually floating in the
22 breeze and flapping around off a little pedicle or
23 stalk.

24 So again there are multiple different types
25 of appearance.

1 Q. Would that be different than something that
2 would indicate an ischemia? In other words, what
3 you're telling me is that you can see things on the
4 angiography that give the appearance of a clot.

5 I'm talking about any other manifestations
6 that would indicate not simply a clot, but some kind
7 of an ischemic event going on.

8 A. Well I would have expected if there was an
9 acute ischemia for the patient to have chest pain.
10 We monitor their EKG throughout the test; I would
11 have expected to see changes there.

12 I would have expected a reasonable likelihood
13 of seeing a change in the wall motion on his left
14 ventricle, and on his left ventriculogram that was
15 completely normal.

16 If there were another cause such as a major
17 atheroma or cholesterol, I would expect that these
18 10 to 20 percent narrowing I told you about when
19 he's at rest would have been 90 percent or greater.

20 So again a multiplicity of possibilities.

21 Q. Do you recall making any observation of his
22 platelet count prior to the time of your
23 catheterization?

24 A. I would have looked at Dr. Botti's note which
25 I countersigned, and that meant I would have seen it

1 there. It's listed in his note.

E I would have also looked at all of his lab
2 results. And I believe I even comment on his liver
3 function tests completely -- specifically.

4 But I would have looked at all of those prior
5 to the catheterization, yes, sir.

6 Q. When you became aware of his elevated
7 platelet count what significance did that have to
8 you?

9 A. By far the most common cause of an elevated
10 platelet count is a reaction to something else,
11 something that's called an acute phase reactant.
12 It's a very nonspecific finding in the vast majority
13 of cases.

14 I've seen it many times after people with
15 infectious processes. I've seen it in people with
16 acute gallbladder problems. I've seen it with
17 people with cancers can sometimes have it elevated.
18 It's a nonspecific finding.

19 And usually the significance is what's
20 causing it to be high, you look for what caused it
21 to be elevated.

22 In this case I had a reasonable explanation
23 in the acute gallbladder process.

24 Q. Who usually determines the cause or the
25

1 significance of an elevated platelet count?

2 A. In my particular practice? I'm not sure what
3 you mean by that.

4 Q. First of all your practice.

5 A. In my practice if I have another cause for it
6 that's a reasonable cause for it, then I make that
7 determination as an internist.

8 I've been trained at University Hospitals of
9 Cleveland in general internal medicine and this is
10 one thing that we look at.

11 If I see no explanation for it or if it's
12 greater than a million, which is the level at which
13 I was taught that it's something that may start
14 causing a problem, then at that point I will call in
15 a hematologist to get a second opinion.

16 Q. What are the possible complications that
17 might relate to the symptoms of chest pain when you
18 have an elevated platelet count?

19 MS. CARULAS: I'm going to
20 object to that. I don't understand it.

21 THE WITNESS: I don't
22 understand the question, so I'm going to ask
23 him to rephrase it anyway.

24 Q. Relating to a platelet count of over 800,000,
25 is there any possibility that you know about that

1 thromboemboli may be something that the patient
2 suffers from?

3 MS. CARULAS: Objection.

4 A. Thromboemboli are something that can happen
5 no matter what the platelet count.

6 So if you're asking can it happen above
7 800,000, yes. It can also happen with a normal
8 platelet count. It can also happen with a low
9 platelet count.

10 Q. Well have you gotten consultations from
11 hematologists where patients have had a platelet
12 count either over 800,000 or over a million?

13 A. I believe I have. But they're relatively
14 rare that they're greater than a million in general.

15 I mean, I have a patient that I saw in the
16 office last week and now, I mean, his platelet count
17 is about 650 to 700,000, and I've got another cause
18 for his elevated count also which is he's got an
19 inflammatory syndrome after bypass surgery.

20 And because of this case I've gone back to
21 check on my knowledge and have spoken to other
22 hematologists and they continue to reaffirm what I
23 was taught, which was that unless it's greater than
24 a million we generally don't worry about it.

25 Q. Do platelets have anything to do with

1 coagulation?

2 A. Yes, sir.

3 Q. Is that any consideration, is that of any
4 importance to you as a cardiologist to be concerned
5 about either greatly elevated or greatly diminished
6 platelet counts?

7 A. Yes, sir.

8 Q. But under the circumstances of this case I
9 take it that you felt that the gallbladder disease
10 was enough of an excuse for the platelet count to be
11 elevated to the 800,000 level?

12 A. A cause.

13 Q. A cause.

14 A. Right. Wouldn't call it an excuse.

15 Q. You didn't think it could have anything to do
16 with his chest pain?

17 A. It was unlikely to have anything to do with
18 his chest pain at that level. If it had been
19 greater than a million it would have had a greater
20 likelihood of having some relationship to his
21 symptoms.

22 Q. Why?

23 A. Because not being a hematologist that's what
24 I was taught, I was taught in the textbooks I've
25 read and I was taught by hematologists that rarely

- 1 above -- below a level of a million does a high
2 platelet count result in any clotting problems.
- 3 Q. Is a clotting problem the thing that will be
4 the risk if someone had an extremely elevated
5 platelet count?
- 6 A. Either a clotting problem or a bleeding
7 problem. They can both happen; depends how the
8 platelets work. It's not just the number, it's what
9 they're doing.
- 10 Q. Would a clotting problem possibly relate to
11 chest pain in a patient?
- 12 A. If it occurred in the coronary arteries it
13 could, yes.
- 14 Q. You didn't feel the necessity to consult with
15 any hematologists in this case then?
- 16 A. No, sir. Elevated platelet counts are very
17 common as a nonspecific reactant. And we had
18 another explanation for this man's problems, not
19 just mine but also agreed to by the surgeon I had
20 see this man along with me.
- 21 Q. The surgeon here or at --
- 22 A. Surgeon at Euclid Hospital.
- 23 Q. Euclid Hospital?
- 24 A. Right. I discussed this personally with him
25 and we reviewed the ultrasound.

