CondenseIt!^{IM} DELOS M. COSGROVE, M.D. FEBRUARY 16, 1999 Page : Page 3 IN THE COURT OF COMMON PLEAS 1 DELOS M. COSGROVE, M.D., a witness herein, CUYAHOGA COUNTY, OHIO 1 2 2 called for examination, as provided by the Ohio 3 CHRISTOPHER S. LONG, etc.,) 3 Rules of Civil Procedure, being by me first duly 4 Plaintiffs, 4 sworn, as hereinafter certified, was deposed and 5 ٧S Case No. 321518 5 said as follows: 6 CLEVELAND CLINIC FOUNDATION) EXAMINATION OF DELOS M. COSGKOVE, M.D. 6 7 Defendant. 7 BY-MR. BECKER: 8 8 Q. Would you tell me your full name, please. 9 9 A. Delos Marshall Cosgrove, III. 10 0 Q. Doctor, what is your current position with 11 DEPOSITION OF DELOS M. COSGROVE, M.D. 1 the Cleveland Clinic Foundation? 12 TUESDAY, FEBRUARY 16, 1999 2 A. Chairman of the department of thoracic 13 _ _ ~ ~ ~ ~ 3 cardiovascular surgery. 14 The deposition of DEWS M. COSGROVE, M.D., 4 Q. I know you have had your deposition taken 15 the Witness herein, called by counsel on behalf of 5 before. I just want to review the ground rules the Plaintiff for examination under the statute, 166 with you. This is a question and answer session 17 taken before me, Vivian L. Gordon, a Registered 7 under oath. It's important that you understand 18 Diplomate Reporter and Notary Public in and for 18 the question that I ask. 19 the State of Ohio, pursuant to agreement of 9 If the question doesn't make sense or is 20 counsel, at the offices of The Cleveland Clinic 10 inartfully phrased, you stop and tell me so and I 21 Foundation, 9500 Euclid Avenue, Cleveland, Ohio, 21 will attempt to rephrase the question. However, commencing at 8:00 o'clock a.m. on the day and 22 2 unless you indicate otherwise to me, I am going to 23 date above set forth. 13 assume that you fully understood the question that 24 14 I have asked. Fair enough? 25 25 A. Fair. Page 4 Page 2 1 APPEARANCES 1 Q. What have you reviewed in preparation for 2 2 this deposition? 3 On behalf of the Plaintiff Becker & Mishkind 4 B Y MICHAEL BECKER, ESQ. 3 A. The chart. 4 Q. Does the cardiothoracic surgery department JEANNE M. TOSTL ESQ. 5 Skylight Office Tower 1660 West Second Street 5 have a separate chart on each patient aside from 6 Suite660 6 the hospital's main chart? Cleveland, Chio 44113 7 On behalf of the Defendant Roetzel & Andress B Y JOHN V. JACKSON, III, ESQ. NGRID KINKOPFZAJAC, ESQ. 1375 E 9th Street 7 A. No. 8 8 Q. If a patient prior to coming to the 9 9 Cleveland Clinic sent you or your office IO Cleveland, Ohio 441 14 0 correspondence or faxes relative to his problem, 11 1 his conditions, would you expect those faxes to be 12 2 within the hospital chart? 13 3 A. Yes. 14 4 Q. And is the complete hospital chart in front 15 5 of you? 16 6 A. Yes. 17 7 Q. Doctor, in August of 1996, I am interested 8 8 to know whether or not there was any written 19 9 policy within the cardiothoracic surgery 0 20 department relative to how a patient is to be '1 11 managed, observed, postoperatively. 12 22 A. No. i 23 13 Q. Any type of written policy as to, to your 24 14 knowledge, as to what nurses, residents or fellows 25 15 should do in the event that in an aortic valve or

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1 a chest patient, postoperatively there are signs	0	1 free to look at the chart before responding to a
2 and symptoms of bleeding, hypotension and/or	•	2 question.
³ hypotension and/or the development of cardiac		3 Back in August of 1996, what percentage of
4 tamponade?		4 your time was spent on minimally invasive surgery,
5 A. No.		5 approximately?
6 Q. Are there any kind of written rules,		6 A. I can't answer that Without going back and
7 guidelines?		7 looking at the record. I can't remember what
8 A. No.		8 percentage of my time was done With coronaries and
9 Q. Now, back in August of 1996, I am		9 what percentage was done with valves.
10 interested to know what your surgery schedule		10 Q. Is it a misnomer to speak of minimally
11 was. How many surgeries were you doing per se	on	11 invasive surgery when one is talking about a valve
12 average in August per day?		12 replacement?
13 A. Well, Without looking at the August record,		13 A. I don't understand your question.
14 I can't tell you.		14 Q. Fine. When one is doing a minimally
15 Q. I have heard that you generally work on two		15 invasive surgery, is it by definition a CABG?
16 waves per day; anywhere from two to four cases	in	16 A. No.
17 the morning and two to four cases in the		17 Q. Can it also be an aortic valve replacement?
18 afternoon. Is that accurate?		18 A. Yes.
19 A. Not correct.		19 Q. Can you estimate for me back in 1996, would
20 Q. Not true?		20 you have been doing 50 percent minimally
21 A. Not true.		21 invasive?
22 Q. 'what is the maximum number of patients yo	u	I am not holding you to a percentage, but
23 work on per day?		23 just a sense as to how much minimally invasive
24 A. By law, two. Two per round.		24 versus traditional surgery you were doing.
25 Q. And what does round mean?		25 A. Are you talking about valves or
	Page 6	-
1 A. I do two rooms that will be staggered.		1 coronaries?
2 Q. Two rooms in the morning and two rooms in		2 Q. I am interested in valves, excuse me.
3 theafternoon?		3 A. Probably half.
4 A. Probably, yes.		4 Q. Now, were there various types of minimally
5 Q. So the maximum you could work would be f	our	5 invasive surgeries relative to valves? Different
6 cases per day?		6 ways to do minimally invasive surgery on
7 A. No. You can't have more than two patients		7 replacement of an aortic valve?8 A. Yes.
8 in the operating room undergoing operations at th	le	
9 same time.		9 Q. Would you delineate what those types were?10 A. Various types of incisions.
0 Q. Right. But assuming that each operation		
1 takes a half day, have you ever done four cases		11 Q. Okay. And would you describe the types of 12 incisions for me?
2 per day? 3 A. Yes.		13 A. There is about a dozen. Would you like to
		14 go through them all?
