#### **JANUARY 9,2001**

# J. JEFFREY ALEXANDER, M.D. Walter vs. MetroHealth Medical Center, et al.

3 IN THE COURT OF COMMON PLEAS 1 1 J. JEFFREY ALEXANDER, M.D., a witness 2 OF CUYAHOGA COUNTY, OHIO 2 herein, called for examination, as provided by 3 3 the Ohio Rules of Civil Procedure, being by me 4 LESLIE WALTER, 4 first duly sworn, as hereinafter certified, was ADMINISTRATOR, ETC., 5 deposed and said as follows: 5 6 EXAMINATION OF J. JEFFREY ALEXANDER, M.D. Plaintiff, 7 BY MS, TOSTI: 6 VS Case No. 393899 8 Q. Doctor, would you please state your 7 9 nameforus. METROHEALTH MEDICAL 10 Α. John Jeffrev Alexander. 8 CENTER, et al.. 11 And your home address, please? Q. 9 Defendants. 12 A. 590 Chaorin River Road, Gates Mills. 10 13 Ohio. 11 14 Q. And your zip code? 12 - - - - -13 DEPOSITION OF J. JEFFREY ALEXANDER, M.D. 15 A. 44040. 14 TUESDAY, JANUARY 9,2001 16 Q. That's a single-family home? 15 17 А. Yes. Deposition of J. JEFFREY ALEXANDER, M.D., a 16 18 (Discussion off the record.) 17 Witness herein, called by counsel on behalf of 19 Q. Is your current business address here the Plaintiff for examination under the statute, 18 20 at MetroHealth Medical Center's main campus? taken before me, Vivian L. Gordon, a Registered 19 20 Diplomate Reporter and Notary Public in and for 21 A. Yes. the State of Ohio, pursuant to agreement of 21 22 Q. And is your current employer 22 counsel, at the offices of MetroHealth Medical 23 MetroHealth Medical Center? 23 Center, 2500 MetroHealth Drive, Cleveland, Ohio, 24 A. Yes. 24 commencing at 3:30 o'clock p.m. on the day and 25 Q. In March of 1998, was your business 25 date above set forth. 2 4 APPEARANCES: I address and your employer the same? 1 2 On behalf of the Plaintiff 2 A. Yes. 3 3 Becker & Mishkind, by Q. Aside from the services that you 4 JEANNE M. TOSTI, ESQ. 4 render for MetroHealth Medical Center, do you 5 5 Skylight Office Tower Suite 660 render professional services for any other entity? Cleveland, Ohio 44113 6 6 216-241-2600 7 7 A. I'mcurrently on staff at St. Vincent 8 8 Charity Hospital and the V.A. Hospital. 9 On behalf of the Defendant MetroHealth Medical 9 Q. And the services that you render at 10 those two hospitals, are those in regard to 10 Center Reminger & Rerninger,, by patient care involving vascular medicine? 11 11 12 JAMES MALONE, ESQ. 12 A. Vascular surgery. 13 The 113 St. Clair Building 13 Q. Vascular surgery? 14 Cleveland, Ohio 44114 14 A. Yes. 15 216-687-1311 15 Q. Have you had your deposition taken before, doctor? 16 16 17 On behalf of the Defendant Emergency Professional 17 A. Yes. Services and Thomas W. Graber, M.D. 18 Q. How many times? 18 19 Mazanec, Raskin & Ryder, by 19 Α. Four or five. 20 PAUL J. CRISTALLO, ESQ. 20 Q. Was your deposition being taken as a 21 100 Franklin's Row 21 defendant in a medical negligence case in any of 22 34305 Solon Road 22 those four or five times? 23 Solon. Ohio 44139 23 A. Twice. 24 440-248-7906 24 Q. In regard to those two times, what was 25 the allegation of negligence? - - - - -25

(Pages 1 to 4)

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<ul> <li>(Mr. Cristallo entered the room.)</li> <li>Q. In regard to the two times that you</li> <li>just referred to, would you tell me what the</li> <li>allegation of negligence was in those two cases?</li> <li>A. In the first case, which occurred</li> <li>about 12 years ago, I don't remember. The second</li> <li>case, which is pending, it's not clear to me what</li> <li>the allegation is.</li> <li>Q. Well, what was the allegation in the</li> <li>complaint that you received?</li> <li>A. I don't remember.</li> <li>Q. Has your deposition been taken on the</li> <li>one that is currently pending?</li> <li>A. Yes.</li> <li>Q. Do you recall who the plaintiff's</li> <li>attorney is in that case?</li> <li>A. Yes.</li> <li>Q. And what is the plaintiff's name in</li> <li>that case?</li> <li>A. Ezekiel Green.</li> <li>Q. And that case is filed in Cuyahoga</li> <li>County here?</li> <li>A. Yes.</li> </ul>	<ul> <li>medical/legal proceeding?</li> <li>A. No.</li> <li>Q. Have you ever given testimony in any</li> <li>case involving issues dealing with bacterial</li> <li>endocarditis?</li> <li>A. No.</li> <li>Q. Now, counsel has provided me with a</li> <li>copy of your curriculum vitae that has been</li> <li>marked as Plaintiffs Exhibit 1.</li> <li>10</li></ul>
61Q. Doctor, I am sure counsel has had an2opportunity to talk with you about some of the3ground rules for deposition. I am going to go4over those with you. This is a question and5answer session. It's under oath.6It's important that you understand my7question. If you don't understand it, let me8know and I'll be happy to repeat the question or9to rephrase it. Otherwise, I'm going to assume10that you understood my question and that you are11able to answer it.12It's important that you give all of13your answers verbally, because the court reporter14cannot take down head nods or hand motions.15At some point in time, defense counsel16may choose to enter an objection. You are still17required to answer my question unless counsel18instructs you not to do so.19And if at some point I see that20counsel has provided you with medical records.21If you would like to refer to the medical22records, feel free to do so.23Do you understand those directions?24A. Yes.25Q. Have you ever acted as an expert in a	<ul> <li>Q. Doctor, you are licensed to practice</li> <li>medicine in the State of Ohio: correct?</li> <li>A. Yes.</li> <li>Q. And you were also so licensed in March</li> <li>of 1998; is that correct?</li> <li>A. Yes.</li> <li>Q. You are board certified in several</li> <li>areas of medicine; is that correct?</li> <li>A. Yes.</li> <li>Q. Would you tell me what areas your</li> <li>board certifications are in?</li> <li>A. I am certified in general and vascular</li> <li>surgery.</li> <li>Q. How long have you been employed at</li> <li>MetroHealth Medical Center?</li> <li>A. Sixteen years.</li> <li>Q. Do you hold any administrative titles</li> <li>with MetroHealth Medical Center?</li> <li>A. I'm chief of vascular surgery at</li> <li>MetroHealth and I am head of the noninvasive</li> <li>vascular laboratory. I also serve on several</li> <li>committees, but I don't have any administrative titles</li> <li>ittle.</li> <li>Q. Did you hold those titles in 1998?</li> <li>A. Yes.</li> </ul>

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1	Q. In April and May of 1998, did you have	1	A. No, I can't.
2	any privileges at any hospitals besides	2	Q. If you have them in front of you, if
3	MetroHealth Medical Center?	3	you would like to just tell me the date of the
4	A. Yes.	4	visit.
5	Q. What hospitals?	5	(Pause.)
6	A. St. Vincent Charity Hospital and the	6	Q. Well, let me ask you this, doctor. Do
	V.A. Hospital.	7	you know if it was in March or in May that you
8 9	Q. Were those admitting privileges? A. Actually, I am not sure I had my V.A.	0 9	saw the emergency room records from Southwest? A. No,   don't.   didn't look at the
3	privileges at that time.	10	date when I reviewed. I thought there was only
11	Q. In regard to whichever hospitals you	11	one visit.
12	had privileges with in 1998, were they admitting	12	Q. There was one that immediately
	privileges, also?	13	preceded her admission to Metro, her in-house
14	A. Yes, they would allow me to admit	14	stay, and then there was one that occurred
1	patients.	15	several months before.
16	Q. Have you ever had your hospital	16	A. I believe it was the March visit that
	privileges called into question, suspended or	17	I saw her.
18 19	revoked? A. No.	18 <b>19</b>	MS. TOSTI: Doctor, if you need to take that page, go ahead.
20	Q. Now, doctor, you have a number of	20	THE WITNESS: Let me just step out for
	publications that are listed on your curriculum	21	a minute.
	vitae.	22	(Recess had.)
23	Do any of these publications deal with	23	Q. Doctor, we were discussing what you
1	the subject matter of bacterial endocarditis?	24	had reviewed in preparation for this deposition,
25	A. No.	25	and you had indicated to me that you reviewed
	10		12
1	10	1	12
1	Q. Do any deal with emboli from cardiac	1	selected records from MetroHealth Medical Center,
2	Q. Do any deal with emboli from cardiac origin?	2	selected records from MetroHealth Medical Center, and we have kind of identified that it may have
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	<ul> <li>Q. Do any deal with emboli from cardiac origin?</li> <li>A. No.</li> <li>Q. Have you ever taught or given formal presentation on the subject of arterial embolization as a result of infective endocarditis?</li> <li>A. No.</li> <li>Q. Tell me what you have reviewed in preparation for this deposition.</li> <li>A. I have reviewed the medical record, or I should say selective parts of the medical record, and I have also read through the depositions of Dr. Graber and Dr. Einstadter.</li> <li>Q. Now, in regard to the medical records, are you referring to MetroHealth medical records?</li> <li>A. Yes. I also reviewed briefly the records from Southwest General.</li> <li>Q. There were two emergency room visits to Southwest General Hospital, I believe, on March 10th, and again on May 8th. Did you look at records from both of those visits?</li> <li>A. No.</li> <li>Q. Can you tell me which records you did</li> </ul>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	<ul> <li>selected records from MetroHealth Medical Center, and we have kind of identified that it may have been the emergency room records from the March Southwest General Hospital visit that she had. In regard to the MetroHealth medical records, there were some outpatient department records as well as inpatient department records. Did you look at both of those?</li> <li>A. I looked at the emergency room visits where the vascular surgery service was consulted, and I looked at the visit or the admission leading up to our consultation.</li> <li>Q. So I take it you did not review the outpatient records, I believe that Dr. Einstadter provided care and Dr. Rakita?</li> <li>A. I didn't review Dr. Rakita's notes.</li> <li>Some of these were discussed in Dr. Einstadter's deposition, and there were a few outpatient notes earlier prior to all of the current problem.</li> <li>Q. Did you review any Cleveland Clinic records?</li> <li>A. No.</li> <li>Q. Any from her nursing home stay after discharge from Cleveland Clinic?</li> </ul>

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3 (Pages 9 to 12)

13	15
<ul> <li>1 Q. And the deposition testimony that you</li> <li>reviewed was just from two individuals, Dr.</li> <li>3 Graber and Dr. Einstadter; is that correct?</li> <li>4 A. Yes.</li> <li>5 Q. Since the filing of this case, have</li> <li>6 you discussed this case with any other</li> <li>7 physicians?</li> <li>8 A. No.</li> <li>9 Q. And other than with counsel, have you</li> <li>10 discussed the case with anyone else?</li> <li>11 A. No.</li> <li>12 Q. Aside from any records that may appear</li> <li>13 in the MetroHealth Medical Center medical records</li> <li>14 of Earline Mizsey, do you have any personal file</li> <li>15 or personal notes on this case?</li> <li>16 A. No.</li> <li>17 Q. Doctor, is there a particular textbook</li> <li>18 in your field of vascular surgery that you feel</li> <li>19 is the best or the most reliable?</li> <li>20 A. No.</li> <li>21 Q. Are there any publications as you sit</li> <li>here today that you believe have particular</li> <li>23 relevance to the issues in this case?</li> <li>24 A. No.</li> <li>25 Q. Have you participated in any research</li> </ul>	<ul> <li>Q. Is there a residency specifically in</li> <li>vascular surgery here at Metro?</li> <li>A. No.</li> <li>Q. So the residents that you were</li> <li>supervising, what residency, what type of</li> <li>residency were they in?</li> <li>A. They were in the general surgical</li> <li>residency program at Case Western Reserve</li> <li>University.</li> <li>Q. Now, in regard to the residents that</li> <li>you were supervising, were they required to</li> <li>discuss their findings? If they were seeing</li> <li>patients, were they required to report back to</li> <li>you if you were supervising them as to what their</li> <li>findings were with particular patients?</li> <li>A. Yes.</li> <li>Q. Now, if a patient was seen in Metro's</li> <li>ER and I am speaking back in April, May of</li> <li>1998 and there was a consult to vascular</li> <li>surgery, how would that consult be handled? How</li> <li>would it go through the process and get to the</li> <li>appropriate person, from your knowledge?</li> </ul>
<ul> <li>1 dealing with the subject of infective</li> <li>endocarditis?</li> <li>A. No.</li> <li>Q. I am going to be a little more</li> <li>specific. Any dealing with vascular</li> <li>complications arising from infective</li> <li>endocarditis?</li> <li>A. No.</li> <li>Q. Would you describe for me just in</li> <li>general terms your professional practice as it</li> <li>was in April through May of 1998.</li> <li>A. My job responsibilities included the</li> <li>clinical diagnosis and treatment of peripheral</li> <li>vascular disorders, teaching of residents and</li> <li>medical students and performing of research.</li> <li>Q. Was the majority of your time spent in</li> <li>clinical practice?</li> <li>A. Yes.</li> <li>Q. And in the supervision of residents,</li> <li>did you also supervise any medical students or</li> <li>people of less training, or were they all</li> <li>residents that you supervised?</li> <li>A. We have medical students rotating</li> <li>through the service on occasion, but we don't</li> <li>always have a student on our service, no.</li> </ul>	<ul> <li>A. The patient would first be evaluated</li> <li>by an emergency department physician, and if it</li> <li>was felt appropriate, then the vascular resident</li> <li>would be called to evaluate the patient. The</li> <li>resident would then examine the patient and would</li> <li>contact me to discuss the findings and to</li> <li>determine a treatment plan.</li> <li>Q. Now, if a consult was directed to you</li> <li>and you weren't available, how would that be</li> <li>handled?</li> <li>A. The same way. The resident would</li> <li>evaluate the patient and then contact me.</li> <li>Q. Were you available 24 hours a day,</li> <li>seven days a week?</li> <li>A. Yes.</li> <li>Q. Was there any other I'm going to</li> <li>call you an attending vascular surgeon that</li> <li>was also supervising the residents that may take</li> <li>some of the consults from the emergency room?</li> <li>A. No.</li> <li>Q. So you were the only person that would</li> <li>receive consults from the emergency room?</li> <li>A. At that time, yes.</li> <li>Q. Who is Dr. Storoe?</li> <li>A. He was a resident on the vascular</li> </ul>

