

<p style="text-align: right;">Page 1</p> <p>1 IN THE COURT OF COMMON PLEAS 2 OF CUYAHOGA COUNTY, OHIO 3 ----- 4 DIANE COLVIN, ADMINISTRATOR 5 OF THE ESTATE OF GREGORY 6 COLVIN, 7 Plaintiff, 8 vs. Case No. 9 KEITH KRUIHOFF, M.D., 10 ET AL., 388614 11 Defendants. 12 ----- 13 DEPOSITION OF STEVEN K. SCHMITT, M.D. 14 Friday, September 29, 2000 15 ----- 16 Deposition of STEVEN K. SCHMITT, M.D., 17 a witness herein, called by the Plaintiff 18 for examination under the statute, taken before 19 me, Karen M. Patterson, a Registered Merit 20 Reporter and Notary Public in and for the State 21 of Ohio, pursuant to notice and stipulations of 22 counsel, at the offices of Cleveland Clinic 23 Foundation, 9500 Euclid Avenue, Cleveland, Ohio, 24 at 10:00 o'clock a.m. on the day and date set 25 forth above.</p>	<p style="text-align: right;">Page 3</p> <p>1 STEVEN K. SCHMITT, M.D., of lawful age, 2 called for examination, as provided by the Ohio 3 Rules of Civil Procedure, being by me first duly 4 sworn, as hereinafter certified, deposed and said 5 as follows: 6 EXAMINATION OF STEVEN K. SCHMITT, M.D. 7 BY MS. TOSTI: 8 Q. Doctor, would you please state your 9 name for us. 10 A. Steven Schmitt. 11 Q. And what is your home address? 12 A. My home address is 435 Medway, 13 M-E-D-W-A-Y, Road, Highland Heights, Ohio, 44113. 14 Q. Is that a single-family home? 15 A. It is. 16 Q. Is your current business address here 17 at the main campus of Cleveland Clinic? 18 A. It is. 19 Q. And was that also true at the time 20 that you rendered care to Gregory Colvin in 21 1997? 22 A. Yes. 23 Q. I'm sorry, 1998. 24 A. Yes. 25 Q. In 1998, who was your employer?</p>
<p style="text-align: right;">Page 2</p> <p>1 APPEARANCES: 2 On behalf of the Plaintiff: 3 Becker & Mishkind Co., L.P.A., by 4 JEANNE TOSTI, ESQ. 5 Suite 660 Skylight Office Tower 6 1660 West 2nd Street 7 Cleveland, Ohio 44113 8 (216) 241-2600 9 On behalf of the Defendant Cleveland Clinic 10 Foundation: 11 STEPHEN A. SKIVER, ESQ. 12 30025 E. River Road 13 Perrysburg, Ohio 43551 14 (419) 666-3417 15 On behalf of the Defendant Keith Kruithoff, 16 M.D. 17 Bonezzi Switzer Murphy & Polito Co., 18 L.P.A., by 19 JOHN S. POLITO, ESQ. 20 Leader Building, Suite 1400 21 526 Superior Avenue 22 Cleveland, Ohio 44114-1491 23 (216) 875-2767 24 On behalf of the Defendant Ohio Permanente 25 Medical Group: 26 Roetzel & Andress, by 27 INGRID KINKOPF-ZAJAC, ESQ. 28 1375 East 9th Street 29 Cleveland, Ohio 44114 30 (216) 623-0150 31 -----</p>	<p style="text-align: right;">Page 4</p> <p>1 A. Cleveland Clinic Foundation. 2 Q. And that is also your current 3 employer? 4 A. Yes. 5 Q. And aside from Cleveland Clinic, do 6 you provide professional services for any other 7 entity? 8 A. I provide no patient care for any 9 other entity. 10 Q. Any other type of professional 11 services for any other entity besides the 12 Cleveland Clinic? 13 A. Occasional lectures for drug 14 companies. 15 Q. Have you ever had your deposition 16 taken before? 17 A. I have. 18 Q. How manytimes? 19 A. Once. 20 Q. And why was your deposition being 21 taken? And by that I mean in what capacity; were 22 you a fact witness, a Defendant, a medical 23 expert? 24 A. I was a fact witness. 25 Q. Was it in a medical negligence case?</p>

<p style="text-align: right;">Page 5</p> <p>1 A. It was.</p> <p>2 Q. When was your deposition taken?</p> <p>3 A. Earlier this year. I can't remember</p> <p>4 exactly when.</p> <p>5 Q. Was your care in question in that</p> <p>6 case?</p> <p>7 A. No.</p> <p>8 Q. Do you recall the name of the</p> <p>9 Plaintiff in that case?</p> <p>10 A. Todaro.</p> <p>11 Q. Is that case still pending?</p> <p>12 A. Yes.</p> <p>13 Q. Can you tell me what the allegation of</p> <p>14 negligence is in that case, please?</p> <p>15 MR. SKIVER: Just very briefly,</p> <p>16 doctor, if you know.</p> <p>17 A. It was a case of endocarditis that</p> <p>18 seeded a prosthetic joint and subsequently led to</p> <p>19 debility on the patient's part.</p> <p>20 Q. Did the patient die?</p> <p>21 A. No.</p> <p>22 Q. I want to go over a few of the ground</p> <p>23 rules for depositions. I'm sure counsel has had</p> <p>24 a chance to talk with you. This is a</p> <p>25 question-and-answer session; it's under oath.</p>	<p style="text-align: right;">Page 7</p> <p>1 expert in a medical/legal case?</p> <p>2 A. No.</p> <p>3 Q. Now, doctor, you are currently</p> <p>4 licensed in the State of Ohio; is that correct?</p> <p>5 A. Yes.</p> <p>6 Q. Are you licensed in any other states?</p> <p>7 A. No.</p> <p>8 Q. And at the time that you rendered care</p> <p>9 to Gregory Colvin, you were also so licensed in</p> <p>10 Ohio?</p> <p>11 A. Yes.</p> <p>12 Q. Has your license in Ohio ever been</p> <p>13 suspended, revoked or called into question?</p> <p>14 A. No.</p> <p>15 Q. You are board certified in infectious</p> <p>16 disease and in internal medicine; is that</p> <p>17 correct?</p> <p>18 A. Yes.</p> <p>19 Q. Did you pass both of those</p> <p>20 certifications on your first attempt?</p> <p>21 A. Yes.</p> <p>22 Q. I take it you have hospital privileges</p> <p>23 here at Cleveland Clinic; correct?</p> <p>24 A. Yes.</p> <p>25 Q. Do you have hospital privileges at any</p>
<p style="text-align: right;">Page 6</p> <p>1 It's important that you understand my questions.</p> <p>2 If you don't understand them, just tell me, and</p> <p>3 I'll be happy to repeat the question or rephrase</p> <p>4 them. Otherwise, I'm going to assume that you</p> <p>5 understood my question and that you're able to</p> <p>6 answer it.</p> <p>7 It's important that you give all of</p> <p>8 your answers verbally. The court reporter can't</p> <p>9 take down head nods or hand motions. If at some</p> <p>10 point you would like to refer to the medical</p> <p>11 records that counsel has provided to you, please</p> <p>12 feel free to do so. Also, at some point during</p> <p>13 the deposition, defense counsel may choose to</p> <p>14 enter an objection. You are still required to</p> <p>15 answer my question unless counsel instructs you</p> <p>16 not to do so.</p> <p>17 Do you understand those instructions?</p> <p>18 A. Yes.</p> <p>19 Q. Have you ever been named as a</p> <p>20 Defendant in a medical negligence case?</p> <p>21 A. No.</p> <p>22 Q. Have you ever given trial testimony in</p> <p>23 a medical negligence case?</p> <p>24 A. No.</p> <p>25 Q. Have you ever acted as a medical</p>	<p style="text-align: right;">Page 8</p> <p>1 other area hospitals?</p> <p>2 A. No.</p> <p>3 Q. Have your hospital privileges ever</p> <p>4 been suspended, revoked or called into question?</p> <p>5 A. No.</p> <p>6 MS. TOSTI: Would you put an exhibit</p> <p>7 sticker on this for me, please.</p> <p>8 - - - - -</p> <p>9 (Thereupon, PLAINTIFF'S Deposition</p> <p>10 Exhibit 1 was mark'd for purposes</p> <p>11 of identification.)</p> <p>12 - - - - -</p> <p>13 Q. Doctor, I'm handing you what has been</p> <p>14 marked as Plaintiffs Exhibit 1, and I would ask</p> <p>15 if you would just identify that document for us.</p> <p>16 A. This is my curriculum vitae.</p> <p>17 Q. Is it current and up to date, or are</p> <p>18 there any corrections that you would like to make</p> <p>19 to that document?</p> <p>20 A. There may be some poster presentations</p> <p>21 from a meeting a week or two ago, but nothing</p> <p>22 other than that.</p> <p>23 Q. Now, doctor, you served both a</p> <p>24 residency and a fellowship here at Cleveland</p> <p>25 Clinic; correct?</p> <p>26 A. Yes.</p> <p>27 Q. And currently you hold the position of</p>