1 Q. Well did you discuss the platelet count with
2 him, too?

3 A. I don't recall, sir, at this -- it's years
4 ago. But I asked him for a normal consult and I'd
5 asked him to review the chart and review the patient
6 and look at the labs.

7 It certainly would have been my understanding
8 that he would have looked at those. It's hard to do
9 the consult without looking at the data.

10 Q. Right.

11 He recommended gallbladder surgery, didn't
12 he?

13 A. Yes, sir.

14 Q. Did Ralph Major have unstable angina at any
15 time?

16 A. That was a consideration when he came in.
17 And after doing his cardiac catheterization it was
18 my impression that he had not had that.

19 But that was in what we call the differential
20 diagnosis, that was one of the possibilities, and
21 indeed that's precisely the reason I did the heart
22 catheterization.

23 Q. After Mr. Major was discharged did you ever
24 see him again?

25 A. No, sir.

1 Q. Did you talk to any of the physicians that
2 took care of him later at University Hospital?
3 A. Yes, sir, I did.
4 Q. Who did you talk to?
5 A. I spoke to a Dr. Thomas Driscoll.
6 MR. JONES: I'm sorry. What
7 was the name?
8 THE WITNESS: Driscoll,
9 D-R-I-S-C-O-L, or two L's. I'm not sure.
10 MR. LANCIONE: I think it's two
11 L's.
12 Q. When did you talk to Dr. Driscoll?
13 A. After the -- after the gallbladder surgery
14 and after he had had a heart attack and after he had
15 had the paralysis. The patient I'm talking about,
16 not Dr. Driscoll.
17 Q. What was your discussion about?
18 MS. CARULAS: Objection.
19 You can go ahead.
20 A. Okay. I'd been informed by Dr. Niemczura
21 that he had heard from someone, and I don't remember
22 who, that Mr. Major had had a complication.
23 And as in all cases where I've been involved
24 in a patient's care I always seek to try and find
25 out what was going on in terms of their care. If

1 there's a complication and a heart attack when I've
2 done a heart catheterization which showed no cause
3 for it, it's something I wanted to discuss to see
4 what had happened.

5 Q. Did you find out what happened?

6 A. No. I mean, I found out he had a heart
7 attack but I did not find out a reason for it other
8 than the fact that they did find that his blood
9 vessel was blocked. And I'm not sure whether that's
10 what you're after.

11 He had the heart attack because his blood
12 vessel was blocked, his left anterior descending.

13 Q. Blocked with a clot?

14 A. That it was blocked presumably with a clot,
15 that's the most likely cause by far.

16 Q. Well did you find out specifically whether
17 there was a clot? Did they confirm that there was a
18 clot that blocked the artery?

19 A. I do not recall.

20 But again statistically speaking that would
21 be most likely the cause, given that the vessel was
22 open just a few weeks earlier at my catheterization.

23 MS. CARULAS: Just so the
24 record is clear, too, Dr. Van Dyke did send a
25 letter to Dr. Thompson which was a one page

1 letter.

2 A. I probably called Dr. Thompson also to
3 discuss this man as he was going home. I don't
4 directly recollect that or have any direct knowledge
5 of exactly what I said. But I would have phoned him
6 as well.

7 That would have been before anything at
8 University Hospital itself, before his admission to
9 University Hospitals.

10 Q. So due to the fact of your catheterization
11 results you would not have suspected that any of his
12 arteries could have closed down in that short period
13 of time, but rather that there would have been a
14 clot in one of the major arteries that was
15 responsible for his heart attack at University
16 Hospital?

17 A. The most likely statistical cause would have
18 been a clot.

19 MR. LANCIONE: That's all I
20 have. Thank you.

21 MR. JONES: No questions.

22 MS. CARULAS: Doctor, you have
23 the right to read this over or you can waive
24 your signature.

25 THE WITNESS: I would like to

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read it.

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Arthur E. Van Dyke, M.D.

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1 State of Ohio,)
 2 County of Cuyahoga.) SS: CERTIFICATE

3 I, Michelle A. Bishilany, a Registered
 4 Professional Reporter/CM and Notary Public within
 5 and for the State of Ohio, do hereby certify that
 6 the within named witness, ARTHUR E. VAN DYKE, M.D.,
 7 was by me first duly sworn to testify the truth, the
 8 whole truth, and nothing but the truth in the cause
 9 aforesaid; that the testimony then given was reduced
 10 by me to stenotypy in the presence of said witness,
 11 subsequently transcribed into typewriting under my
 12 direction, and that the foregoing is a true and
 13 correct transcript of the testimony so given as
 14 aforesaid.

15 I do further certify that this deposition was
 16 taken at the time and place as specified in the
 17 foregoing caption, and that I am not a relative,
 18 counsel or attorney of either party or otherwise
 19 interested in the outcome of this action.

20 IN WITNESS WHEREOF, I have hereunto set my hand
 21 and affixed my seal of office at Cleveland, Ohio,
 22 this 20th day of October, 1994.

23 Michelle A. Bishilany
 24 Michelle A. Bishilany, Holland & Associates, Inc.
 25 608 TransOhio Tower, Cleveland, Ohio
 My commission expires 1-11-96.