4 Q. Now, you said by law you can't do that.		15 Q. Not if there is a dozen, no.
5 A. That's right,6 Q. 'what law are you refemng to?		16 Did Mr. Long have a minimally invasive
7 A. Medicare reimbursement law.		17 surgery?
8 Q. When did that law, to your knowledge, take		18 A. Yes.
9 effect?		19 Q. Now, he had a transverse sternotomy;
³ Oncert ⁴ ²⁰ A. I can't remember.		20 correct?
1 Q. What year?		21 A. Yes.
¹ ² 2 A. I don't remember.		22, Q. Are there various types of transverse
¹² A. Fuller temember. ¹³ Q. Incidentally, doctor, any time during this		23 sternomoties?
²⁴ deposition this is going to be a short		24 A. Yes.
25 deposition I want you to know you are more th	nan	25 Q. That would fall under the category of

Page 51 minimally invasive?1 A. Because that was the one that I thought2 A. Yes.1 A. Because that was the one that I thought3 Q. How many types of those would there be?3 Q. Okay. So of the three exhibits, Exhibit4 A. Aboutthree.3 Q. Okay. So of the three exhibits, Exhibit5 Q. All right.5 A. That was what I was using at that time.66 Q. Okay. Can you tell me, sir, how many7 (Thereupon, COSGROVE Deposition7 transverse sternotomies for a minimally inv8 Exhibit 1 was mark'd for9 a. No.9 purposes of identification.)9 A. No.010 Q. Can you give me an estimate in terms of1 Q. Doctor, handing you what's been marked as1 less than 25, less than a hundred?2 Plaintiff's Exhibit 1, which is a gross anatomical1 A. I can't tell you. I don't know, I don't3 drawing of the chest, can you mark on Exhibit 113 remember.4 the three different types of incision? Could you14 Q. Doctor, do you keep kind of a spreadsh7 of transverse sternotomies?18 A. Yes.9 Q. I have two more then, if that would be19 Q. And is that something subject to redacti10 G the patient's name to be reproduced?11 A. I am Sorry, I don't know what reduction12 (Thereupon, COSGROVE Deposition2 Q. Redaction. Taking out the name of the13 Exhibits 2 and 3 were mark'd for2 Q. Okay. So if need be, you could reproduce?14 Q. We have now marked these Exhibits 1, 2 and2 A. By both.2 G. We have now marked these Exhibits 1, 2 and2 Q. Okay. So if need be, you could reproduce?14 Q	1 asive f eet here as
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2 3. And as to Exhibit 1, what type of a transverse 2 Q. Okay. So if need be, you could reprodu	Page 12
3 sternotomy is that? What would you call that? 3 that off your computers: correct?	ce
4 A. It's a transverse incision that's going4 A. It's a hand kept.	
5 through the third interspace. 5 Q. How far back does that go, sir?	
6 Q. Okay. Is that what Mr. Long actually had? 6 A. The beginning of the minimally invasiv	e and
7 A. Yes. 7 then until about 1970. Total, about 60,000	
8 Q. And what does Exhibit 2 reflect relative to 8 patients then.	
9 a transverse sternotomy? 9 Q. What year did you start minimally inva	sive?
0 A. It's a vertical incision in the sternum 10 A. 1960. '96,I'm sorry.	
1 with a transverse of the third inner space.	
2 Q. Kind of like an upside down T?	your
3 A. Yes. 13 minimally invasive surgery experience?	
4 Q. And what is number 3? 14 A. What do I call it? It's a record that we	
5 A. That's a T incision, the same way.	
6 Q. Okay. Now, when is one exhibit more 16 we keep for purposes of looking at complic	ations,
7 indicated than the other? 17 et cetera.	
8 MR. JACKSON: You mean one 18 Q. Okay.	
9 incision? 19 A. It doesn't have a name.	
10 Q. Yes, one incision as reflected on these10 Q. Do you have a separate data sheet for	
1 exhibits. If you can generalize for me.11 minimally invasive or do you mix tradition	
<i>R</i> A. I don't think you can generalize.	
13 Q. Let me ask you this, sir. Why was it that 23 A. No, we have one for minimally invasive	
14 you used the type of incision as demonstrated on 24 Q. Okay.	
25 MR. BECKER: John, we will ask you	

5 Exhibit 1 on Mr. Long? Vivian L. Gordon, RDR

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 for a copy of that. Will you let me know if you need a formal request for 	1 Q. And that is current? 2 A. Yes.
3 production?	
	3 Q. Are there any articles within those
4 MR. JACKSON I will. I will let 5 you know.	4 publications that speak to the Cleveland Clinic's
6 Q. Now, back in August of 1996, what patients	5 experience in minimally invasive surgery and
7 were candidates for minimally invasive surgery i	1
8 aortic valve replacements?	
9 A. Primarily isolated without history of	8 Q. Would you just identify them by number,
 9 A. Trimarity isolated without instory of 0 pericarditis or pectus excavatum. 	9 please, and tell me whether you are in journals or10 textbooks or abstracts.
1 Q. I am not familiar with that last term.	11 A. 325, 320, 319, 311, 310. I think that's
2 What does that mean?	12 it.
3 A. That means a caved in chest. Congenital	
4 anomaly.	 4 If the additional of the additional o
5 Q. You just told me what the contraindications	15 visualization of the organs and the structure as
6 were, essentially as far as the patient, the	16 you do with a full sternotomy?
7 exclusion criterion.	17 A. I am not sure I understand which organs you
8 Now, once one would fall under the category	÷ •
9 where they can be operated on minimally invasiv	ç
0 is there something about a patient's history that	20 otherwise, in my questions, I am talking about
1 you knew back in August of 1996 that would ma	
2 them at higher risk for minimally invasive surge	
3 than another patient?	23 Q. The heart.
4 A. No.	24 A. You see less heart, yes.
5 Q. If a man was a former weightlifter, as Mr.	25 Q. With minimally invasive aortic valve
	Page 14 Id 1 replacement the condicately burgers burgers burgers burgers
1 Long was, and had a massively bulky chest, wou	1 replacement, the cardiopulmonary bypass pump may2 be on longer?
2 that have put him at any increased risk for3 minimally invasive surgery?	2 be on longer? 3 A. No.