4 (Pages 13 to 16)

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1 surgery service.	1 usually sudden in onset?
2 Q. Do you know what year resident he was	2 A. Yes.
3 in 1998?	3 Q. And is the pain associated with emboli
4 A. No.	4 to the lower extremity usually present even at
5 Q. Now, if there was a consult for	5 rest?
6 vascular surgery that was requested from the	6 A. Generally, yes.
7 emergency room and the patient was seen, woul	d 7 Q. Are there any diagnostic tests that
8 there be a separate consult note written by	8 are helpful in determining if there has been
9 vascular surgery?	9 emboli to the arteries supplying the lower
10 A. Generally, there would be, yes.	10 extremities?
11 Q. Doctor, in your practice, have you	11 A. There are no tests that will tell you
12 seen patients that have experienced vascular	12 specifically if the patient has embolic
13 complications as a result of bacterial	13 occlusion.
14 endocarditis?	14 Q. My question was, are there any that
15 A. I can only remember one.	15 are helpful in determining if there has been
16 Q. When did you see that particular	
17 patient?	17 A. I wonder if you could rephrase.
18 A. Several years ago. It was actually a	18 Helpful in what way?
19 patient treated at University Hospital, though.	19 Q. Helpful to the physician, clinician to
20 Q. Was that an arterial embolization or a	20 come to a determination as to whether there has
21 stroke?	21 been emboli to the lower extremity.
22 A. It was a femoral embolization.	22 A. Many times the diagnosis is based on
23 Q. Patients that have bacterial	23 clinical findings and doesn't require testing.
24 endocarditis can in some instances have	24 Q. Well, doctor, I'm asking you then
25 vegetative embolisms to the arteries in the lower	25 and correct me if I am wrong. You don't consider
	8 20
<ol> <li>extremities, though; correct?</li> <li>A. Yes.</li> <li>Q. What signs or symptoms may be seen if</li> <li>that does occur? What would be some of the signs</li> <li>and symptoms that might be observable if that</li> <li>occurs?</li> <li>A. It depends on the size of the embolus.</li> <li>Q. If you could describe for me the</li> <li>variations as to what signs and symptoms you</li> <li>could see, the small embolizations, large</li> <li>embolizations.</li> <li>A. Large emboli would result in larger</li> <li>artery occlusion, which would lead to coldness,</li> <li>neurologic symptoms, absence of pulses, and</li> <li>pain, Smaller emboli would probably not cause</li> <li>those same symptoms, but may lead to</li> <li>discoloration of the toes, and they are called</li> <li>petechia or splinter hemorrhages beneath the nail</li> <li>beds.</li> <li>Q. Does the place in the arterial system</li> <li>where the embolism becomes lodged have an impact</li> </ol>	<ol> <li>any particular diagnostic test to be helpful to</li> <li>you in making the diagnosis of peripheral emboli?</li> <li>A. We are not talking about endocarditis,</li> <li>or are we talking about any peripheral emboli?</li> <li>Q. My question was peripheral emboli.</li> <li>A. I think physical exam is probably the</li> <li>most important in determining the history.</li> <li>Physical examination are probably the most</li> <li>important findings.</li> <li>Q. But no particular diagnostic tests,</li> <li>like arteriograms, you don't find those helpful?</li> <li>A. Generally, we don't do arteriography</li> <li>for embolization. If a patient has EKG changes,</li> <li>that might be helpful in increasing one's index</li> <li>of suspicion, but it's not diagnostic.</li> <li>Q. And there aren't any other vascular</li> <li>studies that you consider to be particularly</li> <li>helpful if you are trying to determine if a</li> <li>patient has had peripheral emboli?</li> </ol>
<ol> <li>extremities, though; correct?</li> <li>A. Yes.</li> <li>Q. What signs or symptoms may be seen if</li> <li>that does occur? What would be some of the signs</li> <li>and symptoms that might be observable if that</li> <li>occurs?</li> <li>A. It depends on the size of the embolus.</li> <li>Q. If you could describe for me the</li> <li>variations as to what signs and symptoms you</li> <li>could see, the small embolizations, large</li> <li>embolizations.</li> <li>A. Large emboli would result in larger</li> <li>artery occlusion, which would lead to coldness,</li> <li>neurologic symptoms, absence of pulses, and</li> <li>pain, Smaller emboli would probably not cause</li> <li>those same symptoms, but may lead to</li> <li>discoloration of the toes, and they are called</li> <li>petechia or splinter hemorrhages beneath the nail</li> <li>beds.</li> <li>Q. Does the place in the arterial system</li> </ol>	<ol> <li>any particular diagnostic test to be helpful to</li> <li>you in making the diagnosis of peripheral emboli?</li> <li>A. We are not talking about endocarditis,</li> <li>or are we talking about any peripheral emboli?</li> <li>Q. My question was peripheral emboli.</li> <li>A. I think physical exam is probably the</li> <li>most important in determining the history.</li> <li>Physical examination are probably the most</li> <li>important findings.</li> <li>Q. But no particular diagnostic tests,</li> <li>like arteriograms, you don't find those helpful?</li> <li>A. Generally, we don't do arteriography</li> <li>for embolization. If a patient has EKG changes,</li> <li>that might be helpful in increasing one's index</li> <li>of suspicion, but it's not diagnostic.</li> <li>Q. And there aren't any other vascular</li> <li>studies that you consider to be particularly</li> <li>helpful if you are trying to determine if a</li> <li>patient has had peripheral emboli?</li> <li>A. No.</li> <li>Doctor, if an emboli lodges in an</li> </ol>

5 (Pages 17 to 20)

## **JANUARY 9,2001**

#### J. JEFFREY ALEXANDER, M.D. Walter vs. MetroHealth Medical Center, et al.

в. <sub>у</sub>.

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21	23
<ul> <li>Q. What is ischemia?</li> <li>A. Ischemia is a condition of inadequate</li> <li>circulation to a tissue bed.</li> <li>Q. And what is peripheral vascular</li> <li>disease?</li> <li>A. it's a general term describing any</li> <li>disease of peripheral arteries or veins.</li> <li>Q. And what is ciaudication?</li> <li>A. Claudication is a symptom of pain,</li> <li>cramping or tiredness of muscle groups, which is</li> <li>brought on by activity and relieved with rest.</li> <li>Q. So if a patient continued to have pain</li> <li>at rest, that would argue against claudication?</li> <li>A. Patients can have claudication and</li> <li>pain at rest simultaneously.</li> <li>Q. Doctor, is there any way to</li> <li>differentiate between occlusion caused by</li> <li>peripheral vascular disease and occlusion caused</li> <li>by emboli?</li> <li>A. It's not easy to do. I would say</li> <li>there are no studies that can distinguish between</li> <li>these two, no.</li> <li>Q. What would be the indicators for</li> <li>surgical intervention and by that I mean</li> <li>removal of a thrombus or emboli in the lower</li> </ul>	<ul> <li>A. Dr. Storoe discussed it with Dr.</li> <li>Limsrichamrern, who was our chief surgical</li> <li>resident.</li> <li>Q. Dr. Storoe didn't speak to you</li> <li>directly about that?</li> <li>A. No.</li> <li>Q. Did he, after he spoke with the</li> <li>individual that you just mentioned, ever speak to</li> <li>you about that particular visit?</li> <li>A. I don't remember.</li> <li>Q. So, in effect, you did not participate</li> <li>in the evaluation of Earline Mizsey on April 26th</li> <li>of '98; is that correct?</li> <li>A. Dr. Limsrichamrern would've notified</li> <li>me and discussed the case.</li> <li>Q. Do you have recollection of him doing</li> <li>that?</li> <li>A. No.</li> <li>Q. Now, I believe Earline Mizsey was seen</li> <li>in Metro's ER again on May 6th of '98, and there</li> <li>is a referral note that is directed to you. Did</li> <li>you consult on Earline Mizsey on May 6th of '98</li> <li>when she was seen in the emergency room</li> <li>department?</li> <li>A. Yes.</li> </ul>
<ul> <li>22</li> <li>extremities, arterial system what would be the</li> <li>determinant factors as to whether surgery was</li> <li>indicated?</li> <li>A. Whether it's thrombosis or</li> <li>embolization, surgery is performed for a limiting</li> <li>claudication, rest pain, gangrene or a nonhealing</li> <li>ischemic ulceration.</li> <li>Q. Doctor, do you have an independent</li> <li>recollection of Earline Mizsey, as you sit here</li> <li>today? Do you recall her?</li> <li>A. Yes.</li> <li>Q. When is the first time that Earline</li> <li>Mizsey came under your care?</li> <li>A. She was first seen by my service on</li> <li>April 26th, 1998.</li> <li>Q. And that was for right lower extremity</li> <li>and thigh pain that started suddenly after</li> <li>stepping out of the shower: is that correct?</li> <li>A. According to the record, that's</li> <li>correct.</li> <li>Q. Did Dr. Storoe bring that particular</li> <li>assessment that he did to your attention on the</li> <li>26th? Did he discuss it with you?</li> </ul>	<ul> <li>Q. There is a consult note, I believe, in</li> <li>the record. Is that consult note written by you?</li> <li>A. No.</li> <li>Q. Who is that written by?</li> <li>A. I can't read the signature.</li> <li>Q. Did you actually go to the emergency</li> <li>room and see her?</li> <li>A. Yes.</li> <li>Q. Do you recall seeing her with anyone</li> <li>else from the vascular surgery service?</li> <li>A. No.</li> <li>Q. Did you see her with any resident that</li> <li>you were supervising at the time?</li> <li>A. I don't recall.</li> <li>Q. Who requested that you see her on May</li> <li>6th of '98?</li> <li>A. This request would have been made by</li> <li>the emergency department.</li> <li>Q. And how were you contacted for that</li> <li>consult?</li> <li>A. I don't recall.</li> <li>Q. What would be the usual way? Would</li> <li>they call you on the phone?</li> <li>A. They would evaluate the patient and</li> </ul>

# 6 (Pages 21 to 24)

# J. JEFFREY ALEXANDE<sup>(2)</sup>, M.D. Walter vs. MetroHealth Medical Center, et al.

#### **JANUARY 9,2001**

7 (Pages 25 to 28)

29	3:
1 helpful for further clarification.	1 that she had stepped out of the shower and had
2 When you saw her on May 6th of '98,	2 sudden onset of aching pain in her right leg,
3 were you aware that there was a suggestion that	3 radiating from her foot all the way up to her
4 she was having bioprosthetic valve deterioration	4 hip.
<ul> <li>5 that may be a potential embolic source?</li> <li>6 A. I don't recall whether I was or not.</li> </ul>	5 When you saw her on May 6th, did you
	6 have access to those notes from that emergency 7 room visit?
	8 A. I don't remember if the notes were
<ul><li>8 piece of information in your evaluation of her</li><li>9 peripheral vascular function?</li></ul>	
10 A. Not necessarily.	9 present at the time. 10 Q. Typically, when you are called to come
11 Q. Could her symptoms that you observed	10 Q. Typically, when you are called to come 11 down to see a patient in the emergency room, do
12 on May 6th of '98 have been caused by emboli to	
13 the arterial system to her lower extremities?	<ul><li>12 they have the patient's old chart available?</li><li>13 A. The charts can be made available if</li></ul>
14 A. Based on her history, we thought it	14 it's necessary.
15 was more likely that she had chronic occlusive	
16 disease.	
17 Q. I think you previously told me,	16 requesting it? 17 A. No, I don't.
18 though, it's difficult to make a determination	17 A. No, Toolft. 18 Q. Were you aware that vascular surgery
<ul><li>19 though, it's difficult to make a determination</li><li>19 between peripheral vascular disease and emboli.</li></ul>	19 had seen herjust ten days before when you saw
20 MR. MALONE: I am going to object. He	20 her on May 6th?
21 did not say that. He said there is no specific	21 A. Yes.
21 did not say that. The said there is no specific 22 test that would make the distinction. He didn't	
<ul><li>23 say it was difficult or anything of the sort.</li></ul>	<ul><li>Q. How were you aware of that?</li><li>A. Because my residents would have called</li></ul>
24 A. What I said was that the distinction	24 me and were probably involved in this evaluation,
25 is best made through taking a good history and	25 as well.
20	
30	3:
I doing a physical examination, but there are no 2 tests that can distinguish between the two.	1 Q. What was your plan of care for her 2 when you saw her on May 6th of '98?
5	
3 O Tell me why you felt that this was	
3 Q. Tell me why you felt that this was	3 A. The plan was to obtain doppler studies
4 more likely the peripheral vascular disease and	<ul><li>A. The plan was to obtain doppler studies</li><li>4 through the vascular laboratory and it was also</li></ul>
<ul><li>4 more likely the peripheral vascular disease and</li><li>5 not from emboli, in her case</li></ul>	<ul> <li>A. The plan was to obtain doppler studies</li> <li>through the vascular laboratory and it was also</li> <li>felt that she would likely require an angiogram,</li> </ul>
<ul> <li>4 more likely the peripheral vascular disease and</li> <li>5 not from emboli, in her case</li> <li>6 A Well, first, the patient had multiple</li> </ul>	<ul> <li>A. The plan was to obtain doppler studies</li> <li>through the vascular laboratory and it was also</li> <li>felt that she would likely require an angiogram,</li> <li>so arrangements were made to perform the</li> </ul>
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8 (Pages 29 to 32)