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1 staff physician here; correct?
2 A. Correct.
3 Q. Do you have any other administrative
4 titles here at the Cleveland Clinic besides staff
5 physician?
6 A. No.
7 Q. Doctor, you have a number of
8 publications that are listed on your curriculum
9 vitae. Do any of those publications deal with
10 the subject matters of endocarditis?
11 A. No.
12 MR. SKIVER: Wait a minute, doctor.
13 There might have been one here that I saw.
14 A. Oh, one, pardon me. Correction.
15 Abstract.
16 Q. Would you tell me what the title of
17 that abstract is.
18 A. "Of back pain and stroke:
19 Staphylococcus aureus endocarditis with multiple
20 septic emboli."
21 Q. And is that abstract published in any
22 particular publication?
23 A. No.
24 Q. And aside from that particular
25 abstract, is there anything else on your

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1 A. I have not.
2 Q. And then there was a set of records
3 for a second admission when he came in, I
4 believe, on February 23rd for about four days.
5 You looked at some records from that admission?
6 A. Very briefly.
7 Q. Have you looked at any Kaiser or
8 Cleveland Clinic outpatient records?
9 A. No.
10 Q. Have you at any time reviewed the
11 actual tapes from any echocardiograms?
12 A. No.
13 Q. Any deposition testimony have you
14 reviewed?
15 A. No.
16 Q. And in preparation for this
17 deposition, have you referred to any textbooks or
18 journal articles?
19 A. No.
20 Q. Since this case was filed, have you
21 discussed the case with any physicians other than
22 Mr. Skiver?
23 A. When I first heard that there was
24 litigation, I began to discuss the case with my
25 partner, David Longworth, for about one minute,

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1 curriculum vitae that deals with endocarditis?
2 A. No.
3 Q. In May of 1998, did you hold any
4 administrative positions at the Cleveland Clinic
5 aside from your designation as staff physician?
6 A. No.
7 Q. Have you ever taught or given formal
8 lecture on the subject matter of endocarditis?
9 A. No.
10 Q. Tell me what you have reviewed for
11 this deposition.
12 A. I have reviewed in detail the
13 admission from May of 1998; May 12, 1998 to May
14 17th, 1998.
15 Q. There are a number of other medical
16 records that pertain to care that this patient
17 received at the Cleveland Clinic. Have you only
18 seen the one admission on Gregory Colvin?
19 A. I have briefly seen an earlier
20 admission from, I believe, February of 1998, but
21 have not reviewed it in detail for this.
22 Q. He had an admission in which he had
23 his mitral valve replaced. Did you look at any
24 of those records from the actual mitral valve
25 replacement which occurred early in February?

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1 and he reminded me that we ought not be, so we
2 stopped.
3 Q. And in the brief time that you
4 discussed it with him, what did you discuss?
5 A. That there was litigation.
6 Q. Did you discuss any of the facts in
7 the case?
8 A. No, not that I recall.
9 Q. Other than with counsel, have you
10 discussed this case with anyone else?
11 A. No.
12 Q. Do you have, aside from what is in the
13 medical records from Gregory Colvin's May 12th
14 admission, do you have any personal notes or a
15 personal file on this case?
16 A. No.
17 Q. Have you ever generated any such
18 notes?
19 A. No.
20 Q. Doctor, is there a textbook or a
21 particular book that you consider to be the best
22 in your field of infectious disease?
23 A. There are several excellent textbooks
24 with good information; some of it I agree with,
25 some of it I don't.

3 (Pages 9 to 12)

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1 Q. Which ones do you find that you use
2 occasionally?
3 A. I use Mandell's textbook mostly.
4 Q. Do you find generally that that
5 information is reliable in that book?
6 A. I agree with it sometimes, and
7 sometimes I disagree.
8 Q. As you sit here today, are there any
9 particular publications that you believe have
10 specific relevance to this case? And my question
11 is if there's any that you know of at this
12 particular point in time.
13 A. Not specifically.
14 Q. Have you participated in any research
15 dealing with the subject matter of bacterial
16 endocarditis?
17 A. No.
18 Q. And is your practice limited to the
19 field of infectious disease?
20 A. Yes.
21 Q. How often do you see patients with
22 prosthetic valve endocarditis?
23 A. Perhaps five in a year.
24 Q. Do you know what the incidence of
25 early prosthetic valve endocarditis is after

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1 effect a cure?
2 A. Not in every circumstance.
3 Q. So you're aware of some instances
4 where it has been treated effectively by medical
5 means rather than surgical means?
6 A. On occasion.
7 Q. Can you give me a ballpark estimate as
8 to how often that occurs?
9 A. Not very often.
10 Q. So would it be fair to say, in most
11 cases of prosthetic valve endocarditis, there's
12 going to have to be surgical intervention to cure
13 the infection?
14 A. In most cases, there is surgical
15 intervention.
16 Q. Doctor, do you know what the mortality
17 rate is for early prosthetic valve endocarditis?
18 A. I don't off the top of my head.
19 Q. If prosthetic valve endocarditis goes
20 untreated, would you agree it's almost
21 universally fatal?
22 A. If untreated?
23 Q. Yes.
24 A. Yes.
25 Q. And would you agree that, given the

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1 valve replacement?
2 A. That varies according to institution.
3 Q. What is it at Cleveland Clinic?
4 A. I'm not certain.
5 Q. Who would have those statistics?
6 A. I'm not sure. Perhaps the department
7 of surgery might, but I don't know for sure.
8 Q. That's not something that the
9 infectious disease department would track, the
10 rate of prosthetic valve endocarditis at the
11 Cleveland Clinic?
12 A. Not the department of infectious
13 disease. Surgeons might.
14 Q. Is there a particular organism that is
15 the most common organism to cause prosthetic
16 valve endocarditis?
17 A. The most common organism --
18 Q. Yes.
19 A. --would be coagulase negative
20 staphylococci. Also, I think I need to amend a
21 statement. Probably the department of infection
22 control also tracks that, just so you have that
23 correct answer.
24 Q. Does prosthetic valve bacterial
25 endocarditis always require valve replacement to

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1 life-threatening nature of prosthetic valve
2 endocarditis, physicians caring for patients with
3 prosthetic heart valves must be extremely
4 vigilant for signs and symptoms of prosthetic
5 valve endocarditis?
6 A. I would agree that patients should be
7 followed, yes.
8 Q. Doctor, what type of signs or symptoms
9 would raise reasonable suspicion for prosthetic
10 valve endocarditis?
11 MR. SKIVER: Objection.
12 Q. You may answer.
13 A. Fever, chills, sweats.
14 Q. Weight loss?
15 A. Can be. It's a nonspecific finding.
16 Q. Anemia?
17 A. Can be.
18 Q. Elevated erythrocyte sedimentation
19 rate?
20 A. Yes. But, again, that's a nonspecific
21 finding.
22 Q. Well, doctor, wouldn't fever and
23 chills and sweats and fatigue be nonspecific
24 also?
25 A. Absolutely.