4 A. No.	
5 Q. Do you recall whether or not the Clinic had	4 Q. Can you give me a sense as to the median 5 period of time in an aortic valve replacement that
6 an informed consent form for minimally invasive	
7 surgery back in 1996?	6 the cardiopulmonary bypass pump should be on?7 A. Depends on what kind of an operation you
8 A. No, we didn't.	8 are doing.
9 Q. Were you one of the pioneers in minimally	C C
0 invasive surgery?	9 <i>Q</i> . Let's say we are doing an aortic valve 0 replacement utilizing an incision that's
1 A. Yes.	1 previously been depicted in Exhibit 1.
2 Q. Is that a copy of your current CV in front	2 A. The aortic occlusion time and the cardiac
3 of you?	3 pulmonary bypass time are 45 and 60 minutes,
4 MR. JACKSON There is one right in	4 respectively.
5 front of you.	5 <i>Q</i> . Could you tell me that one more time,
6 A. Yes.	6 please, say that one more time?
7	7 A. Would she like to read it back.
8 ("hereupon, COSGROVE Deposition	8 (Record read.)
9 Exhibit 4 was mark'd for	9 Q. Would one have a potential for greater
0 purposes of identification.)	0 coagulopathy problems with a longer pump time?
1	1 A. Yes.
2 Q. Doctor, handing you what has been marked a	
3 Plaintiff's Exhibit 4, would you identify that for	¹³ A. Because of the contact with the
4 me?	4 cardiopulmonary bypass circuit.
5 A. My curriculum vitae.	25 Q. Is it generally more difficult to cannulize

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1 blood vessels with minimally invasive surgery?	1 Q. What do you mean?
2 A. No.	2 A. Exactly that.
3 Q. Now, you obviously need special surgical	3 Q . He was difficult to get ahold of, or when
4 instruments to perform minimally invasive surgery	4 you were sitting down with him, he didn't
5 on an aortic valve; correct?	5 understand what you were saying?
6 A. No.	6 A. No. Difficult to communicate with on a
7 Q. You do not?	7 face-to-face basis.
8 A. No.	8 Q. Can you be any more specific than that?
9 Q. So would it be fair for me to conclude that	9 A. No, I don't think so.
10 there are not specially designed instruments	0 Q. Doctor, when you meet with a family member
11 solely for the use of minimally invasive?	1 after an untoward event from surgery, is it your
12 A. That's correct.	2 practice to generate any notes?
13 Q. Was there anything about Mr. Long's medical	3 A. No.
14 history or his physical stature that caused him to	4 Q. Do you recall any conversations you had
15 be at increased risk for minimally invasive	5 with Christopher Long?
16 surgery?	6 A. Not the content.
17 A. No.	7 Q. You just remember that he was difficult to
18 Q. I want to explore your recollection of	8 communicate with?
19 James Long. I know you see a lot of patients,	9 A. Yes.
20 doctor. Do you have any recollection of him?	20 Q. I mean, are you saying that he kind of gave
21 A. Uh-huh.	1 you a hard time?
22 Q. Tell me what you remember about him.	2 A. I didn't know that he understood what I was
23 A. A big guy.	13 telling him.
24 Q. A big man, big-boned man, big mass, muscle	4 Q. Okay. Christopher Long has a number of
25 mass?	5 specific recollections regarding conversations
Daga 18	Page 71
Page 18	Page 2(
1 A. Yes.	1 with you. I am going to run by them and see if
 A. Yes. Q. Anything else you remember about him? 	 1 with you. I am going to run by them and see if 2 you can if they might refresh your recollection
 A. Yes. Q. Anything else you remember about him? A. I remember he specifically was anxious to 	 with you. I am going to run by them and see if you can if they might refresh your recollection and you can say I have no idea or no, I didn't say
 A. Yes. Q. Anything else you remember about him? A. I remember he specifically was anxious to 4 have a small incision and we talked about it at 	 1 with you. I am going to run by them and see if 2 you can if they might refresh your recollection 3 and you can say I have no idea or no, I didn't say 4 that or I may have said that. Okay?
 A. Yes. Q. Anything else you remember about him? A. I remember he specifically was anxious to 4 have a small incision and we talked about it at 5 length ahead of time and I told him what my 	 with you. I am going to run by them and see if you can if they might refresh your recollection and you can say I have no idea or no, I didn't say that or I may have said that. Okay? I am not limiting you to your answer, but I
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 1 A. Yes. 2 Q. Anything else you remember about him? 3 A. I remember he specifically was anxious to 4 have a small incision and we talked about it at 5 length ahead of time and I told him what my 6 experience had been. 7 Q. In person or on the phone? 8 A. In person. 9 Q. Okay. 10 A. And I discussed the risk of the operation 11 with him. 12 Q. Would anybody else have been present during 13 this discussion? 14 A. No. His family didn't come with him. 15 Q. Okay. Was Mr. Long given any options 16 relative to the three various types of incisions? 17 A. No. 18 Q. You choose the incision route? 19 A. Yes. 20 Q. Do you remember Mr. Long's son, Christopher 21 Long? 22 A. Yes. 23 Q. What do you remember about Christopher 	 with you. I am going to run by them and see if you can if they might refresh your recollection and you can say I have no idea or no, I didn't say that or I may have said that. Okay? I am not limiting you to your answer, but I will run by some of his recollections. Chris Long had got a phone call from you on the day of his dad's surgery at around 6:00 o'clock and you told him that everything went well, quote, according to the book. Would that be something that you may have said? A. I don't ever remember using that phrase, but it's possible. Q. Okay. A. It's not one I use frequently. Q. Now, Mr. Long's surgery was moved up one day from I think it was on a Wednesday and moved up to Tuesday or Tuesday to Monday, I don't remember now which day, because there was an opening in your afternoon schedule. Do you recall that? A. No.

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CondenseIt![™]

<u>FEDRUARI 10,1999</u> Con	denseit! DELOS M. COSGROVE, M.D.
Page 2	Page 23
1 A. No,	1 conversation in person with you where you said I
2 Q. Now, Chris Long had difficulty strike	2 have been pouring over the records day and night
3 that.	3 to figure out what went wrong.
4 When did you first learn about the serious	4 Does that sound like something you would
5 complication of James Long?	5 have said?
6 A. Which serious complication?	6 A. It's possible.
7 Q. Of the cardiac tamponade and his brain	7 Q. And Chris Long also specifically recalls
8 injury.	8 you telling him Chris that his father James
9 A. I am not sure that I learned about a	9 Long was the largest man on whom I have ever
10 tamponade. I learned about his brain injury the	10 performed this procedure.
11 next morning.	11 Is that true?
12 Q. Okay. The next morning?	12 A. It's possible.
13 A. After the surgery, the day after the	13 Q. And you told Chris Long that you were quite
14 surgery.	14 surprised by Mr. Long's chest mass and that his
15 Q. Okay. Who would have been responsible for	15 father, Mr. Long's chest mass initially caused
16 contacting a family member if the family member is	16 technical difficulties.