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33	35
<ul> <li>A. The doppler study, correct.</li> <li>Q. Itake it that was done at the</li> <li>vascular lab at Metro Hospital?</li> <li>A. Yes, it was.</li> <li>Q. Were you present for that particular</li> <li>testing?</li> <li>A. No.</li> <li>Q. Did you receive a report of the</li> <li>testing after it was completed?</li> <li>A. Well, I interpreted the study, so I</li> <li>was aware of the results.</li> <li>Q. Now, I would like you to refer to the</li> <li>report of that 5-7-98 vascular study and tell me</li> <li>the significance of the finding of that study.</li> <li>A. The significance confirms the clinical</li> <li>evaluation that the patient has occlusive disease</li> <li>in the right leg.</li> <li>Q. And in regard to the severity, did you</li> <li>make any judgment or did you have an opinion as</li> <li>to how severe that condition was?</li> <li>A. Yes. That the study would put her in</li> <li>the severe ischemia category.</li> <li>Q. So at the time that you did that</li> <li>study, what were you thinking in regard to</li> <li>options for treatment for her?</li> </ul>	<ul> <li>Q. And did you, after that first study</li> <li>have any contact with her family to talk about</li> <li>the results of the study?</li> <li>A. I don't remember having contact with</li> <li>the family.</li> <li>Q. Would you provide that information to,</li> <li>say, Dr. Einstadter, her doctor that was</li> <li>following her in the outpatient department?</li> <li>A. He normally would get a copy of the</li> <li>report.</li> <li>Q. So normally you would pass that on to</li> <li>her primary care physician and he would discuss</li> <li>the results with her? Would that be the usual</li> <li>way that that would be handled?</li> <li>A. It depends on the acuteness and</li> <li>severity of the problem.</li> <li>Q. Well, we are talking about Earline</li> <li>Mizsey. As to what your assessment was at the</li> <li>time that she had this study, I am trying to get</li> <li>a feel for what the likely scenario was in regard</li> <li>to the results of this study, if you would have</li> <li>approached the family or whether it would have</li> <li>probably been her primary care physician that</li> <li>would have talked to the family about the</li> <li>results.</li> </ul>
<ul> <li>A. Well, this study really provided us a</li> <li>baseline for her circulation. The options for</li> <li>treatment depend more on the arteriogram which</li> <li>had been scheduled for, I believe, two days</li> <li>later.</li> <li>Q. And were you able from the results of</li> <li>this study to determine whether the occlusions</li> <li>were caused by emboli, or whether it was caused</li> <li>by peripheral vascular disease, or whether it was</li> <li>a combination of both?</li> <li>A. That can't be determined from these</li> <li>studies.</li> <li>Q. It did indicate, though, that she had</li> <li>some blocked arteries in her leg, at least on the</li> <li>basis of this initial study?</li> <li>A. Yes.</li> <li>Q. So your plan from this point then was</li> <li>to proceed then with arteriograms to evaluate</li> <li>further the circulation in her lower extremities?</li> <li>A. Yes.</li> <li>Q. Now, in between the date of this study</li> <li>on May 6th and her admission to the hospital,</li> <li>which I believe was on May 8th, did you see her</li> <li>at any time or have any contact with her?</li> <li>A. No,</li> </ul>	<ul> <li>A. We discussed our clinical suspicion</li> <li>with the family, I believe on the day she came to</li> <li>the emergency department. I did not speak with</li> <li>them after this study was done.</li> <li>Q. Now, when she was admitted to Metro on</li> <li>May 8th, did you see her on May 8th</li> <li>A. No.</li> <li>Q the day of her admission?</li> <li>A. No.</li> <li>Q. When did you first see her?</li> <li>A. I saw her for the second time on May</li> <li>11th.</li> <li>Q. Did they notify you that she was being</li> <li>admitted on May 8th, even if you didn't see her?</li> <li>Did someone call you and say that she was coming</li> <li>into the hospital?</li> <li>A. I don't remember.</li> <li>Q. Now, there is a note in the chart on</li> <li>May 11th. It says, I think, May 11, 1998</li> <li>vascular, with the name Alexander at the end of</li> <li>it. Is that a note that you wrote?</li> <li>A. Yes.</li> <li>Q. I am going to ask you to turn to that</li> <li>note, and prior to May 11th, do you recall being</li> </ul>

# 9 (Pages 33 to 36)

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#### **JANUARY 9.2001**

37	39
<ul> <li>A. No, I don't.</li> <li>MR. MALONE: You mean during that</li> <li>confinement? He was consulted in the emergency</li> <li>department.</li> <li>MS. TOSTI: I am talking between</li> <li>well, he said the first time he saw her was on</li> <li>May 11th.</li> <li>Q. Correct?</li> <li>A. No.</li> <li>Q. You saw her when, in the emergency</li> <li>room?</li> <li>A. On her second visit.</li> <li>Q. Wait, let me back up here.</li> <li>On the admission that occurred on May</li> <li>8th of '98, did you see her when she came into</li> <li>Metro Hospital?</li> <li>A. No.</li> <li>Q. The first time you saw her during that</li> <li>admission was May 11th; is that correct?</li> <li>A. Yes.</li> <li>Q. Were you consulted at any point during</li> <li>that admission which began on May 8th prior to</li> <li>the time that you saw her on May 11th?</li> <li>A. I don't remember being consulted, no.</li> <li>Q. So why is it then on May 11th that you</li> </ul>	<ul> <li>have ischemia on the right and requires</li> <li>revascularization, probably thromboembolectomy.</li> <li>Would suggest angio and treatment before</li> <li>beginning Coumadin. Patient would not be a very</li> <li>good candidate for thrombolytic therapy in view</li> <li>of her stroke.</li> <li>Q. Now, at the time that you saw her on</li> <li>May 11th of '98, was the ischemia in her right</li> <li>foot still severe?</li> <li>A. Yes.</li> <li>Q. Now, you mention that she had rest</li> <li>pain in the right foot confirmed by doppler.</li> <li>What is the</li> <li>A. No, she had ischemia of the right foot</li> <li>confirmed by doppler. Rest pain is a clinical</li> <li>finding.</li> <li>Q. Well, I am looking at your note.</li> <li>A. It's a little confusing. She had</li> <li>severe ischemia. I did say rest pain, but rest</li> <li>pain is a clinical finding, so dopplers confirm</li> <li>severe ischemia, but dopplers don't confirm a</li> <li>clinical finding.</li> <li>Q. So she had rest pain and she had</li> <li>severe ischemia confirmed on doppler?</li> <li>A. Correct.</li> </ul>
<ul> <li>38</li> <li>1 saw her?</li> <li>2 A. I believe because I was consulted at</li> <li>3 that time.</li> <li>4 Q. Somebody called you and said they</li> <li>5 would like you to come in and take a look at her?</li> <li>6 A. Yes.</li> <li>7 Q. Do you know who that was?</li> <li>8 A. No.</li> <li>9 Q. Doctor, the note that you have written</li> <li>10 on May 8th, I would like you to just read it to</li> <li>11 us.</li> <li>12 A. May 11th you are referring to?</li> <li>13 Q. Yes.</li> <li>14 A. 73-year-old woman with a history of</li> <li>15 aortic valve replacement, coronary bypass graft,</li> <li>16 stroke, hypertension</li> <li>17 Q. Go slow enough that our court reporter</li> <li>18 can take it down, please. Go ahead.</li> <li>19 A hypertension and diabetes melitis.</li> <li>20 Recently seen in the emergency room with severe</li> <li>21 ischemia and rest pain of the right foot</li> <li>22 confirmed by doppler. Patient was scheduled for</li> <li>23 angio Monday but was admitted over the weekend</li> <li>24 with acute left hemispheric stroke. Patient most</li> <li>25 likely has had embolic events. She continues to</li> </ul>	<ul> <li>40</li> <li>1 Q. So back to my question. In her case,</li> <li>2 what is the significance of the rest pain that</li> <li>3 you mention?</li> <li>4 A. Rest pain is a clinical feature of</li> <li>5 severe ischemia.</li> <li>6 Q. Now, you indicate that the patient</li> <li>7 most likely has had embolic events. What was</li> <li>8 your basis for that statement?</li> <li>9 A. I discussed her case with Dr. McKinley</li> <li>10 at that time, and in view of her recurrent</li> <li>11 strokes, and also based on her there was a</li> <li>12 question on her echo that the general feeling</li> <li>13 of her treating physicians was that she was</li> <li>14 having embolic events at that time.</li> <li>15 Q. Did you think that the ischemia in her</li> <li>16 leg was related to those embolic events?</li> <li>17 A. No.</li> <li>18 Q. Now, you mention that she would</li> <li>19 probably need a thromboembolectomy.</li> <li>20 A. Yes.</li> <li>21 Q. Part of that word, the root is emboli,</li> <li>22 I assume, isn't it?</li> <li>23 A. Yes.</li> <li>24 Q. Did you think that she may have had an</li> <li>25 emboli to her leg?</li> </ul>

| 0 (Pages 37 to 40)

#### **JANUARY 9,2001**

1 2 3 4 5 6 7 8 9 0 11 2 3 4 5 6 7 8 9 0 11 2 3 4 5 6 7 8 9 0 11 2 3 4 5 6 7 8 9 0 11 2 3 4 5 6 7 8 9 0 11 2 3 4 5 6 7 8 9 10 11 2 3 4 5 6 7 8 9 10 11 12 3 4 5 6 7 8 9 10 11 12 3 11 12 11 12 11 12 11 12 11 12 11 12 11 12 11 12 11 12 11 11	<ul> <li>A. I use that term thromboembolectomy if we think there is occlusion, but we don't know whether it's thrombus or embolus.</li> <li>Q. In this case you didn't know whether it was thrombus or embolus; correct?</li> <li>A. I was basing my opinion on really the emergency room findings. Again, we discussed that. We talked about her reason for having chronic disease and the history which suggested chronic disease, so it basically was unclear.</li> <li>Q. But thrombus or an emboli?</li> <li>A. Right.</li> <li>Q. As opposed to atherosclerotic disease?</li> <li>A. No, you can have thrombus on top of atherosclerotic disease.</li> </ul>	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	<ul> <li>43</li> <li>right and requires revascularization, probably thromboembolectomy. Was the reason that you thought at that time that she may require revascularization was because of the degree of ischemia that she had?</li> <li>A. Yes.</li> <li>Q. So when you talked about the criteria for doing surgery, in her case it was because the ischemia seemed to be severe when you saw her on the 11th and that's why you were considering surgery for her: correct?</li> <li>A. Yes.</li> <li>Q. When you saw her on the 11th, were any of Earline Mizsey's family present?</li> <li>A. I don't remember.</li> <li>Q. And do you have any recollection of</li> </ul>
17 18 19 20	<ul> <li>Q. And in her case, did you know what she had when you saw her?</li> <li>A. No.</li> <li>Q. And when you saw her on the 11th, what</li> </ul>	17 18 19 20	talking with them at any time on the 11th or shortly thereafter? A. No. Q. Just in general terms, what was her
21 22 23 24 25	was your plan of care? A. We discussed proceeding with the angiogram, because it was really unclear at that point. We had a strong suspicion she had chronic disease, and I wanted to image that so I could	21 22 23 24 25	condition when you saw her on the 11th? I understand that she had severe ischemia in her leg, but what was your impression of her general condition? A. It seemed very poor. She had just had
	42		44
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 9 20 21 22 23 24 25	<ul> <li>get more information, so we couid determine 2 plan of care</li> <li>Q Doctor, if she had had several events that her attending physicians thought were embolic in nature, didn't it raise a concern in your mind that perhaps some of the ischemic problems she was having in her leg may also be embolic in nature?</li> <li>A. Well, it doesn't rule it out, but the nature of her findings and her history also suggested that she had chronic occlusive disease Q. Granted. But she'could also on top of her chronic occlusive disease have had embolic events that compromised the circulation in her extremities further; correct?</li> <li>A. I couldn't rule that out.</li> <li>Q. Were you concerned about that when her other treating physicians informed you that they thought she was having embolic events?</li> <li>A. Sure. You mean on the 11th?</li> <li>Q. Yes.</li> <li>A. Yes, that was a possibility.</li> <li>Q. Now, you had suggested that let me get this correct.</li> </ul>	1 2 3 4 5 6 7 a 9 10 11 12 13 14 15 16 17 18 19 20 21 22 3 24 25	<ul> <li>a recent stroke</li> <li>Q. Was she able to answer any questions that you put to her?</li> <li>A. Not coherently, no.</li> <li>Q. Now, you mention, I believe, in your note, that she would not be a very good candidate for thrombolytics in view of her CVA. If you could just tell me in a little more detail as to why thrombolytics would not be recommended in her case.</li> <li>A. Because that could potentiate bleeding in the area of her stroke.</li> <li>Q. And that would be true even if her strokes were embolic in nature; is that correct?</li> <li>A. Yes.</li> <li>Q. Now, there is a note on May 12th of '98 by Dr. McKinley which indicates a discussion about Earline Mizsey's popliteal artery occlusion, and Dr. McKinley indicates a discussion at the function of talking with Dr. McKinley?</li> <li>A. Yes. I spoke with Dr. McKinley on the 11th and the 12th.</li> </ul>