4 (Pages 13 to 16)

<p style="text-align: right;">Page 17</p> <p>1 Q. If there's a reasonable suspicion for 2 prosthetic valve endocarditis, what should the 3 medical workup entail? 4 A. Usually it would entail blood 5 cultures, many of the blood tests you just 6 mentioned: Complete blood count, sedimentation 7 rate, usually blood chemistries, frequently an 8 echocardiogram. 9 Q. And when you speak of blood cultures, 10 what is the procedure for doing the blood 11 cultures? How many blood cultures, how often do 12 you do them, what spacing of time, those types of 13 things? 14 A. It would depend on the situation, but 15 we would ordinarily get several blood cultures in 16 a space in time of the first few days of 17 admission. 18 Q. Well, what would it depend on, 19 doctor? You said it would depend on the 20 situation. In some circumstances, you might get 21 more than others. For instance, if the blood 22 cultures that you initially draw are negative, 23 you may get more. 24 Q. Well, doctor, if the patient comes in 25 and you have a reasonable suspicion for</p>	<p style="text-align: right;">Page 19</p> <p>1 Q. What would that be an indication of? 2 A. Inflammation. 3 Q. And in regard to the complete blood 4 count? 5 A. There can be an elevated white blood 6 cell count, there can be anemia, there can be 7 either elevations or lowerings of platelet count. 8 Q. Now, in order to diagnose a patient 9 with prosthetic valve endocarditis, do you have 10 to have any particular diagnostic results in 11 order to make that diagnosis? 12 A. Usually the finding of multiple 13 positive blood cultures or definitive 14 echocardiographic findings. 15 Q. And, doctor, in some instances, do you 16 make a presumptive diagnosis when you don't have 17 positive blood cultures or definitive echo 18 findings that the patient has prosthetic valve 19 endocarditis? Is that done in some instances? 20 A. If there was a strong clinical 21 suspicion on the basis of physical findings, we 22 might make that diagnosis. 23 Q. Now, doctor, how long does it take for 24 blood cultures to come back once they're drawn? 25 How long does it take before you receive</p>
<p style="text-align: right;">Page 18</p> <p>1 prosthetic valve endocarditis, what type of 2 orders are you going to write for the blood 3 cultures? You have to give some direction as to 4 how many you want and how often, how much time 5 there should be between each culture. Is there 6 any type of procedure that's followed for that? 7 A. What I do is I would order four blood 8 cultures on the first day, and then two 12 hours 9 later. And then I might order a third set the 10 following day around 12 hours after the first. 11 But, again, those times are not absolute. 12 Q. Now, you also mentioned that you draw 13 blood chemistries on the patient. Would there be 14 anything in particular that you would be looking 15 for in the blood chemistries that would assist 16 you in making the diagnosis of endocarditis? 17 A. Sometimes look for kidney dysfunction, 18 which can be a sign of endocarditis. 19 Q. So you would be looking for the 20 portion of the blood chemistry that would reflect 21 the kidney function; correct? 22 A. Yes. 23 Q. And what would you be looking at? The 24 erythrocyte sedimentation; right? 25 A. Elevation.</p>	<p style="text-align: right;">Page 20</p> <p>1 results? 2 A. It varies widely. It can be a matter 3 of hours to several days. 4 Q. So they will continue to grow the 5 culture. Is there a point when they cut it off 6 and they say it's not going to grow anything 7 anymore? 8 A. Again, that varies per institution, 9 but usually at five to seven days, they will say 10 it's negative. 11 Q. And if it grows something before that, 12 you'll get a report back earlier than the five to 13 seven days; correct? 14 A. Yes. 15 Q. Now, doctor, once initial blood 16 cultures are drawn and there's a reasonable 17 suspicion for prosthetic valve endocarditis, when 18 should antibiotics be started? 19 A. Again, that depends. If there are 20 multiple positive blood cultures, then 21 antibiotics should be started immediately. If 22 the patient is unstable, sometimes we'll start 23 antibiotics before we get that full set of blood 24 cultures together, but we try to at least have 25 some blood cultures on the board before we make</p>

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1 the move to antibiotics, if the patient is
2 stable.
3 Q. Would you agree that all the necessary
4 blood cultures should be obtained and then
5 antibiotics should be started?
6 A. Yes, except when the patient is
7 unstable, in which case you start immediately.
8 Q. So in those instances, it would be
9 appropriate to start the antibiotics before
10 there's confirmation of positive blood cultures;
11 correct?
12 A. Yes.
13 Q. Is it accepted practice to start
14 antibiotics and then stop them to take more blood
15 cultures and then restart the antibiotics?
16 MR. SKIVER: Under what
17 circumstances?
18 MS. TOSTI: Under any circumstances
19 with a patient that has prosthetic valve
20 endocarditis.
21 Is that reasonable?
22 MR. SKIVER: If it's diagnosed he has
23 endocarditis?
24 MS. TOSTI: Well, the doctor said that
25 definitively you need positive blood cultures --

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1 A. There are no standards for that.
2 Q. How long would you expect an
3 antibiotic to continue to influence the results
4 of a blood culture in a patient?
5 A. That varies quite widely, depending on
6 the level of bacteremia in the patient and the
7 susceptibility of the organism. So it may not --
8 a dose or two of antibiotics may not affect the
9 blood cultures at all, or may render them sterile
10 for several days.
11 Q. Does starting and stopping antibiotics
12 in a patient with prosthetic valve endocarditis
13 have any effect on the virulence of the
14 organism?
15 A. With a brief stoppage, it should not.
16 Q. And what do you consider to be a brief
17 stoppage?
18 A. Hours to days, but, really, what
19 encourages resistance, if that's what you're
20 talking about, would be multiple stops and
21 starts.
22 Q. Doctor, isn't it true that some
23 patients with bacterial endocarditis never have
24 positive blood cultures?
25 A. That's true.

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1 let me rephrase it.
2 Q. If there's a presumptive diagnosis of
3 prosthetic valve endocarditis, is it accepted
4 practice to start antibiotics, stop them to take
5 additional blood cultures, and then restart the
6 antibiotics?
7 A. If the patient is clinically stable
8 and there have been a very small number of doses
9 of antibiotics given, in an attempt to maximize
10 your ability to recover the organism, which is
11 very important in treating, it is sometimes
12 reasonable to stop the antibiotics briefly,
13 collect more blood cultures, and then restart.
14 Q. If a patient has prosthetic valve
15 endocarditis and receives IV doses of antibiotics
16 an hour or two before the blood cultures are
17 drawn, can that cause the blood culture to be
18 falsely negative?
19 A. It can.
20 Q. Is there a usual period of time after
21 which the antibiotic is unlikely to produce an
22 effect on the blood culture results, a certain
23 amount of time you should wait after an
24 antibiotic dose has been given before you attempt
25 to do a blood culture?

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1 Q. Is that also true of some patients
2 with prosthetic valve bacterial endocarditis?
3 A. That is true.
4 Q. If there's a presumptive diagnosis of
5 bacterial endocarditis and initial blood cultures
6 have been drawn, what would be the typical
7 antibiotic regimen that would be instituted
8 before blood culture results come back? What
9 antibiotics would we use?
10 A. It would very much depend on the
11 clinical suspicion for the organism. Typically
12 an indolent course, it could -- it's almost
13 always a combination of antibiotics. But
14 vancomycin, gentamicin are very typically used.
15 Q. Now, if an infected prosthetic valve
16 is known to be incompetent because of
17 endocarditis, is there a duration of time that
18 the patient should be on antibiotics before
19 they're taken to surgery?
20 A. That is individualized on a per
21 patient basis. It depends on the patient's
22 clinical status.
23 Q. What things would you be looking at to
24 make that judgment before you would say that the
25 antibiotic treatment was sufficient prior to

6 (Pages 21 to 24)

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1 surgery?
2 A. It would be -- again, it would vary
3 widely. Often patients go to surgery with
4 positive blood cultures; sometimes they go with
5 negative blood cultures. So it's really not a
6 standard according to whether the blood cultures
7 are positive or negative.
8 Q. But from your perspective as an
9 infectious disease physician treating a patient,
10 is there a period of time you like to have the
11 patient on antibiotics before surgery? And I
12 understand the surgical decision is not
13 necessarily in your hands, but is there a period
14 of time that you feel the patient should be on
15 antibiotics before they go to surgery? And if
16 there isn't, that's fine; just tell me that.
17 A. Again, it varies according to the
18 patient. If I think the patient is unstable when
19 I see the patient, then the surgery should be
20 immediate. If I think the patient is stable,
21 then we would -- it's not uncommon at all for us
22 to give several days of antibiotics before going
23 just to try and minimize the amount of infection
24 residual at the time of the surgery.
25 Q. Is the prognosis for prosthetic valve