17 out of state relative to a serious Complication of	17 Is that true?
18 a patient?	18 A. That I said that?
19 A. Well, it is generally done with a number of	19 Q. That you said that and did it actually
20 different individuals. I can't remember in this	20 happen?
21 particular case who did that.	21 A. I can't remember that I said that or not,
22 Q. I Will represent to you, doctor, that Chris	22 and I can't remember it being a problem, but we
23 Long did not learn about the serious complications	23 certainly accomplished the procedure reasonably.
24 of his father until Friday, three days after	24 Q. Okay. Now, if you saw Mr. Long the night
25 surgery, three days after his dad's serious	25 before surgery, would you have done a physical
Page 2 1 complication.	Page 24 1 exam of him?
2 Is that an appropriate period of time to	2 A. No.
3 advise a family member of a serious complication?	3 Q. You also told Chris Long at this meeting at
	4 2:15 on 8-27-97 that immediately after you took
4 MR. JACKSON I'll object. Go ahead 5 andanswer.	5 his dad off the heart/lung bypass, and once his
	J IIIS dad off the individual by pass, and once his
	- 51 ·
6 A. No.	6 heart took over, his heart pumped so hard that it
7 Q. Chris Long felt that it was necessary for	6 heart took over, his heart pumped so hard that it7 blew one of the stitches that you had made on the
7 Q. Chris Long felt that it was necessary for8 him to work through an Ombudsman person to reach	 6 heart took over, his heart pumped so hard that it 7 blew one of the stitches that you had made on the 8 heart.
 7 Q. Chris Long felt that it was necessary for 8 him to work through an Ombudsman person to reach 9 you. 	 6 heart took over, his heart pumped so hard that it 7 blew one of the stitches that you had made on the 8 heart. 9 Is that true?
 7 Q. Chris Long felt that it was necessary for 8 him to work through an Ombudsman person to reach 9 you. 10 Do you recall whether that, in fact, was 	 6 heart took over, his heart pumped so hard that it 7 blew one of the stitches that you had made on the 8 heart. 9 Is that true? 10 A. Yeah.
 7 Q. Chris Long felt that it was necessary for 8 him to work through an Ombudsman person to reach 9 you. 10 Do you recall whether that, in fact, was 11 necessary? 	 6 heart took over, his heart pumped so hard that it 7 blew one of the stitches that you had made on the 8 heart. 9 Is that true? 10 A. Yeah. 11 Q. Why did that happen?
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 7 Q. Chris Long felt that it was necessary for 8 him to work through an Ombudsman person to reach 9 you. 10 Do you recall whether that, in fact, was 11 necessary? 12 A. I don't remember. 13 Q. Okay. Is that unusual for a patient's 	 6 heart took over, his heart pumped so hard that it 7 blew one of the stitches that you had made on the 8 heart. 9 Is that true? 10 A. Yeah. 11 Q. Why did that happen? 12 A. Well, I can't tell you why it happened. 13 Q. Is that the first time that it has happened
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 7 Q. Chris Long felt that it was necessary for 8 him to work through an Ombudsman person to reach 9 you. 10 Do you recall whether that, in fact, was 11 necessary? 12 A. I don't remember. 13 Q. Okay. Is that unusual for a patient's 14 family to have to go through the Ombudsman how 15 do you pronounce the word? 16 A. Ombudsman. 	 6 heart took over, his heart pumped so hard that it 7 blew one of the stitches that you had made on the 8 heart. 9 Is that true? 10 A. Yeah. 11 Q. Why did that happen? 12 A. Well, I can't tell you why it happened. 13 Q. Is that the first time that it has happened 14 to you? 15 A. No. 16 Q. Chris Long further recalls that you were
 7 Q. Chris Long felt that it was necessary for 8 him to work through an Ombudsman person to reach 9 you. 10 Do you recall whether that, in fact, was 11 necessary? 12 A. I don't remember. 13 Q. Okay. Is that unusual for a patient's 14 family to have to go through the Ombudsman how 15 do you pronounce the word? 16 A. Ombudsman. 17 Q department or division to reach you? 	 6 heart took over, his heart pumped so hard that it 7 blew one of the stitches that you had made on the 8 heart. 9 Is that true? 10 A. Yeah. 11 Q. Why did that happen? 12 A. Well, I can't tell you why it happened. 13 Q. Is that the first time that it has happened 14 to you? 15 A. No. 16 Q. Chris Long further recalls that you were 17 very surprised by this complication.
 7 Q. Chris Long felt that it was necessary for 8 him to work through an Ombudsman person to reach 9 you. 10 Do you recall whether that, in fact, was 11 necessary? 12 A. I don't remember. 13 Q. Okay. Is that unusual for a patient's 14 family to have to go through the Ombudsman how 15 do you pronounce the word? 16 A. Ombudsman. 17 Q department or division to reach you? 18 A. Yes. 	 6 heart took over, his heart pumped so hard that it 7 blew one of the stitches that you had made on the 8 heart. 9 Is that true? 10 A. Yeah. 11 Q. Why did that happen? 12 A. Well, I can't tell you why it happened. 13 Q. Is that the first time that it has happened 14 to you? 15 A. No. 16 Q. Chris Long further recalls that you were 17 very surprised by this complication. 18 A. I am.