11 (Pages 41 to 44)

**F** 

45	47
1 Q. What did you discuss when you talked	A. I believe it was on the 11th.
2 with Dr. McKinley?	2 Q. So at the time, was it at the time
3 A. Dr. McKinley and I discussed the	3 that you saw her on the 11th that you were aware?
4 fairly extreme degree of debilitation that the	4 A. I believe so, yes.
5 patient had, and we felt that she wasn't at that	5 Q. And knowing that her presumptive
6 point a candidate for any surgical intervention,	6 diagnosis at that point in time was endocarditis,
7 so Dr. McKinley essentially told me that she	<ul><li>7 did you think that the endocarditis contributed</li><li>8 in any way to the ischemia that she had in her</li></ul>
<ul><li>8 would call me again if she needed my services,</li><li>9 but that she didn't feel that the patient should</li></ul>	9 right lower extremity?
10 undergo any form of surgery at that time.	10 A. I didn't know.
11 Q. If her condition had been better,	11 Q. Now, doctor, after the angiogram that
12 would she have been a candidate for surgery? In	12 we just talked about, what was your prognosis for
13 other words, was her condition something that you	13 her in regard to her lower extremity vascular
14 would have recommended surgery if her physical	14 problems?
15 condition from her stroke had been better?	15 A. I thought her you mean the
16 A. Her rest pain was stable, and normally	16 prognosis of her extremity?
17 I would say yes. She had, of course, multiple	17 Q. Yes.
18 other medical problems which would put her at a	18 A. I thought the prognosis was poor and
19 higher risk category.	19 that she might likely require amputation.
20 Q. Let me put my question a little bit	20 Q. After the angiograms were done, did
21 differently.	21 you have any conversations with Earline Mizsey's
22 Aside from her poor physical	22 family?
23 condition, would you have recommended surgery if	23 A. No.
24 there wasn't an extreme risk involved? 25 A. Under most circumstances. I would.	<ul> <li>Q. After the angiograms were completed,</li> <li>did you discuss the results with Dr. McKinley?</li> </ul>
25 A. Under most circumstances, I would.	25 did you discuss the results with Dr. Mickinley?
46	48
1 Q. Now, I believe she had arteriogram	1 A. I don't recall the discussion
	<ol> <li>A. I don't recall the discussion</li> <li>specifically. I probably would have, though.</li> </ol>
1 Q. Now, I believe she had arteriogram 2 that were then performed on May 13th of '98; is	1 A. I don't recall the discussion
1 Q. Now, I believe she had arteriogram 2 that were then performed on May 13th of '98; is 3 that correct? 4 A. Yes.	<ol> <li>A. I don't recall the discussion</li> <li>specifically. I probably would have, though.</li> <li>Q. Now, after she had the angiograms done</li> </ol>
1 Q. Now, I believe she had arteriogram 2 that were then performed on May 13th of '98; is 3 that correct? 4 A. Yes.	<ol> <li>A. I don't recall the discussion</li> <li>specifically. I probably would have, though.</li> <li>Q. Now, after she had the angiograms done</li> <li>on the 13th, I believe there is a note written in</li> <li>the chart that she seemed to suffer more aphasia</li> <li>after the procedure. Do you have any opinion as</li> </ol>
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<ol> <li>Q. Now, I believe she had arteriogram</li> <li>that were then performed on May 13th of '98; is</li> <li>that correct?</li> <li>A. Yes.</li> <li>Q. Did you participate in the</li> <li>arteriograms? Were you present for them?</li> <li>A. No.</li> <li>Q. What is your understanding as to what</li> <li>was found on the arteriogram?</li> <li>A. The arteriogram demonstrated</li> <li>significant chronic atherosclerotic change.</li> <li>Q. And did they not also show that there</li> <li>was occlusions and thromboembolic disease of the</li> </ol>	<ul> <li>A. I don't recall the discussion</li> <li>specifically. I probably would have, though.</li> <li>Q. Now, after she had the angiograms done</li> <li>on the 13th, I believe there is a note written in</li> <li>the chart that she seemed to suffer more aphasia</li> <li>after the procedure. Do you have any opinion as</li> <li>to why she suffered more aphasia after the</li> <li>completion of the arteriograms?</li> <li>A. I didn't see her on the 13th, so I</li> <li>don't have any opinion.</li> <li>Q. Aside from your note that was written</li> <li>on May 11th of '98, are there any other notes</li> <li>that you are aware of in the chart that you wrote</li> </ul>
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# 12 (Pages 45 to 48)

## **JANUARY 9,20011**

#### J. JEFFREY ALEXANDER, M.D. Walter vs. MetroHealth Medical Center, et al.

11	
49	51
1 A. Yes. 2 Q. Did any of the other physicians at	1 where you want her to send the transcript.
3 Metro request your opinion as to whether Earline	3 (Deposition concluded at 5:00 p.m.)
<ul> <li>4 Mizsey should undergo valve replacement surgery?</li> <li>5 A. No. That wouldn't be in my field.</li> </ul>	4 (Signature not waived.)
5 A. No. That wouldn't be in my field. 6 Q. Do you have an opinion as to whether	5 6
7 or not she should have undergone valve	7
8 replacement?	8
9 A. No.	9
10 MR. MALONE: I think for the record he 11 has no opinion. He is not saying no, that she	10
<ul> <li>11 has no opinion. He is not saying no, that she</li> <li>12 should not have it.</li> </ul>	11 12
13 I just used a double negative there.	13
14 That's confusing too.	14
15 Q. Did you participate in any way in the	15
16 decision to transfer her to Cleveland Clinic? 17 A. No.	16 17
18 Q. During the course of that	18
19 hospitalization between May 8th and May 15th, did	19
20 you have any conversations with Dr. Einstadter,	20
21 Dr. Rakita or Dr. Vrobel about her? 22 A. No.	21 22
23 Q. I am going to ask you a couple	23
24 questions, and if you have no opinion, just tell	24
25 me.	25
50	52
Do you have an opinion as to when	AFFIDAVIT
2 Earline Mizsey developed prosthetic valve	2 I have read the foregoing transcript from
	<ul> <li>I have read the foregoing transcript from</li> <li>page 1 through 51 and note the following</li> <li>corrections:</li> </ul>
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13 (Pages 49 to 52)

53	
1 CERTIFICATE 2 State of Ohio,	
3 County of Cuyahoga.	
4	
I, Vivian L. Gordon, a Notary Public within and for the State of Ohio, duly commissioned and	
6 named J. JEFFREY ALEXANDER, M.D. Was by me first	
<ul> <li>qualified, do hereby certify that the within</li> <li>named J. JEFFREY ALEXANDER, M.D. Was by me first duly sworn to testify to the truth, the whole</li> <li>truth and nothing but the truth in the cause</li> </ul>	
aforesaid; that the testimony as above set forth a was by me reduced to stenotypy, afterwards	
transcribed, and that the foregoing is a true and correct transcription of the testimony.	
10 I do further certify that this deposition was taken at the time and place specified and was	
1 1 completed without adjournment: that I am not a	
relative or attorney for either party or otherwise interested in the event of this action. 13 IN WITNESS WHEREOF, I have hereunto set my	
I hand and affixed my seal of office at Cleveland.	
14 Ohio, on this 15th day of January, 2001.	
16 Vivian'L. Gordon, Notary Public	
17 Within and for the State of Ohio	
18 My commission expires June 8, 2004.	
20 21	
22 23	
18 My commission expires June 8, 2004. 19 20 21 22 23 24 25	
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14 (Page 53)

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.

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WORD INDEX

....

## Page 1

r				
	allow 9:14	attention 22:24	bring 22:23	circulation 21:3
ABI 27:22	always 14:25	attorney 5:16 53:11	brought 21:11	28:4 34:2,19
ABI's 27:21	amputation 47:19	available 16:9,13	Building 2:13	42:14
able 6:11 28:1 34:6	angio 38:23 39:3	31:12,13	burning 28:19	circumstances
44:2	angiogram 32:5,7	aware 29:3 31:18	business 3:19,25	
about 5:6 6:2 20:3	32:15 41:23	31:22 33:11		45:25 Civil 2:2
	47:11	46:19,24 47:3	bypass 32:22 38:15	Civil 3:3
20:4 23:5,9 25:3	angiograms 32:14	48:13	<u> </u>	Clair 2:13
35:2,17,24 41:8	47:20,24 48:3	46.15		clarification 29:1
42:17 43:7 44:18	angioplasty 32:22	<u> </u>	call 16:17 24:23,24	claudication 21:8.9
47:12 49:21	ankle 27:23,25		25:136:1545:8	21:13,14 22:6
above 1:25 53:7		back 15:13,21	called 1:17 3:2 9:17	30:10
absence 18:14	answer 6:5,11,17	37:1340:1	16:4 18:17 31:10	clear 5:728:1
access 31:6	44:2	bacterial 7:4 9:24	31:23 38:4	Cleveland 1:23 2:6
According 22:21	answers 6:13	17:13,23	came 22: 13 36:2	2:14 12:20,24
aching 31:2	anyone 13:10 24:9	based 19:22 29:14	37:15	49:16 50:15
acted 6:25	anything 25:25	30:17 40:11	campus 3:20	53:13
action 53:12	27:3 29:23	baseline 32:1134:2	candidate 39:5 44:6	Clinic 12:20,24
activity 21:11	aortic 38:15	basically 41:10	45:6,12	49:16 50:15
actually 9:9 17:18	aphasia 48:5,7	basing 41:6	capillary 27:18	clinical 14:13,17
24:6 25:3	appear 13:12	basis 34:1540:8	cardiac 10:1	19:23 33:15 36:1
acute 28:11,13	APPEARANCES	Becker 2:3	care 4:11 12:15	39:15,20,22 40:4
38:24	2:1	become 46:24	22:13 32:1 35:12	clinician 19:19
acuteness 35:15	appears 26:8	becomes 18:21	35:23 41:21 42:2	code 3:14
addition 20:24	approached 35:22	bed 21:3	50:15	coherently 44:4
additional 50:22	appropriate 15:25	beds 18:19	Carlin 5:19	cold 27:17
additions 7:19,21	16:3	before 1:19 4:16		coldness 18:13
	April 9:1 14:11	11:15 25:3 30:22	case 1:64:21 5:5,7	
address 3:11,19 4:1	15:21 22:15	31:19 39:3 52:19	5:16,21,23 7:4	combination 34:10
adjournment 53:11	23:12 28:21		13:5,6,10,15,23	come 19:20 31:10
administrative 8:17	30:23	began 37:22	15:8 23:15 30:5	38:5
8:22	area 44: 12	beginning 39:4	40:1,9 41:4,17	coming 36:15
ADMINISTRAT	areas 8:8,10	behalf 1:17 2:2,9,17	43:8 44:10	commencing 1:24
1:4	argue 21:13	being 3:3 4:20 26:6	cases 5:4	commission 52:25
admission 11:13		36:13,24 37:24	category 33:22	53:18
12:11 34:22 36:8	wising 14:6	believe 7:24 10:20	45:19	commissioned 53:5
37:14,19,22 46:21	airrangements 32:6	11:16 12:14	cause 18:15 53:7	committees 8:22
48:14	irterial 10:5 17:20	13:22 23:19 24:1	caused 21:17,18	COMMON 1:1
admit 9:14	18:20,25 22:1	25:13 27:16	29:12 34:8,8 50:7	complained 28:18
admitted 36:5,14	29:13	28:1232:2434:4	50:18	complaint 5:10
38:23	arteries 17:25 19:9	34:23 36:2 38:2	center 1:8,23 2:10	25:5
admitting 9:8,12	21:7 34:14	44:5 46:1 47:1,4	3:23 4:4 8:15,18	completed 33:9
AFFIDAVIT 52:1	sirteriogram 34:3	48:4	9:312:113:13	47:24 53:11
affixed 53:13	sirteriograms 20:11	beneath 18:18	50:11	completion 48:8
aforesaid 53:7	34:18 46:1,6,9,10	besides 9:2	Center's 3:20	complications 14:6
after 12:23 22:19	48:8 -	best 13:19 29:25	<b>XRTIFICATE</b>	17:13
23:7 28:7 33:9	firteriography	32:17	53:1	compromise 28:3
35:1 36:4 47:11	20:12	lletter 45:11,15	certifications 8:11	compromised
47:20,24 48:3,6,7	artery 18:13 20:22	between 21:17,21	certified 3:4 8:7,12	42:14
50:10	44:18 46:14,17	29:19 30:2 34:21	certify 53:5,10	concern 42:5
afterwards 53:8	Aside 4:3 13:12	37:5 48:14 49:19	Chagrin 3:12	concerned 42:17
again 10:21 23:20	45:22 48:11,17	bioprosthetic 28:23	change 46:1152:5	concluded 51:3
41:7 45:8	asking 19:24	29:4	changes 20: 13	condition 21:2
against 21:13	assessment 22:24	bit 45:20	Charity 4:8 9:6	33:20 43:21,24
	27:7,12 32:11	bleeding 44:11		45:11,13,15,23
ago 5:6 17:18	35:18	blockage 20:24	c:hart26:19,21	confinement 37:3
agreement 1:21	associated 18:24		31:12 36:18 48:5	
ahead 11:19 38:18	19:3	t)locked 34: 14	48:13 sharto 15:19 21:12	confirm 39:20,21
£111:8	assume 6:940:22	board 8:7,11	charts 15:18 31:13	confirmed 38:22
alexander 1:13,16	atherosclerotic	both 10:22 12:8	chief 8:19 23:2 25:5	39:12,15,24
3:1,6,107:11	41:14,16 46:11	30:13,18 34:10	choose 6:16	confirms 33:15
36:20 52:17 53:6	attending 16:17	bottom 28:22	chronic 29:15	confusing 39:18
allegation 4:25 5:4	42:4	t)rachial27:23,25	32:20 41:9,10,24	49:14
5:8,9	72.7	briefly 10:17	42:11,13 46:11	consider 19:25
Li				