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1 surgeon.
2 Q. Did you make recommendations ever to
3 the surgeon in regard to this patient should go
4 have that valve done as soon as possible?
5 A. We make recommendations from the
6 infectious disease point of view that mainly
7 indicate that we think this is surgical -- a
8 surgical issue where we think the valve needs to
9 be replaced, whenever the surgeon thinks it's a
10 stable situation to do that.
11 Q. What would be the indicators for you
12 to make a recommendation like that to a surgeon?
13 What do you look for in a patient's condition
14 that would tell you to make a recommendation like
15 that to the surgeon?
16 A. If a patient has multiple embolic
17 phenomenon, if a patient has uncontrolled
18 sepsis -- and by that I mean low blood pressure
19 and heart failure -- if a patient has
20 uncontrolled bloodstream infection, but that's
21 usually something that's made over several days.
22 Q. Now, do you have an independent
23 recollection of Gregory Colvin? Do you remember
24 him?
25 A. I don't remember very much, honestly.

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1 endocarditis better when the infection is treated
2 longer with antibiotics to the point of negative
3 blood cultures?
4 A. Again, I think that varies according
5 to the patient. I think if you have a stable
6 patient, it is preferable to have negative blood
7 cultures, although there is not a tremendous
8 amount of data to back that up.
9 Q. Doctor, would you agree that there has
10 to be a high index of suspicion for bacterial
11 endocarditis when a prosthetic valve patient
12 presents with persistent fever of unknown origin,
13 fatigue and night sweats?
14 A. Those can be signs of endocarditis and
15 would require investigation.
16 Q. It would raise a red flag, or should
17 raise a red flag, in the mind of a physician
18 treating a patient with a known prosthetic valve;
19 correct?
20 A. It would certainly raise the suspicion
21 of an infectious disease doctor.
22 Q. Doctor, as an infectious disease
23 physician, do you make recommendations as to the
24 timing for the replacement of an infected valve?
25 A. Those decisions usually fall to the

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1 Q. Do you remember anything in regard to
2 the care that you provided to Gregory Colvin?
3 A. I remember independently, without the
4 chart, I remember his condition after he had a
5 change in his status on the 16th.
6 Q. Doctor, feel free to look at the
7 chart. I'm going to ask you some questions in
8 regard to your care, and it may be helpful to you
9 to reference back to that.
10 When is the first time that Gregory
11 Colvin came under your care?
12 A. On the 13th of May 1998.
13 Q. And how is it that you came to see him
14 on that particular day?
15 A. We were asked to consult on his care.
16 Q. Who requested the consult?
17 MR. SKIVER: If you don't know,
18 doctor, that's fine.
19 A. I can't find an order written, so I'm
20 not certain.
21 Q. At the time of the consultation, do
22 you know what information you were given in
23 regard to Gregory Colvin? And I'm not speaking
24 of your own assessment: I'm speaking of any
25 information you were given at the time of the

7 (Pages 25 to 28)

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1 consult.
2 A. I don't know.
3 Q. Now, did you see Gregory Colvin then
4 on the 13th and do your own assessment of the
5 patient?
6 A. I did.
7 Q. And at the time that you saw him, was
8 there anyone else in attendance with you?
9 A. Infectious disease fellow.
10 Q. Did you see Gregory Colvin with the
11 infectious disease fellow on the 13th?
12 A. The infectious disease fellow saw
13 Gregory Colvin, and then I came after with the
14 fellow and assessed Mr. Colvin.
15 Q. Do you recall what time you saw him on
16 the 13th? Was it morning or afternoon?
17 A. I do not independently recall.
18 Q. Could it have been either morning or
19 afternoon in this case?
20 A. Likely afternoon.
21 Q. Based on your schedule?
22 A. Based on my schedule, afternoon to
23 evening.
24 Q. Now, there is a clinical note that I
25 believe is written by the infectious disease

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1 fellow on the 13th. And it begins ID fellow,
2 51-year-old black male electrician, home
3 Cleveland.
4 Is that a note that you read through
5 and confirmed with the infectious disease
6 fellow?
7 A. Yes.
8 Q. Who was the fellow that wrote that
9 note?
10 A. Dr. Gumbo.
11 Q. Is Dr. Gumbo still at the Cleveland
12 Clinic?
13 A. No, he is not.
14 Q. What is Dr. Gumbo's first name?
15 A. Tawanda.
16 Q. Now, at the time that you saw Gregory
17 Colvin, did you review any of his past medical
18 records that he had?
19 A. We reviewed records from the previous
20 admission in February.
21 Q. Now, there is some underlining that is
22 done in the infectious disease fellow's note of
23 5-13-98. Did you do that underlining?
24 A. Yes, I did.
25 Q. As you reviewed the note, is that one

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1 of the ways that you confirmed the findings, by
2 putting an underline in?
3 A. Yes.
4 Q. Does that underlining have any other
5 significance?
6 A. A teaching mechanism also.
7 Q. And what is it that you're trying to
8 convey by underlining certain things in the
9 notes?
10 A. That we reviewed it together and that
11 I confirmed his findings.
12 Q. Now, in about the middle of that page
13 of the note, it refers to a 2-24 TEE, I believe.
14 And it says a questionable small echo density
15 anterior commissure, mitral valve versus suture
16 material. Do you see that?
17 A. Yes.
18 Q. What's the significance of that
19 finding?
20 A. Unknown.
21 Q. I didn't hear you.
22 A. I don't know what the significance of
23 that finding is.
24 Q. That's something that you underlined
25 and you also reviewed with the infectious disease

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1 doctor?
2 A. Yes.
3 Q. Did you consider it significant to
4 Gregory Colvin's present condition on his
5 admission?
6 A. I noted it.
7 Q. In Mr. Colvin's case, is it likely
8 that that echo density seen on the February 24th
9 TEE was an early indication of prosthetic valve
10 endocarditis?
11 MR. SKIVER: Objection.
12 MS. KINKOPF-ZAJAC: Objection.
13 A. I don't know.
14 Q. Now, that note also reads, I believe,
15 patient subsequently had a right IJ stitch
16 abscess diagnosed, and it says no culture, I
17 think, discharge 2-27-98, temperature max 38.2.
18 Do you see that part?
19 A. I do see that.
20 Q. In Gregory Colvin's case, what was the
21 significance of the stitch abscess?
22 A. I don't know.
23 Q. Obviously, at the time that you spoke
24 with the infectious disease fellow, he included
25 in his note, you confirmed his findings, and

8 (Pages 29 to 32)