 7 Q. Chris Long felt that it was necessary for 8 him to work through an Ombudsman person to reach 9 you. 10 Do you recall whether that, in fact, was 11 necessary? 12 A. I don't remember. 13 Q. Okay. Is that unusual for a patient's 14 family to have to go through the Ombudsman how 15 do you pronounce the word? 16 A. Ombudsman. 17 Q department or division to reach you? 18 A. Yes. 19 Q. I assume you don't have an explanation as 	 6 heart took over, his heart pumped so hard that it 7 blew one of the stitches that you had made on the 8 heart. 9 Is that true? 10 A. Yeah. 11 Q. Why did that happen? 12 A. Well, I can't tell you why it happened. 13 Q. Is that the first time that it has happened 14 to you? 15 A. No. 16 Q. Chris Long further recalls that you were 17 very surprised by this complication. 18 A. I am. 19 Q. And you had to once again place his dad on
 7 Q. Chris Long felt that it was necessary for 8 him to work through an Ombudsman person to reach 9 you. 10 Do you recall whether that, in fact, was 11 necessary? 12 A. I don't remember. 13 Q. Okay. Is that unusual for a patient's 14 family to have to go through the Ombudsman how 15 do you pronounce the word? 16 A. Ombudsman. 17 Q department or division to reach you? 18 A. Yes. 19 Q. I assume you don't have an explanation as 20 to why it took so long to notify Chris Long of his 	 6 heart took over, his heart pumped so hard that it 7 blew one of the stitches that you had made on the 8 heart. 9 Is that true? 10 A. Yeah. 11 Q. Why did that happen? 12 A. Well, I can't tell you why it happened. 13 Q. Is that the first time that it has happened 14 to you? 15 A. No. 16 Q. Chris Long further recalls that you were 17 very surprised by this complication. 18 A. I am. 19 Q. And you had to once again place his dad on 20 the heart/lung machine and to sew up the blown
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 7 Q. Chris Long felt that it was necessary for 8 him to work through an Ombudsman person to reach 9 you. 10 Do you recall whether that, in fact, was 11 necessary? 12 A. I don't remember. 13 Q. Okay. Is that unusual for a patient's 14 family to have to go through the Ombudsman how 15 do you pronounce the word? 16 A. Ombudsman. 17 Q department or division to reach you? 18 A. Yes. 19 Q. I assume you don't have an explanation as 20 to why it took so long to notify Chris Long of his 21 father's condition? 22 A. No. 	 6 heart took over, his heart pumped so hard that it 7 blew one of the stitches that you had made on the 8 heart. 9 Is that true? 10 A. Yeah. 11 Q. Why did that happen? 12 A. Well, I can't tell you why it happened. 13 Q. Is that the first time that it has happened 14 to you? 15 A. No. 16 Q. Chris Long further recalls that you were 17 very surprised by this complication. 18 A. I am. 19 Q. And you had to once again place his dad on 20 the heart/lung machine and to sew up the blown 21 stitch. 22, A. Correct.
 7 Q. Chris Long felt that it was necessary for 8 him to work through an Ombudsman person to reach 9 you. 10 Do you recall whether that, in fact, was 11 necessary? 12 A. I don't remember. 13 Q. Okay. Is that unusual for a patient's 14 family to have to go through the Ombudsman how 15 do you pronounce the word? 16 A. Ombudsman. 17 Q department or division to reach you? 18 A. Yes. 19 Q. I assume you don't have an explanation as 20 to why it took so long to notify Chris Long of his 21 father's condition? 23 Q. Chris Long flew out to Cleveland and 	 6 heart took over, his heart pumped so hard that it 7 blew one of the stitches that you had made on the 8 heart. 9 Is that true? 10 A. Yeah. 11 Q. Why did that happen? 12 A. Well, I can't tell you why it happened. 13 Q. Is that the first time that it has happened 14 to you? 15 A. No. 16 Q. Chris Long further recalls that you were 17 very surprised by this complication. 18 A. I am. 19 Q. And you had to once again place his dad on 20 the heart/lung machine and to sew up the blown 21 stitch. 22, A. Correct. 23 Q. Now, when you use the phrase blown stitch,
 7 Q. Chris Long felt that it was necessary for 8 him to work through an Ombudsman person to reach 9 you. 10 Do you recall whether that, in fact, was 11 necessary? 12 A. I don't remember. 13 Q. Okay. Is that unusual for a patient's 14 family to have to go through the Ombudsman how 15 do you pronounce the word? 16 A. Ombudsman. 17 Q department or division to reach you? 18 A. Yes. 19 Q. I assume you don't have an explanation as 20 to why it took so long to notify Chris Long of his 21 father's condition? 22 A. No. 	 6 heart took over, his heart pumped so hard that it 7 blew one of the stitches that you had made on the 8 heart. 9 Is that true? 10 A. Yeah. 11 Q. Why did that happen? 12 A. Well, I can't tell you why it happened. 13 Q. Is that the first time that it has happened 14 to you? 15 A. No. 16 Q. Chris Long further recalls that you were 17 very surprised by this complication. 18 A. I am. 19 Q. And you had to once again place his dad on 20 the heart/lung machine and to sew up the blown 21 stitch. 22, A. Correct.

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	Page 25	Page 27
1 A. Probably pulled through the tissue.	1 cannulate. I do t	the operation and decannulate and
2 Q. And at that meeting, on the 27th, Chris	2 <i>dry</i> up and the te	eam closes.
3 recalls you telling Chris or talking to him about	3 Q. So you are n	ot there during the whole
4 the quality of life that his dad is going to have	4 surgery?	-
5 to live with.	5 A. No.	
6 Do you remember any discussion along tho	se 6 Q. Are you sayi	ing, doctor, that the massive
7 lines?	7 chest size of Mr.	Long didn't present any
8 A. No.	8 difficulties as fai	r as you doing the intricate
9 Q. You also told Chris at that meeting that	9 work of the valve	e itself?
0 because his dad had had critical stenosis of the	0 A. That's correct	ct.
1 aortic valve for some time, his heart was enlarg	ed 1 Q. In addition to	o the spreadsheet or data bank
2 and his heart muscle was thick.	2 that we talked at	pout with your surgeries, do you
3 Do you remember that?	3 have an actual su	argery schedule that you can go
4 A. That's correct. I don't remember saying	4 back and say on	August 20th, for example, these
5 that, but that was correct.	5 were my cases an	nd this is how many I did?
6 Q. And the fact that his heart was enlarged,	6 A. Yes.	
7 that fact alone is not unusual for an aortic valve	e 7 Q. Now, going l	back to this complication where
8 replacement; correct?	8 there was a pull	through or a rupture of the
9 A. That's correct.	9 suture, what did	
0 Q. Now, the fact that his heart muscle was	:0 A. Placed him b	back on cardiopulmonary bypass,
1 thick, would you consider that unusual for an	-	e heart and replaced the stitch.
2 aortic valve replacement?		bect the other stitches to see
3 A. No.	23 if there was any	loosening?
4 Q. The fact that his heart muscle was thick,	!4 A. Sure.	
5 did that present an additional challenge or	15 Q. You had a di	uty to do that; correct?
	Page 26	Page 28
1 additional degree of difficulty because of the	1 A. I had a duty	to do that?
2 thickness of the heart muscle?	2 Q. If you go bac	
3 A. Just in controlling his blood pressure.		ack in. You know, we had not
4 Q. Can you explain that a little bit further?		out of the heart. We had let the
5 A. Yes. People that have very thick heart		ng. As the heart started
6 muscles generally generate very high blood		ognized that we had a bleeding
7 pressures and you have to give medicine to com	-	t it back on the bypass without
8 the blood pressure.	÷	ubes out, fixed the stitch.