#### Page 2

r <u></u>				
20:17 26:1	date 1:25 7:17,24	directed 16:8 23:21	49:18	entered 5:1
considering 43:10	11:3,10 34:21	26:9		entity 4:6
consult 15:22,23	<b>day</b> 1:24 16:13 26:6	directions 6:23	E	ER 15:21 23:20
16:8 17:5,8 23:22	36:2,8 48:17	directly 23:5	earlier 12:19	30:21
24:1,2,20 26:7,10	52:20 53:14	disagreed 27:3	Earline 13:14 22:9	<b>ESQ</b> 2:4,12,20
26:15 27:1	days 16:14 30:22	discharge 12:24	22:12 23:12,19,22	essentially 45:7
consultation 12:12	31:19 34:4 48:18	discoloration 18:17	25:1227:828:8	et 1:8
consulted 12:10	48:24	discuss 15:12 16:6	28:20 35:17	<b>ETC</b> 1:4
36:25 37:3,21,24	deal 9:23 10:1	22:25 25:12	36:25 43:14	evaluate 16:4,12
38:2	dealing 7:4 14:1,5	35:12 45:1 47:25	44:18 47:21 49:3	24:25 28:8 34:18
<b>consults</b> 16:19,22	death 50:18	discussed 12:17	50:2,18	evaluated 16:1
<b>contact</b> 16:6,12	debilitation 45:4	13:6,10 23:1,15	easy 21:20	evaluation 23:12
34:24 35:2,4	<b>decision</b> 49: 16	36:1 40:9 41:7,22	<b>echo</b> 40: 12	29:8 31:24 32:13
50:11	defendant 2:9,17	45:3	echocardiogram	33:16
contacted 24:19	4:21	discussing 11:23	28:21	even 19:4 36:14
contained 27:4	Defendants 1:9	discussion 3:18	<b>effect</b> 23:11	44:13
continued 21:12	<b>defense</b> 6: 15 50:22	44:17,20,23 48:1	Einstadter 10:14	event 53:12
<b>continues</b> 38:25 42:25	degree 43:4 45:4	<b>disease</b> 21:5,7,18	12:14 13:3 35:7	events 38:25 40:7
42:25 contributed 47:7	demonstrated 46:10	29:16,19 30:4,7,8	49:20	40:14,16 42:3,14
	<b>department</b> 12:6,7	30:9,14 32:16,21	Einstadter's 12:17	42:19
<b>conversations</b> 47:21 49:20	16:2 23:24 24:18	33:16 34:9 41:9	either 25:20 53:11	ever 6:25 7:3 9:16
<b>copy</b> 7:835:9	35:8 36:3 37:4	41:10,14,16,25 42:11,13 46:13,16	<b>EKG</b> 20:13	10:4 23:8
coronary 30:8	depend 34:3	<b>disorders</b> 14:14	emboli 10:1 18:12	exact 32:16
38:15	depends 18:7 35:15	distinction 29:22,24	18:15,25 19:3,9	exam 20:6 examination 1:18
<b>correct</b> 8:2,5,8 13:3	deposed 3:5	distinguish 21:21	19:16,21 20:2,4,5	3:2,6 20:8 30:1
18:1 19:25 22:20	deposition 1:13,16	30:2	20:19,21,24 21:19	examine 16:5
22:22 23:13 33:1	4:15,20 5:12 6:3	doctor 3:84:16 6:1	21:25 29:12,19 30:5,14 34:8	Exhibit 7:9,12
37:8,19 39:25	7:11 10:10 11:24	7:15 8:1 9:20	40:21,25 41:12	experienced 17:12
41:5 42:15,24	12:18 13:1 26:25	11:6,18,23 13:17	50:7	expert 6:25
43:1144:1446:3	51:3 53:10	17:11 19:24	embolic 19:12	expires 52:25 53:18
46:22 53:9	depositions 10:14	20:21 21:16 22:8	28:24 29:5 38:25	extensive 30:10
corrections 7:18,21	describe 14:9 18:8	28:20 35:7 38:9	40:7,14,16 42:5,8	extent 32:15
7:25 52:4	described 26:4	42:3 46: 19 47:11	42:13,19 44:14	extreme 45:4,24
correlates 30:8	30:12	50:20	embolism 18:21	extremities 18:1,25
correspond 27:14	describing 21:6	document 7:16	embolisms 17:25	19:10 20:22 22:1
Coumadin 39:4	detail 44:8	documentation	embolization 10:6	27:17 29:13
counsel 1:17,22 6:1	deterioration 28:24	15:18	17:20,22 20:13	34:19 42:15
6:15,17,20 7:7	29:4	doing 23:16 30:1	22:5	extremity 19:4,21
13:9 50:22	determinant 22:2	43:8	embolizations	22:18 25:17 26:2
county 1:2 5:24	determination	done 28:21 33:2	18:10,11	28:11 32:23 47:9
53:3	19:20 29:18	36:4 47:20 48:3	embolus 18:7 4 1:3	47:13,16
<b>couple</b> 49:23	determine 16:7	<b>doppler</b> 32:3,8,10	41:5	Ezekiel 5:22
<b>course</b> 45: 17 49: 18	20:18 32:17 34:7	33:138:2239:12	emergency 2:17	
<b>court</b> 1:1 6:13	42:1	39:15,24	10:19 11:8 12:3,9	F
38:17	determined 34:11	dopplers 39:20,21	16:2,19,22 17:7	f'act 26:3,5
cramping 21:10	determining 19:8	double 49: 13	23:23 24:6,18	factors 22:2 30:7
cristallo 2:20 5:1	19:15 20:7	<b>down</b> 6:1431:11	25:11,13 26:8	fairly 28:10 45:4
50:23	developed 50:2	38:18	27:9 31:6,11 36:3	family 35:2,5,22,24
criteria 43:7	diabetes 38:19	<b>Dr</b> 10:14,14 12:14	37:3,10 38:20	36:2 43:14 47:22
current 3:19,22	diagnosed 46:20	12:15,16,17 13:2	41:7	50:12
7:17,20 12:19	diagnosis 14:13	13:3 16:24 22:16	employed 8:14	far 32:19
currently 4:7 5:13	19:22 20:2 46:25	22:23 23:1,1,4,14	employer 3:22 4:1	feature 40:4
<b>curriculum</b> 7:8,20	47:6	25:14 35:7 40:9	end 36:20	feel 6:22 13:18
9:21	diagnostic 19:7	44:17,19,21,24	endocarditis 7:5	35:20 45:9
cuyahoga 1:2 5:23	20:1,10,15	45:2,3,7 47:25	9:24 10:7 14:2,7	feeling 40: 12
53:3 CVA 44:7	differentiate 21:17	49:20,21,21	17:14,24 20:3	feet 27:17
CVA 44:7	differently 45:21	Drive 1:23	46:20,25 47:6,7	felt 16:3 30:3 32:5
cyanotic 27:17	difficult 28:4 29:18	duly 3:4 53:5,6	50:3,8	45:5
D	29:23 Diplomate 1:20	during 37:2,18,21	enough 38:17	femoral 17:22
<b>D</b>	Diplomate 1:20	46:21 48:14,19,20	enter 6:16	femoris 46:14,17

#### **JANUARY 9,2001**

#### J. JEFFREY ALEXANDER, M.D. Walter vs. MetroHealth Medical Center, et al.

## Page 3

r					
few 12:18	go 6:3 11:19 15:24		<b>JAMES</b> 2:12	little 14:4 39:18	
field 13:18 49:5	24:6 38:17,18	1	january 1:14 53:14	44:8 45:20	
11	goes 28:25	identification 7:13	<b>JEANNE</b> 2:4	location 32:16	
file 13:14		identified 12:2			
filed 5:23	going 6:3,9 14:4	identify 7:16	<b>jeffrey</b> 1:13,16 3:1	lodged 18:21	
filing 13:5	16:16 29:20 32:8	<b>image</b> 4 1:25	3:6,10 52:17 53:6	lodges 20:21	
<b>find</b> 20:11	36:23 49:23	immediately 11:12	job 14:12	long 8:14	
<b>finding</b> 28:23 33:14	good 29:25 39:5	<b>impact</b> 18:21	<b>John</b> 3:10	look 10:21,25 11:9	
39:16,20,22	44:6	important 6:6,12	judgment 33:19	12:8 38:5	
<b>findings</b> 15:12,15	Gordon 1:19 53:4	20:7,9 29:7	June 53:18	looked 12:9,11	
16:6 19:23 20:9	53:16	impression 28:10	just 5:37:1511:3	looking 39:17	
25:626:2327:11	Graber 2:18 10:14	43:23	11:20 13:2 14:9	lower 17:25 18:25	
27:14 41:7 42:10	13:3		23:8 30:21,22	19:4,9,2120:22	
first 3:4 5:5 16:1	graft 38:15	impressions 28:9	31:19 38:10	21:25 22:18	
22:12,14 30:6	Granted 42:12	inadequate 21:2	43:20,25 44:8	25:16 26:2 28:11	
	great 25:22	included 14:12	47:12 49:13,24	29:13 32:23	
35:136:1037:6		<b>including</b> 26:20,21			
37:18 53:6	Greater 27:19	increased 26:5	50:25	34:1947:9,13	
five 4:19,22	Green 5:22	increasing 20:14			
flow 32:11	ground 6:3	independent 22:8	K	<u> </u>	
<b>following</b> 32:7 35:8	groups 21:10	index 20: 14 27:23	kind 12:2	<b>M</b> 2:4	
52:3		indexes 27:25	know 6:811:717:2	made 24: 17 29:25	
follows 3:5	Н	indicate 34:1340:6	38:7 41:2,4,17	31:13 32:6	
<b>foot</b> 28:18 31:3	hand 6:14 53:13	indicated 11:25	47:10 50:21	main 3:20	
38:21 39:9,12,14	handled 15:23	22:3 30:25	knowing 47:5	majority 14:16	
foregoing 52:2 53:8	16:10 35:14		knowledge 15:25	make 7:18,22 29:18	
form 20:23 32:17	happy 6:8	indicates 28:22	known 30:8	29:22 33:19	
45:10	having 29:4 35:4	44:17,19	KIOWII 50.8	making 20:2	
<b>formal</b> 10:4	40:14 41:8 42:7	indicators 21:23		MALONE 2:12	
forth 1:25 53:7	42:19	individual 23:8		29:20 37:2 49:10	
		individuals 13:2	L 1:19 53:4,16		
<b>found</b> 25: 1846:9	head 6:148:20	<b>infective</b> 10:6 14:1	lab 33:3	50:24	
<b>four</b> 4:19,22 26:4	help 32:17	14:6	laboratory 8:21	many 4: 18 19:22	
30:12	helpful 19:8,15,18	information 25:2,9	32:4	March 3:25 8:4	
Franklin's 2:21	19:19 20:1,11,14	25:24 26:20 29:8	large 18:10,12	10:21 11:7,16	
<b>free</b> 6:22	20:18 29:1 32:10	35:642:1	larger 18:12	12:3	
<b>from</b> 4:3 10:1,18,22	32:12	informed 42:18	later 34:5	marked 7:9,12	
11:8 12:1,3,23,24	hemispheric 38:24	initial 34:15	lead 18:13,16	matter 9:24	
13:2,12 14:6	hemorrhages 18:18	inpatient 12:7	leading 12:12	may 6:16 9:1 10:21	
15:25 16:19,22	hereinafter 3:4	instance 25:7	least 34:14	11:7 12:2 13:12	
17:6 24:10 25:20	hereunto 53:13	instances 17:24	led 28:12	14:11 15:21	
30:531:3,634:6	higher 45:19	20:23	left 38:24	16:18 18:3,16,24	
34:11,17 45:15,22	highly 30:9	instructs 6:18	leg 31:2 33:17	23:20,22 24:15	
48:11,17 50:7	him 23:16	intact 27:20	34:14 40:16,25	25: 12 27:4,8	
52:2	hip 31:4	interested 53:12	42:7 43:23	28:25 29:2,5,12	
<b>front</b> 11:2	history 20:7 25:17	interpreted 33:10	LESLIE 1:4	30:18 31:5,20	
function 29:9	28:14,17 29:14,25	intervention 21:24	less 14:21 27:18	32:2,21,24 34:22	
<b>further</b> 29:134:19	30:10 38:14 41:9		let 6:7 11:6,20	34:23 36:6,6,11	
42:15 50:21	42:10	45:6	37:1342:23	36:14,19,19,24	
53:10	hold 8:17,24	involved 31:24	•	37:7,14,19,22,23	
33.10		45:24	45:20	37:25 38:10,12	
– G	home 3:11,16 12:23	<b>involving</b> 4:11 7:4	licensed 8:1,4	39:8 40:24 42:7	
	hospital 4:8,8 9:6,7	<b>in-house</b> 11:13	like 6:21 7:18,22		
gangrene 22:6	9:16 10:20 12:4	ischemia 21:1,2	11:3 20:11 33:12	43:3 44:1646:2	
<b>Gates</b> 3:12	17:19 33:3 34:22	28:11 33:22	38:5,10	46:2148:12,14,14	
gave 28:15	36:16 37:16	38:21 39:1,8,14	likely 26: 14 29: 15	48:17,20,21,22	
general 8:12 10:18	46:22	39:19,21,24 40:5	30:4 32:5 35:20	49:19,19 50:6,22	
10:20 12:4 14:10	hospitalization	40:15 42:25 43:5	38:25 40:7 47:19	Mazanec 2:19	
15:7 21:6 40:12	48:19,21 49:19	43:9,22 47:8	50:7	McKinley 40:9	
43:20,23	hospitals 4:109:2,5	ischemic 22:7 42:6	limited 32:22	44:17,19,21,24	
generally 17:10	9:11	issues 7:4 13:23	limiting 22:5	45:2,3,7 47:25	
19:6 20:12 24:24	hours 16:13		Limsrichamrern	mean 21:24 37:2	
Giles 25:14	hypertension 38:16	J	23:2,14	42:20 47:15	
give 6:12 25:4	38:19	J 1:13,16 2:20 3:1,6	LINE 52:5	medical 1:7,22 2:9	
<b>given</b> 7:3 10:4 25:8		52:17 53:6	listed 9:21	3:20,23 4:4,21	
		52.17 55.0		,	
11	ł	1	1	,	