<p style="text-align: right;">Page 33</p> <p>1 there must have been a reason for why it was 2 included in this particular clinical note. Can 3 you tell me what that reason is? 4 A. Just to note the clinical course. 5 Q. You didn't think it had any particular 6 significance to the diagnosis of presumptive 7 endocarditis that he was admitted for at this 8 admission? 9 A. We were uncertain as to its 10 significance. 11 Q. Would you agree that, in Gregory 12 Colvin's case, an abscess in his neck that was 13 emitting several cc's of pus over the course of 14 at least two days was a risk factor for infection 15 of his prosthetic valve? 16 A. It's a risk factor, but there were 17 several negative blood cultures at that point 18 which made it less likely. 19 Q. Which blood cultures are you referring 20 to? 21 A. I believe he had some blood cultures 22 drawn at the time of the stitch abscess. 23 Q. During the February admission then, he 24 had those blood cultures? 25 A. Yes.</p>	<p style="text-align: right;">Page 35</p> <p>1 should have been cultured? 2 A. I wasn't caring for him at that time, 3 so I can't say. 4 Q. Doctor, as an infectious disease 5 physician, in a patient with a prosthetic valve 6 that has an abscess in his neck draining purulent 7 fluid and a fever of unknown origin, wouldn't you 8 agree that that should have been cultured? 9 MR. SKIVER: Objection. Asked and 10 answered. Go ahead, doctor. 11 A. Again, I did not see Mr. Colvin at 12 that time. If there were a very small 13 superficial amount, I would not necessarily 14 culture. If there was a lot of pus, not 15 responding to therapy, I might. 16 Q. I want you to assume that he had 17 purulent material on two successive days of about 18 two cc's. Would that be a sufficient amount to 19 culture in his case with his history? 20 MR. SKIVER: Sufficient amount to 21 culture? Does that mean to require culture or -- 22 Q. To require culture based on what you 23 just told me. 24 A. I might have cultured, but I would 25 have to see it. I would have to see him.</p>
<p style="text-align: right;">Page 34</p> <p>1 Q. Do you know whether or not all of 2 those blood cultures were done before antibiotic 3 therapy was started, doctor? 4 A. I don't know. 5 Q. Would that make a difference as to 6 whether that abscess in his neck was significant 7 if several of those cultures were drawn after 8 antibiotic therapy was started? 9 A. Antibiotic therapy can make blood 10 cultures negative. 11 Q. Doctor, in Mr. Colvin's case, is it 12 likely that his stitch abscess was the original 13 source of infection that caused his prosthetic 14 valve endocarditis? 15 A. I don't know. 16 Q. You can't rule it out as a cause, 17 though; correct? 18 A. No. 19 Q. Now, doctor, in the infectious disease 20 doctor's note, I believe it also, about 21 two-thirds of the way down the page, it says no 22 culture, and that's underlined. He was admitted 23 in February with a fever of unknown origin, he 24 had an obvious abscess draining purulent material 25 in his neck. Would you agree that that site</p>	<p style="text-align: right;">Page 36</p> <p>1 Q. Do you have an opinion as to whether 2 prosthetic valve endocarditis was ruled out 3 during his February admission at the Cleveland 4 Clinic? 5 MR. SKIVER: Objection. I think he 6 indicated he hasn't gone through those records in 7 detail. I don't know how he can answer that. Go 8 ahead, doctor. 9 A. I didn't see him, so I can't say 10 whether it was ruled out. 11 Q. Well, doctor, at the time that you 12 were speaking with the infectious disease fellow, 13 you said you did have access to the February 14 records, and so my question is: Based on your 15 review of the records and anything else that you 16 recall -- 17 A. I don't think it's completely 18 excluded. 19 Q. --would you agree that, given Mr. 20 Colvin's presentation at that time, fever of 21 unknown origin, stitch abscess in his neck, echo 22 density on his echocardiogram, that he should 23 have been followed after discharge in 24 February -- 25 MS. KINKOPF-ZAJAC: Objection.</p>

<p style="text-align: right;">Page 37</p> <p>1 Q. -- specifically for prosthetic valve 2 endocarditis? 3 MS. KINKOPF-ZAJAC: Objection. 4 MR. POLITO: Objection. 5 MR. SKIVER: Objection. Go ahead, 6 doctor, if you know. 7 A. No. I did not see Mr. Colvin at that 8 time. It's impossible for me to comment on his 9 care at that point. 10 Q. On the second page of the infectious 11 disease fellow's note, about halfway down under 12 the section of the physical exam for the head, 13 ear, eyes, nose and throat, I believe it says 14 that there was a positive right-sided cervical 15 lymph node. Do you see that? 16 A. I do see it. 17 Q. Now, you did a physical exam on him, 18 and you have confirmed that finding by 19 underlining it with the infectious disease 20 fellow; correct? 21 A. Yes. 22 Q. Did you attach any significance to the 23 fact that he had an enlarged cervical lymph node 24 on the right side? 25 A. It was noted, but that's of unclear</p>	<p style="text-align: right;">Page 39</p> <p>1 lymph nodes can be enlarged at or near an area of 2 infection. 3 Q. And would that be of greater concern 4 than if there is no lymph node enlargement in the 5 presence of infection? As an infectious disease 6 doctor, if you see a localized infection in one 7 patient and a localized infection with enlarged 8 lymph nodes in another, is there any increased 9 significance attached to the one that has the 10 lymph node enlargement? 11 A. Not necessarily. 12 Q. In Gregory Colvin's case, do you think 13 that the enlarged lymph node that he had on the 14 right side had any relationship to the stitch 15 abscess that he had on the right side of his 16 neck? 17 MR. SKIVER: At what point in time? 18 We've got a three-month difference here. There's 19 no evidence of a stitch abscess at this point in 20 time. 21 MS. TOSTI: At this point in time, 22 he's referenced it in the note, so I'm asking. 23 MR. SKIVER: That's a history. I'm 24 sorry, go ahead. 25 A. I don't know.</p>
<p style="text-align: right;">Page 38</p> <p>1 significance. Lymph nodes can be swollen for a 2 variety of reasons. 3 Q. That was on the same side that he had 4 the stitch abscess; correct? I believe on the 5 first page of the infectious disease fellow's 6 note, he indicates it was a right IJ stitch 7 abscess. 8 A. Yes. I don't have the record from 9 there, but yes. I have the record from the 10 infectious disease fellow's note, but, yes, 11 that's on the same side that's noted here. 12 Right. 13 Q. Is there a relationship between lymph 14 node enlargement and infection? 15 A. Not always. 16 Q. Can there be a relationship between 17 lymph node enlargement and infection? 18 A. Sure. 19 Q. And what causes a lymph node to 20 enlarge in the presence of infection? 21 A. Immune response to infection. 22 Q. Does it have anything to do with where 23 the infection is in regard to the bacteria 24 traveling from the localized area? 25 A. In the presence of infection, the</p>	<p style="text-align: right;">Page 40</p> <p>1 Q. Now, after you had an opportunity to 2 see Gregory Colvin on the 13th, you concurred 3 with the clinical impressions that Gregory Colvin 4 had prosthetic valve endocarditis clinically; 5 correct? 6 A. Yes. 7 Q. And were the items that you underlined 8 in the infectious disease fellow's note what you 9 deemed to support the diagnosis of prosthetic 10 valve endocarditis? 11 MR. SKIVER: Which things underlined? 12 Are you talking about all of them? 13 MS. TOSTI: Yes. 14 A. Some of them supported the diagnosis 15 of prosthetic valve endocarditis. 16 Q. Would you tell me which ones that you 17 underlined did not. 18 A. Did not -- 19 Q. Yes. 20 A. -- support the diagnosis of prosthetic 21 valve endocarditis? 22 Q. Yes. 23 A. On the physical examination? 24 Q. On any part of the infectious disease 25 fellow's note that you have put underlines in.</p>