9 Q. And to your knowledge, was Mr. Long on		her bleeding, And he came off the
0 blood pressure medication prior to?	0 heart/lung machi	÷
1 A. No, after surgery you have to control the		mine the other stitching areas?
2 blood pressure.		vas no bleeding so there was no
3 Q. Oh, so that statement was postoperatively?		ere was no other bleeding areas.
4 A. Yes.	-	Chris Long that the problem of
5 Q. And then Chris Long indicates that he had	_	e had not occurred to you with
6 difficulty reaching you and then when you did	6 any other homog	
7 finally hook up with him you apologized for the	e 7 A. I don't reme	mber.
8 poor communication.	_	t that's the first time
9 Do you remember that?		o you in a homograft valve
0 A. No.	0 replacement?	
1 Q. Now, as far as the surgery itself on Mr.		a lot of bleeding problems
2 Long, is it your practice to start and finish the	2 with homografts	
3 whole operation or just come in when the techni		ng you didn't do any reinforcing
4 aspect of the valve has to be addressed?		he suture ruptured; you simply
5 A. I don't open and generally do not		in in that one location?

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FEBRUARY 16, 1999Condenselt! MDELOS M. COSGROVE, NPage 29Page 291 A. I did reinforce that particular stitch,prior to coming to the Cleveland Clinic?2 yes.2 A. Yes. He was board eligible.3 Q. Okay. How did youdothat?3 Q. So the reason that he came here?4 A. Pledgets.4 A. Was for the special expertise at the5 Q. Is that reflected in the operative report?6 A. Yes.6 A. Yes.6 Q. Okay. He was considered the chief7 Q. Now, once you finished the operation, and7 resident?8 if it's the last case, would you be going home8 A. Yes.9 roughly between 6:00 and 7:00 p.m.?9 Q. Now, was he in-house or was he at home?0 A. I wish.10 A. I can't tell you where he was.1 Q. Okay. Can you tell by the chart or by your10 A. I can't tell you where he was.2 records as to what time you went home on the day11 Q. Well, do you expect him to be in-house?2 A. No.13 Q. Or at home in between 7:00 and 10:00 p.m.?4 A. No.14 A. I expect him to be, you know, where its5 Q. I want to get a sense as to who is15 necessary to be for patient care.6 responsible for post-op management of Mr. Long or16 Q. Right. But can he, if he is ultimately7 who was responsible in this case.17 responsible, can he be ultimately responsible at	ge 31
 1 A. I did reinforce that particular stitch, 2 yes. 3 Q. Okay. How did youdothat? 4 A. Pledgets. 5 Q. Is that reflected in the operative report? 6 A. Yes. 7 Q. Now, once you finished the operation, and 8 if it's the last case, would you be going home 9 roughly between 6:00 and 7:00 p.m.? 6 A. I wish. 1 Q. Okay. Can you tell by the chart or by your 2 records as to what time you went home on the day 3 of this surgery? 4 A. No. 5 Q. I want to get a sense as to who is 6 responsible for post-op management of Mr. Long or 1 prior to coming to the Cleveland Clinic? 2 A. Yes. He was board eligible. 3 Q. So the reason that he came here? 4 A. Was for the special expertise at the 5 Cleveland Clinic. 6 Q. Okay. He was considered the chief 7 resident? 8 A. Yes. 9 Q. Now, was he in-house or was he at home? 10 A. I can't tell you where he was. 11 Q. Well, do you expect him to be in-house? 12 A. No. 13 Q. Or at home in between 7:00 and 10:00 p.m.? 14 A. I expect him to be, you know, where its 15 necessary to be for patient care. 16 Q. Right. But can he, if he is ultimately 	0
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 4 A. Pledgets. 5 Q. Is that reflected in the operative report? 6 A. Yes. 7 Q. Now, once you finished the operation, and 8 if it's the last case, would you be going home 9 roughly between 6:00 and 7:00 p.m.? 6 A. I wish. 1 Q. Okay. Can you tell by the chart or by your 2 records as to what time you went home on the day 3 of this surgery? 4 A. Was for the special expertise at the 5 Cleveland Clinic. 6 Q. Okay. He was considered the chief 7 resident? 8 A. Yes. 9 Q. Now, was he in-house or was he at home? 10 A. I can't tell you where he was. 11 Q. Well, do you expect him to be in-house? 12 A. No. 13 Q. Or at home in between 7:00 and 10:00 p.m.? 14 A. I expect him to be, you know, where its 15 necessary to be for patient care. 16 Q. Right. But can he, if he is ultimately 	
 4 A. Pledgets. 5 Q. Is that reflected in the operative report? 6 A. Yes. 7 Q. Now, once you finished the operation, and 8 if it's the last case, would you be going home 9 roughly between 6:00 and 7:00 p.m.? 6 A. I wish. 1 Q. Okay. Can you tell by the chart or by your 2 records as to what time you went home on the day 3 of this surgery? 4 A. Was for the special expertise at the 5 Cleveland Clinic. 6 Q. Okay. He was considered the chief 7 resident? 8 A. Yes. 9 Q. Now, was he in-house or was he at home? 10 A. I can't tell you where he was. 11 Q. Well, do you expect him to be in-house? 12 A. No. 13 Q. Or at home in between 7:00 and 10:00 p.m.? 14 A. I expect him to be, you know, where its 15 necessary to be for patient care. 16 Q. Right. But can he, if he is ultimately 	
 5 Q. Is that reflected in the operative report? 6 A. Yes. 7 Q. Now, once you finished the operation, and 8 if it's the last case, would you be going home 9 roughly between 6:00 and 7:00 p.m.? 6 A. I wish. 1 Q. Okay. Can you tell by the chart or by your 2 records as to what time you went home on the day 3 of this surgery? 4 A. No. 5 Cleveland Clinic. 6 Q. Okay. He was considered the chief 7 resident? 8 A. Yes. 9 Q. Now, was he in-house or was he at home? 10 A. I can't tell you where he was. 11 Q. Well, do you expect him to be in-house? 12 A. No. 13 Q. Or at home in between 7:00 and 10:00 p.m.? 14 A. I expect him to be, you know, where its 15 necessary to be for patient care. 16 Q. Right. But can he, if he is ultimately 	