## Page 4

and the

	r		r	
6:20,21 8:15,18	nature 42:5,8,10	offices 1:22	pass 35:11	47:18
9:3 10:11,12,15	44:14	often 25:4 32:21	patient 4:1115:20	popliteal 44:18
10:16 12:1,5	necessarily 26:22	ohio 1:2,21,23 2:6	16:1,4,5,12 17:7	portion 28:16
13:13,13 14:15,20	29:10	2:14,23 3:3,13	17:17,19 19:12	portion 20.10
			20.12 10 21.12	possibility 42:22
14:23 45:18	necessary 31:14	8:253:2,5,14,17	20:13,19 21:12	possible 30:16
50:11	need 7:24 11:18	old 31:12	24:25 26:3,11,16	postoperative
medical/legal 7:1	32:14 40:19	one 5:13 11:11,12	26:16 30:6 31:11	32:13
<b>tnedicine</b> 4:118:2,8	<b>needed</b> 32:12 45:8	11:14 17:15	32:12 33:16	potential 28:24
melitis 38:19	negative 49:13	32:25	38:22,24 39:4	29:5
members 50:12	negligence 4:21,25	ones 50:22	40:645:5,946:21	potentiate 44:11
mention 39:11 40:3	5:4	one's 20:14	patients 9:15 15:13	practice 8:1 14:10
40:18 44:5	neurologic 18:14	ongoing 26:4	15:15 17:12,23	14:17 17:11
mentioned 23:8	<b>nods</b> 6:14	only 11:10 16:21	21:14 32:20	preceded 11:13
30:23 48:22	<b>none</b> 48:16	17:15 48:24	patient's 15:18	preparation 10:10
Metro 11:13 15:2	nonhealing 22:6	onset 19:1 31:2	26:19 31:12	11:24
33:3 36:5 37:16	noninvasive 8:20	opinion 33:19 41:6	PAUL 2:20	preparing 26:25
1				
46:22 48:21 49:3	normally 26:12	48:6,10 49:3,6,11	Pause 11:5	present 19:4 31:9
metrohealth 1:7,22	27:1435:9,11	49:24 50:1,5,17	pending 5:7,13	33:543:1446:6
1:23 2:9 3:20,23	45:16	opportunity 6:2	people 14:21	presentation 10:5
4:4 8:15,18,20	Notary 1:20 52:23	28:7	perform 32:6	presumptive 47:5
9:3 10:16 12:1,5	53:4,16	opposed 41:14	performed 22:5	previously 29:17
13:13 50:10	note 17:8 23:21	options 32:18,21	46:2	30:22
Metro's 15:20	24:1,2 25:19,21	33:25 34:2	performing 14:15	primary 35:12,23
23:20 30:21	25:25 26:12,15,18	ordered 32:25	perhaps 42:6	<b>prior</b> 12:19 36:24
might 18:5 20:14	26:23 27:1,5	origin 10:2	period 30:11	37:22
47:19	36:18,21,24 38:9	other 4:5 13:6,9	peripheral 14:13	privileges 9:2,8,10
Mills 3:12	39:17 44:6,16	16:16 20:16	20:2,4,5,19 21:4,7	9:12,13,17
mind 42:6	48:4,11 52:3	42:18 45:13,18	21:18 29:9,19	probably 18:15
minute 11:21	notes 12:16,18	48:12,18 49:2	30:4,7,9,13,14	20:6,8 31:24
Mishkind 2:3	13:15 26:9 31:6,8	<b>otherwise</b> 6:9 53:12	32:11 34:9	35:23 39:2 40:19
Mizsey 13:14 22:9	48:12	out 11:20 22:20	person 15:25 16:21	43:1 48:2
22:13 23:12,19,22	nothing 53:7	30:20 31:1 42:9	personal 13:14,15	problem 12:19
25:12 27:8 28:8	notified 23:14	42:16 50:10	25:22	35:16
28:20 35:18	<b>notify</b> 36:13	outpatient 12:6,14	pertinent 25:18	problems 42:7
36:25 49:4 50:2	number 9:20	12:18 35:8	26:1	45:18 47:14
50:12	nursing 12:23	over 6:4 27:1 30:11	petechia 18:18	procedure 3:3 48:6
Mizsey's 43:14		38:23	phone 24:23	proceed 34:18
44:18 47:21	0	o'clock 1:24		
		0 CIUCK 1:24	physical 20:6,8	proceeding 7:1
50:18	oath 6:5		27:7,12 30:1	41:22
Monday 32:7 38:23	<b>object</b> 29:20	Р	45:14,22	process 15:24
months 11:15 26:5	objection 6:16	page 11:19 28:22	physician 16:2	produces 18:22
30:12	observable 18:5	52:3,5	19:19 25:13	professional 2:17
more 14:4 29:15	observations 30:17		35:12,23	4:5 14:10
		pain 18:15,24 19:3		nofundo 46.14 16
30:4,10 34:3 42:1	observed 29:11	21:9,12,15 22:6	physicians 13:7	profunda 46:14,16
44:8 48:5,7	obtain 27:21,25	22:19 26:4,5	40:13 42:4,18	prognosis 47:12,16
<b>morning</b> 28:19	28:2,4 32:3	28:19 31:2 38:21	49:2 50:14	- 47:18
most 13:19 20:7,8	occasion 14:24	39:12,15,19,20,23	<b>piece</b> 29:8	program 15:8
25:4 38:24 40:7	occlusion 18:13	40:2,4 45:16	place 18:20 53:10	prosthetic 50:2,7
45:25		<b>Part</b> 40:21	Plaintiff 1:5,18 2:2	provide 35:6
	19:13 21:17,18			
motions 6:14	41:2 44:19	participate 23:11	plaintiff's 5:15,20	provided 3:2 6:20
motor 27:20	occlusions 34:7	46:5 49:15	7:9	7:7 12:15 25:2
<b>multiple</b> 30:6 45:17	46:13	participated 13:25	plan 16:7 26:24	34:1
<b>muscle</b> 21:10	occlusive 29:15	50:15	32:1,334:17	<b>Public</b> 1:20 52:23
<b>M.D</b> 1:13,16 2:18	32:16.21 33:16	particular 13:17,22	41:21 42:2	53:4,16
3:1,6 52:17 53:6			PLEAS 1:1	publications 9:21
5.1,0 54.17 55.0	42:11,13	15:15 17:16 20:1		
	occur 18:4 44:23	20:10 22:23 23:9	please 3:8,11 7:15	9:23 13:21
N	occurred 5:5 11:14	25:17 26:14 27:1	38:18	pulses 18:14
nail 18:18	37:14	33:5	point 6:15,19 34:17	purposes 7:13
name 3:9 5:20 26:9	occurs 18:6	particularly 20:17	37:21 41:24 45:6	pursuant 1:21
36:20	off 3:18		47:6	put 33:21 44:3
	office 2:5 53:13	parts 10:12 party 53:11	poor 43:25 45:22	45:18,20
named 53:6		E DALLA V J V L	1 DUUL 43.43 43.44	+J.10,4V
	office 2.5 55.15	party 55.11	I	· · ·
	office 2.5 55.15	purty 55.11		

a de

## Page 5

	I	1		
putting 26:19	9:11 10:15 12:5	<b>review</b> 12:13,16,20	31:19 38:20	Southwest 10:18,20
<b>p.m</b> 1:24 51:3	15:10 25:16,24	15:17 26:18,22,23	selected 12:1	11:8 12:4
	26:1,7 33:18,24	reviewed 7:23 10:9	selective 10:12	speak 23:4,8 36:3
Q	35:20 47:13	10:11,17 11:10,24	send 51:1	50:14
qualified 53:5	<b>Registered</b> 1:19	11:25 13:2	sensation 27:20	speaking 15:21
question 6:4,7,8,10	related 40:16	revoked 9:18	28:19	
6:17 9:17 19:14	relative 53:11	right 22:18 25:16		specific 14:5 29:21
	relevance 13:23	11gitt 22:16 23:10	separate 17:8	specifically 15:1
20:5 40:1,12		26:1 27:17 28:11	serve 8:21	19:12 48:2
45:20	reliable 13:19	28:18 31:2 33:17	service 12:10 14:24	specified 53:10
questions 44:2	relieved 21:11	38:21 39:1,8,12	14:25 17:1 22:14	<b>spent</b> 14:16
49:24 50:21	remember 5:6,11	39:14 41:13 43:1	24:1030:24	splinter 18:18
	17:15 23:10	46:14,16 47:9	services 2:184:3,5	spoke 23:7 44:24
	25:15 31:8 35:4	50:24	4:945:8	<b>SS</b> 53:2
radiating 31:3	36:1737:24	risk 30:7 45:19,24	session 6:5	St 2:13 4:7 9:6
radiologists 46:15	43:15	River 3:12	set 1:25 53:7,13	stable 45:16
raise 42:5	<b>Reminger</b> 2:11,11	Road 2:22 3:12	seven 16:14	staff 4:7
Rakita 12:15 49:21	removal 21:25	room 5:1 10:19	several 8:7,21	
	render 4:4,5,9	11:8 12:3,9 16:19	11:15 17:18 42:3	stand 27:22
Rakita's 12:16	repeat 6:8			start 20:23
<b>Raskin</b> 2:19		16:22 17:7 23:23	severe 33:20,22	started 22:19
read 10:13 24:5	rephrase 6:9 19:17	24:7 25:11,13	38:20 39:9,19,21	state 1:21 3:8 8:2
27:138:1050:25	replacement 38:15	26:8 27:9 31:7,11	39:24 40:5 43:9	53:2,5,17
52:2	49:4,8	37:11 38:20 41:7	43:22	statement 40:8
reading 28:5	report 15:13 28:22	root 40:21	severity 33:18	statute 1:18
really 34:141:6,23	33:8,13 35:10	rotating 14:23	35:16	stay 11:14 12:23
reason 41:8 43:2	reporter 1:20 6:13	Row 2:21	sheet 26:7,10	stenotypy 53:8
recall 5: 15 22: 10	38:17	<b>rule</b> 30:20 42:9,16	shortly 43:18	step 11:20
24:9,14,21 25:7	request 24: 17 49:3	rules 3:3 6:3	<b>show</b> 32:15 46:12	stepped 31:1
25:20 27:13 29:6	requested 17:6	<b>Ryder</b> 2:19	<b>showed</b> 46:15	stepping 22:20
36:24 48:1	24:15 52:5		shower 22:20 31:1	still 6:1639:9
receive 16:22 33:8	requesting 31:16	<u> </u>	signature 24:5 51:4	Storoe 16:24 22:16
	require 19:23 32:5	same 4:116:11	significance 33:14	
received 5:10	43:3 47:19			22:23 23:1,4
recent 44:1		18:16 30:15	33:15 40:2	stroke 17:21 38:16
Recently 38:20	required 6:17 15:11	saw 11:8,17 25:3	significant 27:24	38:24 39:6 44:1
<b>Recess</b> 11:22 46:18	15:13,17	26:1627:829:2	46:11	44:12 45:15 50:6
recollection 22:9	requires 39:143:1	30:19 31:5,19	signs 18:3,4,9	<b>strokes</b> 40:11 44:14
23:16 25:23	research 13:25	32:2 36:11 37:6	simultaneously	strong 41:24
31:15 43:16	14:15	37:10,18,23 38:1	21:15	student 14:25
44:20	Reserve 15:8	39:7 41:18,20	since 13:5 28:19	students 14:15,20
recommended 44:9	residency 15:1,5,6	43:9,13,21 47:3	singie-family 3:16	14:23
45:14,23	15:8	48:18,22,25	sit 13:21 22:9	studies 20: 17 2 1:2 1
reconstruction	resident 16:3,5,11	saying 49:11	site 20:23	32:3,9,10 34:12
32:12	16:25 17:2 23:3	says 36:19	Sixteen 8:16	study 32:24 33:1,10
record 3:18 10:11	24:12,24,25 25:4	scenario 35:20	size 18:7	33:13,14,21,24
	26:11,11,15,19	scheduled 34:4	Skylight 2:5	
$10:13\ 22:21\ 24:2$	27:15		slow 38:17	34:1,7,15,21 35:1
49:10	residents 14:14,19	38:22		35:3,19,21 36:4
recorded 25:19,21		seal 53:13	small 18:10	subject 9:24 10:5
25:25 27:15,16	14:22 15:4,10	second 5:636:11	Smaller 18:15	14:1
records 6:20,22	16:18 31:23	37:12	Solon 2:22,23	Subscribed 52:19
10:15,16,18,22,24	responsibilities	seconds 27:19	some 6:2,15,19 12:6	sudden 19:1 31:2
11:8 12:1,3,6,7,7	14:12	see 6:19 17:16	12:17 16:19	suddenly 22:19
12:14,21 13:12,13	rest 19:5 21:11,13	18:10 24:7,12,15	17:24 18:4 20:22	suffer 48:5
recurrent 40: 10	21:15 22:6 38:21	31:11 34:23 36:6	28:3 34:14 41:11	suffered 48:7 50:6
reduced 53:8	39:11,15,19,19,23	36:10,14 37:15	42:6 50:22	suggest 28:23 39:3
refer 6:21 33:12	40:2,4 45:16	48:9,18	Somebody 38:4	suggested 41:9
referral 23:21	result 10:6 17:13	seeing 15:12 24:9	someone 36:15	42: 11,23
referred 5:3	18:12	26:10,16	something 45:13	suggestion 29:3
referring 10:16	results 28:23 33:11	seemed 43:9,25	sometimes 28:4	Suite 2:5
28:17 38:12	34:6 35:3,13,21	48:5	sorry 48:20	summary 25:5,8,9
refers 41:11	35:25 47:25	seen 15:20 17:7,12	sort 29:23	summary 25.5,8,9 supervise 14:20
	revascularization		source 25:21 28:25	supervised 14:20
refill 27:18	39:2 43:1,4	18:3 22:14 23:19	29:5	
regard 4:10,24 5:2	J J J . 4 T J . 1 . T	23:23 26:6 30:24	27.3	supervising 15:5,11