<p style="text-align: right;">Page 41</p> <p>1 A. Well, I've underlined 51-year-old 2 black male. It doesn't have any special 3 significance. I've underlined admitted 10-97 4 with CHF. That doesn't necessarily support it. 5 I've underlined the part about the 2-24-98 TEE 6 with a small echo density versus suture 7 material. That doesn't necessarily support it. 8 I've underlined right IJ stitch abscess 9 diagnosed, no cultures, discharged 2-27, T max 10 38.2. That doesn't necessarily support it. 11 Three weeks ago, he had cardioversion for a-fib. 12 That doesn't necessarily support it. 13 Four days later, back in a-fib, but 14 that doesn't necessarily support it. Underlined 15 no cough, no chest pain, no dysuria, no diarrhea, 16 no joint pains. That doesn't necessarily support 17 it. I've underlined right-sided cervical lymph 18 node. That doesn't necessarily support it. I 19 have underlined no splenomegaly, no 20 hepatomegaly. That doesn't necessarily support 21 it. I've Underlined the neurologic exam. That 22 doesn't necessarily support it. I've underlined 23 musculoskeletal exam; that doesn't necessarily 24 support it. 25 I think that the rest of it all refers</p>	<p style="text-align: right;">Page 43</p> <p>1 intensity, et cetera? 2 A. I'm looking at the blue night float 3 senior's note from the 12th, which was one day 4 before I saw him, and there was a murmur referred 5 to. And it's approximately the same intensity. 6 It's noted to be grade three by the senior, and 7 Dr. Gumbo and I thought it was likely grade two. 8 So it was about the same. 9 MR. SKIVER: Doctor, the question is: 10 Do you know if there is a change. I don't want 11 you to be guessing or anything else. Do you know 12 if there is a change. 13 A. Oh, no. 14 Q. In the infectious disease fellow's 15 note also, there's a notation that the 16 erythrocyte sedimentation rate is 61. What is 17 the normal reference range for the erythrocyte 18 sedimentation rate? 19 A. It should be around 20 or less. 20 Q. In Mr. Colvin's case, what was the 21 significance of that elevated erythrocyte 22 sedimentation rate? 23 A. Likely represented endocarditis. 24 Q. Now, the last line of the infectious 25 disease fellow's note on May 13th, I believe it</p>
<p style="text-align: right;">Page 42</p> <p>1 to the endocarditis. 2 Q. So I want to be clear, doctor. In 3 regard to the echo density that was seen on the 4 2-24 echo and the stitch abscess that there was 5 no culture done on and the right-sided cervical 6 lymph node that you found on physical exam, those 7 three things, did you attach any significance to 8 them in regard to your diagnosis of prosthetic 9 valve endocarditis? 10 A. I considered them to be possibly 11 related, but not by any means definitively. 12 Q. Now, under the physical exam on the 13 cardiovascular system, you concurred with the 14 findings regarding a heart murmur; is that 15 correct? 16 A. Yes. There was a heart murmur. 17 Q. Was the murmur you heard of any 18 significance as it relates to your impressions of 19 clinical prosthetic valve endocarditis? 20 A. He had a murmur in the mitral area, 21 and I thought that was a possible sign of 22 endocarditis, yes. 23 Q. Do you know whether this particular 24 murmur had changed at all from any previous 25 findings, whether it had a different character,</p>	<p style="text-align: right;">Page 44</p> <p>1 says, is there a right IJ clot. It's on the -- 2 A. I see it. 3 Q. What was the basis for that query? 4 You have underlined that. 5 A. I don't recall specifically. 6 Q. Do you recall what evidence there was 7 that would raise that as a question, what the 8 findings, the clinical findings, were that would 9 cause the fellow and you to confirm what the 10 fellow said about an IJ clot? 11 MR. SKIVER: If you know, doctor. 12 Don't guess. 13 A. I don't recall specifically. 14 Q. Would that have any relationship to 15 endocarditis? 16 A. If infected, it could. 17 Q. Pardon me? I didn't hear what you 18 said. 19 A. Yes. If there were an infected clot, 20 it could. 21 Q. Is there any way to make a 22 determination whether there was a clot there or 23 not, any type of a diagnostic study or further 24 examination that would tell you one way or the 25 other?</p>

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1 A. Diagnostic study for a clot would be
2 an ultrasound.
3 Q. And was an ultrasound done in this
4 case?
5 A. I can't find evidence of one.
6 Q. If in fact he had an infected clot,
7 how would that be treated?
8 A. Typically with antibiotics.
9 Q. So would it have been the same
10 treatment as it would have been for the
11 endocarditis?
12 A. Yes.
13 Q. So there wouldn't be anything
14 different even if you knew that was there?
15 A. No.
16 Q. Now, doctor, did you also write your
17 own note on the 13th for this patient?
18 A. Yes.
19 Q. And at the end of the note that you
20 wrote, would you tell us what your plan of care
21 was for the patient. If you could just read
22 through what you have written there.
23 A. Temporarily hold antibiotics. Collect
24 blood cultures this p.m. and tomorrow a.m.
25 Hopefully first set will be positive. Open heart

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1 A. It raised concern, but he appeared
2 stable when I saw him.
3 Q. But that could change very suddenly in
4 these types of patients; correct, when you have
5 got rocking and dehiscence of a valve caused by
6 infection?
7 A. It can, but often patients have that
8 kind of finding, and it goes unchanged for
9 several days.
10 Q. Now, doctor, you indicated in your
11 note that you wanted the antibiotics temporarily
12 held; correct?
13 A. Yes.
14 Q. Why weren't the necessary cultures
15 drawn before starting the antibiotics?
16 A. I wasn't caring for Mr. Colvin at that
17 point.
18 Q. I understand that, doctor, but I'm
19 asking you if you know why the necessary blood
20 cultures were not drawn before the antibiotics
21 were initiated.
22 A. I do not know.
23 Q. Would you agree that they should have
24 been all drawn before antibiotics were
25 initiated?

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1 surgery ASAP. Discuss with Dr. Miller
2 cardiology; cardiothoracic, Pat Ginley.
3 Q. Who is Pat Ginley?
4 A. He is one of doctor -- one of the
5 cardiothoracic surgical assistants.
6 Q. And what was the basis for your
7 opinion that Gregory Colvin needed open heart
8 surgery as soon as possible?
9 A. The concern that he had valvular
10 leakage.
11 Q. And were you concerned that he could
12 have sudden cardiac collapse?
13 A. At the first assessment, I was not
14 concerned that he was about to have sudden
15 cardiac collapse.
16 Q. Well, doctor, at the time that you
17 wrote this note, you had seen the echocardiogram
18 on him; correct?
19 A. Yes.
20 Q. And you saw that he had rocking and
21 dehiscence of his prosthetic valve; correct?
22 A. Yes.
23 Q. Did that raise a concern in your mind
24 that he could suddenly decompensate because of
25 the extent of his infection?

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1 MS. KINKOPF-ZAJAC: Objection.
2 A. I did not see Mr. Colvin at the time
3 of his admission, so it's difficult for me to
4 answer that.
5 Q. Well, doctor, didn't you think that
6 there was some type of an error made here when
7 they started the antibiotics without doing
8 sufficient cultures?
9 MR. SKIVER: Objection.
10 MS. KINKOPF-ZAJAC: Objection.
11 MR. SKIVER: Go ahead, doctor.
12 MR. POLITO: Jeanne, just to be fair
13 to the doctor, I thought he said in his note we
14 now have two blood cultures off antibiotics.
15 A. There were two blood cultures off of
16 antibiotics. I thought that we would be better
17 at that point with more blood cultures to improve
18 our yield, potential yield, for acquiring the
19 microorganism. But that was based on my findings
20 when I saw him.
21 Q. Now, your note indicates discuss with
22 Dr. Miller; correct?
23 A. Yes.
24 Q. Does that indicate that you discussed
25 it with him or you were intending to discuss it

12 (Pages 45 to 48)

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1 with him?
2 A. I do not specifically remember the
3 conversation. Ordinarily, it means that I've
4 discussed it with him.
5 Q. Do you remember anything that was
6 transmitted between you and Dr. Miller in regard
7 to what you have noted here?
8 A. I do not remember.
9 Q. It also notes a reference to Pat
10 Ginley that you said was a surgical assistant in
11 cardiothoracic.
12 A. Yes.
13 Q. Did you have conversation with Pat
14 Ginley?
15 A. I do not recall the conversation, but
16 I've noted here that I spoke with him. That's
17 all. I do not remember the substance of
18 conversation.
19 Q. What would be the reason that you
20 would be contacting Pat Ginley?
21 A. It would be because I felt that the
22 patient would require surgery at some point.
23 Q. Would Pat Ginley have any
24 responsibilities for scheduling the surgery?
25 A. He would have responsibility for

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1 transmitting information back to the surgeon, and
2 then the surgeon would make the decision about
3 when the surgery would take place.
4 Q. Was any plan at that time discussed
5 regarding when Gregory Colvin would actually go
6 to surgery?
7 MR. SKIVER: Objection. He's already
8 indicated he doesn't recall the conversations.
9 A. I don't remember the conversation.
10 Q. Well, when you saw him on the 13th,
11 did you have, in your mind, when you thought this
12 patient should go to surgery?
13 A. I thought that he should go when it
14 was felt by cardiology and cardiothoracic surgery
15 that he was stable to go.
16 Q. Now, Gregory Colvin was seen at
17 Cleveland Clinic's ER on the 10th of May, just
18 three days before his admission when you saw him
19 with an elevated temperature, shortness of
20 breath, night sweats, increased erythrocyte
21 sedimentation rate to 58, anemia. Would you
22 agree that those were indicators of prosthetic
23 valve endocarditis?
24 MR. POLITO: Objection.
25 MS. KINKOPF-ZAJAC: Objection,