 7 Q. Now, once you finished the operation, and 8 if it's the last case, would you be going home 9 roughly between 6:00 and 7:00 p.m.? 0 A. I wish. 1 Q. Okay. Can you tell by the chart or by your 2 records as to what time you went home on the day 3 of this surgery? 4 A. No. 5 Q. I want to get a sense as to who is 6 responsible for post-op management of Mr. Long or 1 Q. Now, once you finished the operation, and 9 Q. Now, was he in-house or was he at home? 9 Q. Now, was he in-house or was he at home? 9 Q. Now, was he in-house or was he at home? 9 Q. Now, was he in-house or was he at home? 9 Q. Now, was he in-house or was he at home? 10 A. I can't tell you where he was. 11 Q. Well, do you expect him to be in-house? 12 A. No. 13 Q. Or at home in between 7:00 and 10:00 p.m.? 14 A. I expect him to be, you know, where its 15 necessary to be for patient care. 16 Q. Right. But can he, if he is ultimately 	
 8 if it's the last case, would you be going home 9 roughly between 6:00 and 7:00 p.m.? 0 A. I wish. 1 Q. Okay. Can you tell by the chart or by your 2 records as to what time you went home on the day 3 of this surgery? 4 A. No. 5 Q. I want to get a sense as to who is 6 responsible for post-op management of Mr. Long or 8 A. Yes. 9 Q. Now, was he in-house or was he at home? 9 Q. Now, was he in-house or was he at home? 9 Q. Now, was he in-house or was he at home? 10 A. I can't tell you where he was. 11 Q. Well, do you expect him to be in-house? 12 A. No. 13 Q. Or at home in between 7:00 and 10:00 p.m.? 14 A. I expect him to be, you know, where its 15 necessary to be for patient care. 16 Q. Right. But can he, if he is ultimately 	
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 0 A. I wish. 1 Q. Okay. Can you tell by the chart or by your 2 records as to what time you went home on the day 3 of this surgery? 4 A. No. 5 Q. I want to get a sense as to who is 6 responsible for post-op management of Mr. Long or 10 A. I can't tell you where he was. 11 Q. Well, do you expect him to be in-house? 12 A. No. 13 Q. Or at home in between 7:00 and 10:00 p.m.? 14 A. I expect him to be, you know, where its 15 necessary to be for patient care. 16 Q. Right. But can he, if he is ultimately 	
 1 Q. Okay. Can you tell by the chart or by your 2 records as to what time you went home on the day 3 of this surgery? 4 A. No. 5 Q. I want to get a sense as to who is 6 responsible for post-op management of Mr. Long or 11 Q. Well, do you expect him to be in-house? 12 A. No. 13 Q. Or at home in between 7:00 and 10:00 p.m.? 14 A. I expect him to be, you know, where its 15 necessary to be for patient care. 16 Q. Right. But can he, if he is ultimately 	1
 2 records as to what time you went home on the day 3 of this surgery? 4 A. No. 5 Q. I want to get a sense as to who is 6 responsible for post-op management of Mr. Long or 12 A. No. 13 Q. Or at home in between 7:00 and 10:00 p.m.? 14 A. I expect him to be, you know, where its 15 necessary to be for patient care. 16 Q. Right. But can he, if he is ultimately 	
 3 of this surgery? 4 A. No. 5 Q. I want to get a sense as to who is 6 responsible for post-op management of Mr. Long or 113 Q. Or at home in between 7:00 and 10:00 p.m.? 14 A. I expect him to be, you know, where its 15 necessary to be for patient care. 16 Q. Right. But can he, if he is ultimately 	
 4 A. No. 5 Q. I want to get a sense as to who is 6 responsible for post-op management of Mr. Long or 14 A. I expect him to be, you know, where its 15 necessary to be for patient care. 16 Q. Right. But can he, if he is ultimately 	
 5 Q. I want to get a sense as to who is 6 responsible for post-op management of Mr. Long or 15 necessary to be for patient care. 16 Q. Right. But can he, if he is ultimately 	
6 responsible for post-op management of Mr. Long or 46 Q. Right. But can he , if he is ultimately	
7 who was responsible in this case. 17 responsible, can he be ultimately responsible at	
8 Can you tell me from the chart or from your 18 home?	
9 recollection as to who would have been responsible 19 A. Yes.	
0 for the surgical aspect of Mr. Long's 20 Q. Okay. Based on your review of the chart,	
I postoperative care? 21 is there anything that tells you that Dr.	
2 A. Well, there is a team. 22 Muellbach was in person or on campus that evening	g?
3 Q. Explain to me how that team works. 23 A. I don't know where he was.	
4 A. Junior resident in the house, chief 24 Q. Okay. So Dr. Muellbach, did he begin as	
5 resident and myself. 25 most residencies begin, July 1st of that year?	
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1 Q. Junior resident? 1 A. Yes.	
2 A. Yes. 2 Q. So he had been with the Cleveland Clinic	
3 Q. You say there is a junior resident in the 3 approximately six or seven weeks at the time of	
4 house? 4 Mr. Long's surgery?	
5 A. Yes. 5 A. Yes.	
6 Q. And then you said there is a chief 6 Q. He wasn't considered, quote, an attending;	
7 resident? 7 he was considered the chief resident?	
8 A. Yes. 8 A. Exactly.	
9 Q. And do you remember who the chief resident 9 Q. Can you explain to me why, because of his	
0 was at this time? 0 experience, why he wouldn't have been considered	
1 A. Dr. Muellbach.I anattending?	
2 Q. Now, to your knowledge, had Dr. Muellbach 2 A. Because we don't take anybody on the staff	
3 done his residency, all of his surgical residency 3 I hadn't appointed him as an attendant. It's	
4 at the Cleveland Clinic? 4 a closed staff here, as you know, and anybody	
5 A. No. 5 cannot get admitted to it, and we hired him as a	
6 Q. Had Dr. Muellbach essentially come to the 6 resident.	
7 Cleveland Clinic for specialized cardiothoracic 7 Q. But was there actually a contract with him,	
8 surgical training? 8 to your knowledge?	
9 A. He had come to the Cleveland Clinic because 9 A. He gets a letter telling him what his	
0 the staff where he was training in Kansas City 20 Q. Duties and responsibilities would be?	
1 were anxious to put him back on the faculty there 1.1 A. No, what his salary will be and the term	
2 and they wanted him to have an additional year of 2 and the length of his employment.	
3 experience at the Cleveland Clinic and then to 3 Q. To your knowledge, is there any document	
4 return to their faculty.	