#### Page 6

15:14 16:18	39:5	treating 40:13	view 39:5 40:10	words 45:13
24:13	thigh 22:19	42:18	44:7	worsening 28:18
supervision 14:19	think 20:6 29:17	treatment 14:13	Vincent 4:7 9:6	30:11
		16:7 26:24 33:25	virtue 28: 14	wouldn't 26:22
supplying 19:9	36:19 40:15,24			49:5
sure 6:1 9:9 42:20	41:2 47:7 49:10	34:3 39:3	<b>visit</b> 11:4,11,16	
surgeon 16:17	thinking 33:24	true 44:13 53:8	12:4,11 23:9	would've 23:14
surgery 4:12,13	<b>Thomas</b> 2:18	<b>truth</b> 53:6,7,7	25:23 26:8 30:25	write 26:12
8:13,19 12:10	though 17:19 18:1	trying 20:1835:19	31:7 37:12	written 15:18 17:8
13:18 15:2,23	29:18 34:13 48:2	TUESDAY 1:14	<b>visits</b> 10:19,22 12:9	24:2,4 26:15 38:9
17:1,6,9 22:2,5	<b>thought</b> 11:10	<b>turn</b> 36:23	vitae 7:8,20 9:22	48:4,11
24:1030:24	29:14 42:4,19	<b>Twice</b> 4:23	<b>Vivian</b> 1:19 53:4,16	wrong 19:25
31:18 32:22 43:8	43:3 47:15,18	two 4:10,24 5:2,4	Vrobel 49:21	wrote 36:21 48:13
43:11 45:10,12,14	thromboembolec	10:19 13:2 21:22	<b>vs</b> 1:6	
45:23 49:4	39:2 40:19 41:1	27:1930:234:4	<b>V.A</b> 4:8 9:7,9	Y
surgical 15:7 21:24	41:11 43:2	48:24	•••••••••••••••••••••••••••••••••••••••	year 17:2
		type 15:5 18:22		years 5:68:16
23:2 45:6	thromboembolic		WV0.19	
suspended 9:17	46:13,16	28:3 41:12	W 2:18	17:18
suspicion 20:15	thrombolytic 39:5	Typically 31:10	<b>Wait</b> 37:13	
36:141:24	thrombolytics 44:7		waived 51:4	<u>Z</u>
sworn 3:4 52:19	44:9	U	walking 26:4	<b>zip</b> 3:14
53:6	thrombosis 22:4	ulceration 22:7	WALTER 1:4	
symptom 21:9	thrombus 20:23	ulcers 27:20	want 50:25 51:1	1
symptoms 18:3,5,9	21:25 41:3,5,12	unable 27:21,24	wanted 41:25	17:9,12 52:3
18:14,16,22 29:11	41:15	unclear 41:10,23	wasn't 45:5,24	<b>10th</b> 10:21
system 18:20 22:1	through 10:13	under 1:18 6:5	way 16:11 19:18	100 2:21
29:13	14:11,24 15:24	22:13 45:25	21:16 24:22 31:3	11 36:19
	29:25 32:4 46:21	undergo 32:23	35:1447:849:15	<b>11th</b> 36:12,19,24
	48:21 52:3	45:1049:4	week 16:14	37:7,19,23,25
take 6:14 11:19	time 6:15 9:10	undergone 49:7	weekend 38:23	38:12 39:8 41:20
12:13 16:18 33:2	14:16 16:23	understand 6:6,7	well 5:9 11:6 12:7	42:20 43:10,13,17
38:5.18	22:12 24:13	6:23 43:22	19:24 30:6 31:25	43:21 44:25 47:1
taken 1:19 4:15,20	30:15 31:9 33:23	understanding 46:8	32:20 33:10 34:1	47:3 48:12,17
5:12 53:10	34:24 35:19	understood 6:10	35:17 37:6 39:17	<b>113</b> 2:13
taking 29:25	36:11 37:6,18,23	University 15:9	42:9	<b>113</b> 2.13 <b>12</b> 5:6
	38:3 39:7 40:10	17:19	went 25:11	
talk 6:2 35:2	40:14 43:3,17	unless 6:17	were 8:4 9:8,12	<b>12th</b> 44:16,23,25
talked 35:24 41:8	45:10 47:2,2,6	use 41:1	10:19 11:23 12:6	48:22
43:7 45:1 47:12	53:10		12:17,18 14:21	<b>13th</b> 46:2 48:4,9
talking 20:3,4		used 49:13		15th 46:21 48:15,21
35:17 37:5 43:17	times 4:18,22,24	<b>usual</b> 24:22 35:13	15:4,6,7,11,11,12	49:19 53:14
44:21	5:2 19:22	usually 19:1,4	15:13,14,15,17	<b>1998</b> 3:25 8:5,24
taught 10:4	tiredness 21:10	·	16:13,21 24:13,19	9:1,12 14:11
teaching 14:14	tissue 21:3	Y	25:2,8 26:10	15:22 17:3 22:15
<b>TEE</b> 28:25	title 8:23	valve 29:4 38:15	27:11 28:8 29:3	36:19
tell 5:3 7:16 8:10	titles 8:17,24	49:4,7 50:2,7	31:8,18,22,24	l 
10:9,24 11:3	today 7:23 13:22	variations 18:9	32:6,8 33:5,24	2
19:11 28:16 30:3	22:10	vascular 4:11,12,13	34:6,8 37:21 42:4	2001 1:14 52:20
33:13 44:8 49:24	toe 27:17	8:12,19,21 12:10	42:17 43:10,13	53:14
50:25	toes 18:17	13:18 14:5,14	44:1446:2,647:3	2004 53:18
ten 30:22 31:19	told 29:1745:7	15:2,22 16:3,17	47:20,24	216-241-2600 2:7
term 21:6 41:1	top 41:15 42:12	16:25 17:6,9,12	weren't 16:9	216-687-1311 2:15
terms 14:1043:20	<b>TOSTI</b> 2:4 3:7	20:16 21:4,18	Western 15:8	24 16:13
test 20:129:22	11:18 37:5 50:20	24:1027:529:9	WHEREOF 53:13	2500 1:23
testify 53:6	Tower 2:5	29:19 30:4,7,9,14	whichever 9:11	<b>26th</b> 22:15,25 23:12
testimony 7:3 13:1	training 14:21	30:24 31:18 32:4	while 46:20	30:23
53:7.9	transcribed 53:8	32:24 33:3,13	whole 53:6	
testing 19:23 33:6,9	transcript 51:1	34:9 36:20 47:13	William 5:19	
tests 19:7,11 20:10	52:2	vegetative 17:25	witness 1:17 3:1	2.20 1.24
30:2 32:25	transcription 53:9	vegetative 17.25 veins 21:7	11:20 53:13	3:30 1:24
textbook 13:17	transfer 49:16	verbally 6:13	woman 38:14	343052:22
their 15:12,14,17	50:10	very 39:4 43:25	wonder 19:17	<b>393899</b> 1:6
therapy 32:17,19	treated 17:19	44:6	word 40:21	A
uncrapy 52.17,19		0.77		4
Ϋ́ι	4	4	1	1

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## **JANUARY 9,2001**

Page 7

<b>440-248-7906</b> 2:24 <b>44040</b> 3:15 <b>44113</b> 2:6 <b>44114</b> 2:14 <b>44139</b> 2:23			
5 5-7-98 33:13 5:00 51:3 51 52:3 590 3:12			
6           6th23:20,22 24:16           25: 12 27:4,8 29:2           29:12 30:18 31:5           31:20 32:2 34:22           660 2:5			
7 7th 32:24 73-year-old 38:14			
<b>8</b> <b>8</b> 53:18 <b>8th</b> 10:21 34:23 36:6,6,14 37:15 37:22 38:10 46:21 48:14,20 49:19 50:6			
91:14         9th 28:21         98 23:13,20,22         24:16 25:12 27:4         27:8 28:21 29:2         29:12 30:18,23         32:2,24 37:15         39:8 44:17 46:2         48:12			
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#### CURRICULUM VITAE John Jeffrey Alexander, M.D.

BORN:	March 6, 1	L952	Washington D.	С.	
CITIZENSHIP:	USA				
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EDUCATION:	1970	Diplom (Valed	a lictorian)	Harriton Rosemont,	High School , PA
	1974	A.B. (	Dean's List)	Cornell U Ithaca, M	Jniversity WY
	1978	M.D.		Univ. of Pittsburg	Pittsburgh gh, PA
	1978-79	Surgic Intern		Univ. of Chicago,	-
	1979-82	Surgic Reside		Univ. of Chicago,	-
	1982-83	Chief	Residency	Univ. of Chicago,	-
	1983-84	Fellow Vascula	ship ar Surgery	Univ. of Chicago,	
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APPOINTMENTS:

Associate Professor of Surgery with Tenure Case Western Reserve University, 1992-Present

Director, Blood Flow Laboratory MetroHealth Medical Center, 1984 - Present

Director of Vascular Surgery MetroHealth Medical Center, 1994 - Present

PLAINTIFF'S EXHIBIT 9.0

#### PROFESSIONAL APPOINTMENTS CONTINUED:

Assistant Professor of Surgery Case Western Reserve University, 1984-1992

Staff Surgeon MetroHealth Medical Center, 1984-Present

Consulting Vascular Surgeon Mt. Sinai Medical Center, 1997 St. Vincent Charity Hosptial, 1997

MILITARY SERVICE: None

#### LICENSURE: National Board of Medical Examiners, 1979 State of Ohio, 1983 (35-05-0377)

- CERTIFICATION: American Board of Surgery, 1984 Cert #29966, Recertification, 1993 Special Qualifications in General Vascular Surgery, 1988 - Cert #732; Recertification, 1996
- FELLOWSHIP: Fellow, American College of Surgeons, 1987 Fellow, American College of Angiology, 1989

PROFESSIONAL Society for Non-invasive Vascular Technology, 1986 Association for Academic Surgery, 1986 SOCIETIES: New York Academy of Sciences, 1986 Cleveland Surgical Society, 1987 Cleveland Vascular Society, 1987 Ohio Chapter, American College of Surgeons, 1987 American College of Angiology, 1989 Academy of Surgical Research, 1989 Midwestern Vascular Surgical Society, 1990 International Society for Cardiovascular Surgery, North American Chapter, 1991 Society for Clinical Vascular Surgery, 1993 Society for Vascular Surgery, 1994 Society of University Surgeons, 1995 Central Surgical Society, 1995