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1 MR. SKIVER: Objection. Go ahead,
2 doctor.
3 A. I didn't see Mr. Colvin at that time.
4 Q. Isn't it likely he had prosthetic
5 valve endocarditis on the 10th--
6 MS. KINKOPF-ZAJAC: Objection.
7 MR. SKIVER: Objection.
8 MR. POLITO: Objection.
9 Q. --when he went into the emergency
10 room?
11 A. I didn't see Mr. Colvin on the 10th.
12 Q. Do you think he developed it in the
13 three days before you saw him? Is that likely?
14 A. I didn't see Mr. Colvin on the 10th.
15 I think that endocarditis usually exists for
16 several days before it's diagnosed.
17 Q. You think it was appropriate to
18 discharge him to home from the emergency room on
19 the 10th?
20 MR. POLITO: Objection.
21 MS. KINKOPF-ZAJAC: Objection.
22 MR. SKIVER: Objection.
23 A. I didn't see him. I can't say.
24 Q. Doctor, at the Cleveland Clinic, if
25 you have a high level of concern that a patient

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1 has prosthetic valve endocarditis, could you get
2 a transesophageal echo done on the same day if
3 you felt it was indicated?
4 A. We can.
5 Q. And is it easier to get that done if
6 the patient is an inpatient than if it's an
7 outpatient, a little easier if the patient is
8 hospitalized in the hospital to get a
9 transesophageal done than if it's an outpatient?
10 A. I don't know.
11 Q. Do you have an opinion as to, if a
12 transesophageal or transthoracic echo was done on
13 May 10th, whether it would have shown indications
14 of prosthetic valve endocarditis?
15 MR. SKIVER: Objection. Go ahead,
16 doctor.
17 MS. KINKOPF-ZAJAC: Object.
18 A. I didn't see him on the 10th. I can't
19 say.
20 Q. Well, doctor, you saw him on the 13th,
21 and you also saw his echocardiogram from that
22 date. If an echo had been done on the 10th, do
23 you think it would have shown any indication of
24 prosthetic valve endocarditis?
25 MR. SKIVER: Objection,

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1 MS. KINKOPF-ZAJAC: Objection.
2 MR. SKIVER: Go ahead, doctor.
3 A. I didn't see him on the 10th.
4 Q. My question was in relation to what
5 you saw on the 13th and the extent of his
6 infection. Is it likely, if an echo was done
7 three days before, there would have been evidence
8 of infection at that time that would have been
9 seen on echo?
10 MR. POLITO: Objection.
11 MR. SKIVER: Objection.
12 MS. KINKOPF-ZAJAC: Objection.
13 A. It's possible. It's possible.
14 Q. Now, you also saw Mr. Colvin on the
15 14th; is that correct?
16 A. Yes.
17 Q. And you then wrote your own note;
18 correct?
19 A. Yes.
20 Q. And there was also an infectious
21 disease fellow note written that day that --
22 A. Yes.
23 Q. Did you review that one?
24 A. Yes.
25 Q. And also confirm it with them?

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1 A. Yes.
2 Q. And in regard to his condition on the
3 14th, was there any change in your assessment
4 from what you had seen on the previous day?
5 MR. SKIVER: Let her finish her
6 question up there.
7 A. No change.
8 Q. Was there any change in your plan of
9 care for Mr. Colvin based on your assessment of
10 the 14th?
11 A. We had restarted antibiotics and that
12 had no change in the plan.
13 Q. And then you again saw him on the 15th
14 of May; correct?
15 A. Yes.
16 Q. Do you know what time you saw him:
17 morning or afternoon that day?
18 A. I don't know.
19 Q. And based on your schedule, is there a
20 likely time, whether it would have been morning
21 or afternoon?
22 A. It could have been either.
23 Q. Let me ask you this: Did you confirm
24 the notes of the infectious disease consult
25 written at 8:10 in the morning on the 15th?

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1 A. Yes.
2 Q. And is that also another fellow's
3 note?
4 A. It's a resident.
5 Q. A resident's note.
6 A. Yes.
7 Q. Do you know what resident that is?
8 A. Dr. Koepke.
9 Q. Is that your underlining in his note?
10 A. Yes.
11 Q. Now, when you saw him on the 15th, did
12 your assessment of him change from your previous
13 assessments?
14 A. I have written that I thought he had
15 more signs of heart failure.
16 Q. You wrote that he had worsened heart
17 failure; correct?
18 A. Yes.
19 Q. Was it your impression that Gregory
20 Colvin was moving towards cardiac collapse?
21 A. I don't recall whether I thought he
22 was moving toward cardiac collapse.
23 Q. Doctor, at the end of your note on May
24 15th, 1998, you wrote OR as soon as possible, and
25 you have it underlined.

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1 A. Yes.
2 Q. Why do you have that underlined?
3 A. Because I felt that he should go to
4 the operating room as soon as he was stable
5 enough based on the surgeon's assessment.
6 Q. In your opinion, did Gregory Colvin
7 need urgent surgery when you saw him on the
8 15th?
9 A. I felt that he needed surgery soon,
10 but, again, that assessment is made by the
11 surgeon, not by me.
12 Q. Well, the time that he goes to
13 surgery, but, in your opinion, did you feel that
14 he needed urgent surgery based on your assessment
15 of this patient?
16 A. I can't recall whether I felt he
17 needed urgent surgery at that point.
18 Q. Did you speak to Dr. Kruithoff or Dr.
19 Miller on May 15th, 1998 about Gregory Colvin?
20 A. I don't recall.
21 Q. Are you aware of any plans to schedule
22 him for surgery on Friday, May 15th of 98?
23 A. I have not noted any.
24 Q. Do you have a recollection or anything
25 that you reviewed in the records?

14 (Pages 53 to 56)

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1 A. No, I don't.
2 Q. I was going to ask a different
3 question.
4 A. I'm sorry.
5 Q. Do you have a recollection, or from
6 anything you reviewed in the record, speaking
7 with any other physicians about Gregory Colvin's
8 condition, other than the residents that you
9 evaluated the patient with?
10 A. I don't remember.
11 Q. Was there any reason, to your
12 knowledge, that prevented Gregory Colvin from
13 going to surgery for valve replacement on May
14 15th, 1998?
15 A. From an infectious disease point of
16 view, there was nothing holding him back, but,
17 again, that's a decision made by the surgeon as
18 to when the patient is taken.
19 Q. And you're not aware of anything else
20 that would have prevented him from going to
21 surgery on Friday; correct? I'm just asking for
22 what you have knowledge of, doctor. You're not
23 aware of anything that would have prevented him
24 from going to surgery on Friday, May 15th of 98;
25 correct?

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1 MR. SKIVER: You're asking from an
2 infectious disease standpoint?
3 MS. TOSTI: I'm asking him knowledge
4 from any base.
5 MR. SKIVER: Doctor, if you feel you
6 can give any other information, go ahead.
7 Q. Do you have any knowledge of anything
8 that was preventing him from going to surgery on
9 May 15th, 1998?
10 A. From an infectious disease point of
11 view, no.
12 Q. Do you have any knowledge from any
13 other source of any other reason why he couldn't
14 go to surgery on May 15th of 1998? I'm not
15 asking you to review the whole record. I'm
16 asking if you have any knowledge.
17 A. I don't remember having any
18 conversation -- any conversations I had with any
19 of the other physicians as to why not.
20 Q. Not to your knowledge then?
21 A. Not to my knowledge.
22 Q. When you saw Gregory Colvin on May
23 15th of 98, in your opinion, was he
24 hemodynamically unstable?
25 MR. POLITO: Objection. Did you say

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1 unstable or stable?
2 MS. TOSTI: Unstable.
3 A. I felt that he had worsened heart
4 failure.
5 Q. Was he hemodynamically unstable?
6 A. I had not noted his blood pressure at
7 the time that I saw him, so I will have to say I
8 don't remember.
9 Q. Do you have any recollection of
10 speaking to Gregory Colvin or his family about
11 his condition while he was a patient during this
12 admission?
13 A. I don't have any recollection of the
14 conversation.
15 Q. You don't recall speaking to his
16 family at any time?
17 A. I recall speaking to his family in
18 hospital quarters after he had a clinical
19 downturn on the 16th.
20 Q. We'll get to that in a minute.
21 There is a clinical note written on
22 the 16th at, I believe, 0630 hours. Is that your
23 clinical note, or one that you confirmed?
24 A. This is my clinical note.
25 Q. And you saw the patient early in the

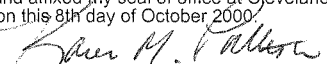
Page 60

1 morning then on the 16th?
2 A. Yes.
3 Q. What was his condition when you saw
4 him at that time?
5 A. I described him as stable but sick.
6 Q. Was his condition any different from
7 what you had seen the previous day on the 15th of
8 May?
9 A. To the best of my recollection, he was
10 not much different than when I had seen him the
11 day before.
12 Q. Now, at the end of your note, you
13 wrote to OR as soon as possible; correct?
14 A. Right.
15 Q. And you had put something similar to
16 that on the previous day as well as on the 13th.
17 A. Yes.
18 Q. What was the plan in regard to taking
19 this patient to surgery?
20 A. The plan was that, when the surgeon
21 felt he was stable to go to surgery, he would go
22 to surgery.
23 Q. Did you have any conversations with
24 the surgical staff? You had indicated that you
25 were going to talk with Pat Ginley. Did you have

15 (Pages 57 to 60)

<p style="text-align: right;">Page 61</p> <p>1 any type of conversations with any of the 2 surgeons as to what the plan was as to when he 3 was actually going to go to surgery? 4 A. I don't recall. 5 Q. So you don't recall whether even on 6 the 16th there was an actual time or date that he 7 was going to go to surgery; correct? 8 A. I don't recall. 9 Q. Now, doctor, there's another clinical 10 note written on the 16th at about 2:40 p.m. Is 11 that also your note? 12 A. Yes. 13 Q. How did you come to write that note? 14 A. I was notified that the patient had 15 had a clinical downturn. 16 Q. Who notified you? 17 A. I believe that it was an infectious 18 disease fellow, but I'm not certain. 19 Q. What were you told in regard to what 20 had occurred with Gregory Colvin? 21 A. That he had had apparently abrupt 22 onset of abdominal pain and then had hemodynamic 23 difficulties and had had extracorporeal membrane 24 oxygenation placed. 25 Q. And did you do an assessment of him</p>	<p style="text-align: right;">Page 63</p> <p>1 Q. When you saw him on the 16th, what was 2 your prognosis for him in the afternoon when you 3 saw him? 4 A. I have not noted my prognosis. I 5 don't remember. 6 Q. You mentioned that you thought that 7 you had a conversation with the family sometime 8 after you saw him on the 16th. Do you recall who 9 it is that you spoke to? 10 A. No, I do not. 11 Q. Do you recall the content of that 12 conversation with the family? 13 A. I recall some of it. I recall 14 discussing that he was very, very ill, and that 15 he would have a very difficult battle. I don't 16 remember much more than that. 17 Q. Do you recall any plans to take him to 18 surgery on the 16th? 19 A. I don't recall. 20 Q. Do you have an opinion as to whether 21 Gregory Colvin should have been taken to open 22 heart surgery prior to the time of his death? 23 A. I think that retrospectively, it -- we 24 obviously think it would have been better if he 25 had gone. But there's certainly no guarantee</p>
<p style="text-align: right;">Page 62</p> <p>1 when you went to see him? 2 A. I did. 3 Q. What were your findings? 4 A. I don't have them noted. I don't have 5 them noted, so I do not recall. 6 Q. Did you have any conversations with 7 any of his physicians after you were asked to see 8 this patient on the 16th? 9 A. I don't recall. It is almost certain 10 that I did. It would be my practice to. 11 Q. Who is it that you would have talked 12 to? 13 A. I would have likely talked to 14 intensive care unit personnel and to 15 cardiothoracic surgery, but I honestly do not 16 recall. 17 Q. And why is it you would have talked to 18 cardiothoracic surgery? 19 A. To discuss the patient's status. 20 Q. Regarding going to surgery? 21 A. Yes. And, in general, what had 22 happened, et cetera. 23 Q. And you don't have any recollection? 24 A. I do not have any recollection of 25 those conversations.</p>	<p style="text-align: right;">Page 64</p> <p>1 that he would have done well with that surgery. 2 Q. Are you aware of any attempts to 3 schedule Gregory Colvin for surgery prior to the 4 time that he died? 5 A. I don't do surgical scheduling. It's 6 up to the surgeons. 7 Q. I'm just asking whether you have any 8 knowledge of anyone that was trying to schedule 9 him for surgery before he died. 10 A. I don't remember, and I haven't noted 11 it. 12 Q. Did you speak with Dr. Kruithoff about 13 Gregory Colvin any time after Gregory Colvin's 14 death? 15 A. I don't recall. 16 Q. Did you speak with Dr. Miller about 17 Gregory Colvin any time after Gregory Colvin's 18 death? 19 A. I don't recall. 20 Q. And the same question in regard to Dr. 21 Craig Saunders. 22 A. I don't recall. 23 Q. Do you have an opinion as to when 24 Gregory Colvin developed his prosthetic valve 25 endocarditis?</p>

Page 65	Page 67
1 A. I don't know.	1 AFFIDAVIT
2 Q. Do you have an opinion as to what	2 I have read the foregoing transcript from
3 point in time his condition was irreversible?	3 page 1 through 66 and note the following
4 A. My feelings were that he was	4 corrections:
5 irreversible on the 17th.	5 PAGE LINE REQUESTED CHANGE
6 Q. If Gregory Colvin had gone to surgery	6
7 for a valve replacement before he suffered the	7
8 cardiac collapse, do you have an opinion as to	8
9 whether he would have likely survived the	9
10 surgery?	10
11 A. I don't know.	11
12 Q. Do you have an opinion as to whether	12
13 earlier treatment with antibiotics and valve	13
14 replacement would have increased his chances for	14
15 survival?	15
16 MR. POLITO: Objection.	16
17 A. I don't know.	17
18 Q. Do you have any criticisms of any of	18 STEVEN K. SCHMITT, M.D.
19 the care that Gregory Colvin received after his	19
20 valve surgery?	20 Subscribed and sworn to before me this
21 A. I don't.	21 _____ day of _____, 2000.
22 Q. And do you have any criticism of	22
23 Gregory Colvin or blame him in any way for the	23 _____
24 complications that he suffered?	24 Notary Public
25 A. No.	25 My commission expires _____.

Page 66	Page 68
1 MS. TOSTI: Doctor, I don't have any	1 CERTIFICATE
2 further questions for you.	2 State of Ohio,)
3 MR. SKIVER: Anybody else? He'll	3) S.S.:
4 review it.	3 County of Cuyahoga.)
5 MS. TOSTI: Thank you for your time.	4
6 (Deposition concluded at 11:55 o'clock p.m.)	5 I, Karen M. Patterson, a Notary Public
7 -----	5 within and for the State of Ohio, duly
8	6 commissioned and qualified, do hereby certify
9	6 that the within named STEVEN K. SCHMITT, M.D. was
10	7 by me first duly sworn to testify to the truth,
11	7 the whole truth and nothing but the truth in the
12	8 cause aforesaid; that the testimony as above set
13	8 forth was by me reduced to stenotypy, afterwards
14	9 transcribed, and that the foregoing is a true and
15	9 correct transcription of the testimony.
16	10
17	11 I do further certify that this deposition
18	11 was taken at the time and place specified and was
19	12 completed without adjournment, that I am not a
20	12 relative or attorney for either party or
21	13 otherwise interested in the event of this action
22	13
23	14 IN WITNESS WHEREOF, I have hereunto set my
24	14 hand and affixed my seal of office at Cleveland,
25	15 Ohio, on this 8th day of October 2000.
	16 
	17 Karen M. Patterson, Notary Public
	17 Within and for the State of Ohio
	18 My commission expires October 7, 2004
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I N D E X

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2		
3	EXAMINATION OF STEVEN K. SCHMITT, M.D.	
4	BY MS. TOSTI:	3 6
5		
6	PLAINTIFF'S Deposition	
7	Exhibit 1 was mark'd.....	8 8
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