EDITORIAL BOARDS: Guest Editorial Reviewer, Journal of Surgical Research 1991, 1992, 1994, 1995, 1996 Guest Editorial Reviewer, Journal of Vascular Surgery, 1993 Editorial Board, Journal of Surgical Research, 1997 Guest Editorial Reviewer, Cardiovascular Surgery 1997

HOSPITAL COMMITTEES/FUNCTIONS:

Director, Vascular Laboratory Sponsor, MetroHealth Medical Center Vascular Conference Member, Human Investigation Committee, 1984-present Member, Quality Assurance Committee, 1984-1994 Member, Surgical Outpatient Xanagement Team, 1984-1994

HOSPITAL COMMITTEES/FUNCTIONS CONTINUED: Member, Drug Utilization Review Committee, **1985 -** 1987 Member, Planning Committee, Cardiovascular Clinical and Research Program, 1990 - 1993 Medical Staff Committee for Scientific Review, Institution Review Board and Product Evaluation Committee, 1992 - Present Member, Ad Hoc Committee for Revision of the Department of Surgery Practice Plan, 1993 Chairman, Ad Hoc Committee for Revision of Outpatient Clinics, MHMC, 1994 Member, Board of Trustees, Harold H. Brittingham Memorial Library Editorial Board, MetroHealth Monitor Member, Ad Hoc Committee for Monitoring Standards of Vascular Surgery, Cleveland Health Quality Choice "The Effect of Sepsis on Insulin Binding and Glycogen **PRESENTATIONS:** Synthesis in Isolated Rat Hepatocytes" American College of Surgeons, October 1981, San Francisco, California. "Alterations in Glucagon-mediated glycogenolysis in Septic Rats" American College of Surgeons, October, 1982, San Francisco, California, "Prosthetic Graft Infection" Temple University Surgical Ground Rounds, February, 1983, Philadelphia, Pennsylvania. "Results of Changing Trends in the Surgical Management of Diverticular Disease" Central Surgical Association, March, 1983, Milwaukee, Wisconsin. "The Treatment of Pulmonary Embolism" Cleveland Metropolitan General Hospital, Medical Grand

> "Surgical Treatment of Pulmonary Embolism" Case Western Reserve University/Cleveland Metropolitan General Hospital, Surgical Grand Rounds, October, 1984, Cleveland, Ohio.

Rounds, October, 1984, Cleveland, Ohio.

"Peripheral Vascular Disease in the Elderly" Highland View Hospital Medicine Conference, November, 1984, Cleveland, Ohio.

#### PRESENTATIONS CONTINUED:

"The Blind Femoropopliteal Bypass" Ohio Chapter American College of Surgeons, May, 1985, Cleveland, Ohio.

"Distal Arterial Reconstruction" Case Western Reserve University/Cleveland Metropolitan General Hospital, Surgical Grand Rounds, May, 1985, Cleveland, Ohio.

"Distal Arterial Reconstruction" Cleveland Metropolitan General Hospital Surgical Symposium, October, 1985, Cleveland, Ohio.

"Angioaccess" Ohio Nursing Renal Workshop, January, 1986, Cleveland, Ohio.

"Advances in Peripheral Arterial Reconstruction: Insitu Bypass" Case Western Reserve University Resident's Reunion, June, 1986, Cleveland, Ohio.

"Vascular Injury with Blunt Trauma to the Extremities" Case Western Reserve University Trauma Symposium, June, 1986, Cleveland, Ohio.

"Noninvasive Vascular Evaluation" Case Western Reserve University, Surgical Grand Rounds, June 1986, Cleveland, Ohio.

"Upper Extremity Vascular Injury" Case Western Reserve University Trauma Symposium, June, 1987, Cleveland, Ohio.

"Complex Orthopedic and Arterial Injury" Maine Medical Center Surgical Grand Rounds, January, 1988, Portland, Maine.

"Renovascular Hypertension" Cleveland Metropolitan General Hospital Medical Grand Rounds, October, 1988, Cleveland, Ohio.

"The Effect of Estrogen on Low Density Lipoprotein Uptake by Bovine Aortic Endothelial Cells" Association for Academic Surgery, November, 1988, Salt Lake City, Utah.

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Endothelial and Smooth Muscle Cell Proliferation and Collagen Production" Resident's Program, Society of University Surgeons, February, 1989, Baltimore, Maryland.

Sponsor: "Effects of Argon Laser Irradiation on Aortic Endothelial Cells: Early Membrane Changes and Proliferative Response" CMGH Scientific Contest, June, 1988, Cleveland, Ohio.

Sponsor: "Traumatic Arterial Injuries of the Upper Extremity" Cleveland Surgical Society Resident's Contest, First Prize - Clinical, May, 1988, Cleveland, Ohio.

Sponsor: "The Effect of Thrombin on Bovine Aortic Endothelial and Smooth Muscle Cells" Cleveland Surgical Society Resident's Contest, First Prize - Research, May, 1988, Cleveland, Ohio.

"Venous insufficiency" Highland View Hospital Grand Rounds, April, 1990, Cleveland, Ohio.

Co-presenter: "Co-Culture of Aortic Endothelial and Smooth Muscle Cells Using Porous Polycarbonate Fibters" Society for Biomaterials, May, 1990, Charleston, South Carolina.

"Low Density Lipoprotein Uptake by an Endotheiial Smooth Muscle Cell Bilayer" Society for Vascular Surgery, June, 1990, Los Angeles, California.

"Alterations of Venous Flow in Hemiparetic Patients" American College of Angiology, October, 1990, Atlanta, Georgia.

Co-presenter: "Thrombin Alters Permeability and Proliferation of Co-Cultured Endothelial and Smooth Muscle Cells" American College of Surgeons, October, 1990, San Francisco, California.

"The Effect of Oxygen Radicals on LDL Permeability in an Arterial Endothelial-Smooth Muscle Cell Bilayer" Association for Academic Surgery, November, 1990, Houston, Texas. "The Outcome of IIIC Injury of the Lower Extremity" Society for Clinical Vascular Surgery, April, 1991, Kauai, Hawaii.

"The Effect of Thrombin on LDL Permeability and Uptake by an Arterial Endothelial-Smooth Muscle Cell Bilayer" Society for Vascular Surgery, June, 1991, Boston, Massachusetts.

Moderator: Trauma co the Extremities Case Western Reserve Trauma Symposium, September, 1991, Cleveland, Ohio

"Lipoprotein Interaction with an Arterial Endothelial Smooth Muscle Cell Bilayer Dartmouth College Vascular Research Seminar, March, 1992, Hanover, New Hampshire.

Invited Discussant: "Cigarette Smoke Alters Chylomicron Metabolism in Rats"; Pan, et al Society of Vascular Surgery, June, 1992, Chicago, Illinois. J. Vasc Surg

Invited Discussant: "The Influence of Carotid Siphon Stenosis on Short and Long Term Outcome following Carotid Endarterectomy"; Mattos, et al Midwestern Vascular Surgical Society, September, 1992, Cleveland, Ohio, J. Vasc Surg, 17: 910-11, 1993.

"The Effect of Nifedipine on Lipid Uptake and Sequestration within an Endothelial-Smooth Muscle Cell Bilayer" Midwestern Vascular Surgical Society, September, 1992, Cleveland, Ohio.

"Second Messenger Regulation of Lipoprotein Uptake by an Arterial Wall Model" Association for Academic Surgery, November, 1992, Montreal, Canada.

"Intracellular Signaling and Lipoprotein Utilization by the Arterial Wall" Case Western Reserve University Surgical Grand Rounds, January, 1993, Cleveland, Ohio.

"Calcium Regulation of Endothelial Permeability to Low Density Lipoprotein and U937 Monocytes'' Society for Vascular Surgery, June, 1993, Washington, D.C. "A Dilemma in Geriatric Rehabilitation: Optimal Detection of Deep Venous Thrombosis" MHMC Center for Rehabilitation Grand Rounds, September, 1993, Cleveland, Ohio

"Is the Increasing Use of Prophylactic Percutaneous IVC Filters Justified?" Society for Clinical Vascular Surgery, March, 1994, Tucson, Arizona.

"Surgical Treatment for Asymptomatic Carotid Artery Stenosis". Case Western Reserve University Symposium, "Cardiovascular Disease in the Elderly", May, 1994 Cleveland, Ohio

Invited Discussant: "Prediction of Amputation Wound Healing with Skin Perfusion Pressure". Castronuovo, J et al. Midwestern Vascular Surgical Society, September, 1994, Cincinnati, Ohio

"The Influence of Calcium on the Endothelial Response to Low Density Lipoprotein". Central Surgical Association, March, 1995, Cleveland, Ohio.

Sponsor: "Transesophageal Echocardiography for the Evaluation of Peripheral Arterial Emboli". Society for Clinical Vascular Surgery, March, 1995. Fort Lauderdale, Florida.

"Sex Hormones Influence Aortic Smooth Muscle Cell Uptake of LDL by Altering its Oxidative Modification." Midwestern Vascular Surgical Society, September, 1995. Chicago, Illinois.

Invited Discussant: "Inhibition of Smooth Muscle Cell Migration in-vitro by c-myb Antisense Oligonucleotides." Pitsch, RJ, et al. Midwestern Vascular Surgical Society, September, 1995. Chicago, Illinois.

Sponsor: "Sex Hormones Affect the Calcium Signaling Response of Human Arterial Cells to LDL" Association for Academic Surgery, November, 1995, Dearborn, Michigan.

Sponsor: "Calcium Dependent Second Messenger Regulation of LDL Oxidation by Human Aortic Smooth Muscle Cells". Society of University Surgeons, February, 1996, Washington D.C. "The Role of Composite Sequential Bypass on the Treatment of Multilevel Peripheral Vascular Disease" Society for Clinical Vascular Surgery, March, 1996. Palm Springs, California.

Invited Discussant: "Combined Exposure to Cigarette Smoke and Hypercholesterolemia Decreased Vasorelaxation of the Aorta." Mudaliar, JH, et al. Midwestern Vascular Surgical Society, September, 1996, St. Louis, MO.

Invited Discussant: "Flow-induced Arterial Remodeling is Inhibited by Suppression of Nitric Oxide." Guzman, R, et al. Society of University Surgeons, February, 1997. Tampa, Florida.

Invited Discussant: "Protein Kinase C Isoforms in Human Aortic Smooth Muscle Cells." Grange JJ, et al. Midwestern Vascular Surgical Society Chicago, Ill September, 1997.

"The Use and Mis-use of Vena Cava Filters." Ohio Chapter, American College of Surgeons, May, 1999, Cleveland, Ohio.

- OTHER EXPERIENCE: 1973-74 Research in Lipid Metabolism University of Pennsylvania
  - 1975 Cardiac Pump Team Assistant Yale University, New Haven, CT
  - 1986-87 Sponsor, Chester Summer Scholar/Vascular Research Cleveland Metropolitan General Hospital

# BIBLIOGRAPHY:

ARTICLES :

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- Alexander J, Diakoumis K, Karl RC: The effect of sepsis on insulin binding and glycogen synthesis in isolated rat hepatocytes. Surg Forum 32:178-180, 1981.
- 3) Alexander J, Diakoumis K, Karl RC: Alterations in glucagon-mediated glycogenolysis in septic rats. Surg Forum 33:33-34, 1982.
- 4) Alexander J, Karl RC, Skinner DB: Results of changing

trends in the surgical management of diverticular disease. Surgery 94:683-690, 1983.

- 5) Alexander J, Glagov S, Zarins CK: Repair of a vertebral artery dissection. J Neurosurg 64:662-665, 1986.
- 6) Alexander J, Gewertz BL, Lu CT, Zarins CK: New Criteria for prophylactic vena cava filter placement. Surg Gynecol & Obstet 163:405-409, 1986.
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- 8) Alexander J, Hoenig M, Graham D, Imbembo AL: The effect of estrogen on low density lipoprotein uptake by bovine aortic endothelial cells. J Surg Res 46:537-542, 1989.
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- 13) Graham DJ, Alexander JJ, Miguel R: Co-culture of aortic endothelial and smooth muscle cells. Surg Forum 45:332-334, 1989.
- 14) Graham DJ, Alexander JJ, Miguel R: The effect of thrombin on bovine aortic endothelial and smooth muscle cells. J Vasc Surg 11:307-313, 1990.
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proliferation and collagen production. Current Surgery 47:27-30, 1990.

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- 19) Graham D, Alexander JJ, Miguel R. Thrombin alters permeability and proliferation of co-cultured endothelial and smooth muscle cells. Surg Forum 46:322-324, 1990.
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- 23) Alexander JJ: Expansion of the venous outflow tract in forearm arteriovenous grafts using antebrachial venoplasty. Surg Gynecol & Gbstet 173:235-6, 1991.
- 24) Alexander JJ, Graham D, Miguel R: Oxygen radicals alter LDL permeability and uptake by an endothelialsmooth muscle cell bilayer. J Surg Res 51:361-367, 1991.
- 25) Alexander JJ, Piotrowski JJ, Graham D, Franceschi D, King T: The outcome of complex vascular and orthopedic injuries of the lower extremity. Am J Surg 162:111-116, 1991.
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   Am J Surg 172: 118-22, 1996.
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- 49) Alexander JJ. Renal pedicle injury. Vascular reconstruction. Atlas Urol Clin NA. 6:47-58, 1998.

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#### ABSTRACTS/MANUSCRIPTS PENDING:

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