5 Q. Well, was he doing cardiothoracic surgery 45 responsibilities would be? Page 29 - Page 32 Vivian L. Gordon, 1	

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	Page 33 Page 35
1 A. No.	1 answers, is it your position that Mr. Long did not
2 Q. To your knowledge, he is back in Kansas	2 sustain a cardiac tamponade?
3 City?	3 A. I didn't say that.
4 A. Yes.	4 Q. Okay. Do you agree that Mr. Long, in fact,
5 Q. Do you recall talking with him about this	5 did sustain a cardiac tamponade?
6 particular patient after Mr. Long's complication?	6 A. No.
7 A. Well, I am sure we talked. I can't tell	7 Q. What's the basis for that opinion? What
8 you what the conversation was.	8 was the cause of his arrest?
9 Q. Okay. Do you know whether or not Dr.	9 A. I don't know.
0 Muellbach was contacted either two or three times	s 0 Q. Did you ever tell Mr. Long's son that his
1 that evening by phone, by a nurse?	1 dad sustained a cardiac tamponade?
2 A. I don't know how many times he was	2 A. I don't remember.
3 contacted.	3 Q. So you don't know and you don't have an
4 Q. Did the patient know that his postoperative	4 opinion as to what caused his arrest?
5 care was going to be managed by residents?	5 A. No.
6 A. We didn't specifically discuss that.	6 Q. Do you acknowledge that he was bleeding in
7 Q. Do you think that's something that a	7 the recovery unit?
8 patient should be told?	8 A. Every patient bleeds in the recovery unit.
9 A. No.	9 Q. Okay. As you sit here, doctor, do you have
O Q. Would it be fair to state, doctor, that	20 any criticism of any of the residents, whether
1 people who are managing postoperatively recovery	
² people, patients, have a duty to be more	2 residents or nurses, as to the way they managed
3 aggressive with a patient who has sustained an	3 this patient in the recovery room?
4 intraoperative complication, such as bleeding, as	4 A. No.
5 compared to one who didn't sustain it.	2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2
P	Page 34 Page 36
1 MR. JACKSON: I'll object, but you	I transesophageal echoes. Do you regularly use
2 may answer if you can.	2 those in the recovery unit on a heart patient?
3 A. No.	3 A. Not regularly. Intermittently.
4 Q. All things being equal, given the	4 Q. Do they have a TE, portable one on the
5 complication that Mr. Long sustained	5 floor?
6 intraoperatively, was he at increased risk over	6 A. Uh-huh.
7 the average patient to sustain a postoperative	7 Q. That's a yes?
8 complication, such as a bleed at a suture site?	8 A. Yes.
9 A. Idon'tthinkso.	9 Q. And do you need a special technician to
0 Q. Is it your routine, doctor, that after you	0 operate that or can nurses or doctors?
1 operate on the patient to go to their bedside	1 A. In-house doctors can do it.
2 sometime in early evening to see how they are	2 Q. You say house doctors?
3 doing?	3 A. In-house doctors are available to do that.
4 A. Yes.	4 Q. Okay. When you suspect a patient is having
5 Q. Doctor, you have had strike that.	5 an intraoperative bleed around the suture site in
6 Do you recall sitting down with Dr.	6 a heart patient, is that generally the first
7 Muellbach or any of the nursing staff to review	7 diagnostic test you would turn to, a TE?
8 the vitals contained in Mr. Long's postoperative	8 A. No.
9 recovery flow sheets?	9 Q. Tell me what would be.
0 MR. JACKSON: What point in time are	10 A. Reexploration.
1 you talking about?	1 Q. That means take him back to the operating
2 MR. BECKER: Within days after this	2 room and open up his chest?
3 serious complication.	23 A. Yes.
4 A. No.	24 Q. And as far as physical location between the
5 Q. Doctor, as a result of one of your earlier	15 recovery unit and the operating suite, I assume
Vivian L. Gordon, RDR	Page 33 - Page 36

y sources

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1 they are very close?	-	A. Absolu	
2 A. Yes.			ouldn't want a decision to be made by
3 Q. In terms of minutes, how long would it take		3 a junior res	ident or a chief resident?
4 to transfer a patient from the recovery unit to	4	A. No.	
5 the operating suite?			act, they would make you very
6 A. Physically wheeling through the space?			you found out that they took one of
7 Q. Right.		• •	ts back without calling you?
8 A. Five minutes.		B A. Yes.	
9 Q. Okay. And as far as organizing a surgical 10 teem anywhere from 7:00, 8:00, 9:00, 10:00 p.m.	at 10) to take the	did call you, and you advised them patient back, would you come back for
11 night, would that take some time or would they			or would you expect them to do that?
12 generally be available?			d depend on the situation.
13 A. They are available.		-	ve done both?
14 Q. Can you give me an idea as to how often		A. Yes.	
15 strike that.			at home or gotten in the car and
16 Why is it that you would simply crack his			to the hospital?
17 chest, the patient's chest rather than utilizing a		7 A. Yes.	
18 TE, if you suspect a bleed?		-	ellbach, did he finish his one year
19 A. Because we found TE is a very poor		9 of residenc	y here?
20 prognosis for tamponade, very poor diagnosis for) A. Yes.	
21 tamponade.			your practice, doctor, to order by
22 Q. Okay. When did you come to that			anding order in your heart patients to
23 conclusion?			1 PTT checked?
24 A. A decade ago .		4 A. No.	49
25 Q. If you had a resident that was managing		5 Q. Why no	
	Page 38		Page 40
1 someone postoperatively and if they had the			re notoriously inaccurate after
2 slightest suspicion that a cardiac tamponade was		2 cardiacsurg	
3 going forward or occurring, you would expect th			here was a postoperative order to
4 to just immediately take the patient to the		-	ong systolic's blood pressure less than
5 operating suite?		5 100.	
6 A. No, they would call you.		6 A. Yes.	
7 Q. They would call you?8 A. Yes.			we touched on that before. Once was the reason for that?
9 Q. Hypothetically, they would call you and	9	A. Because	e I routinely keep homografts for
10 what would you say to them?	1() that kind of	blood pressure because of multiple
11 A. I would discuss the problem and if I	1	suture lines	
12 thought that they were tamponading from the			od pressure was permitted to go
13 description, I would tell them to take him back to			there would be an increased risk of
14 the operating room.		4 bleeding?	
15 Q. And what criteria would you be looking for			's not just 100. It's an arbitrary
16 in that discussion with the resident?		6 number tha	-
17 A. Low cardiac output.		-	are to be called regarding a patient
18 Q. Low?		• •	stoperatively and you are home, do you
19 A. Low cardiac output. Low urine output.		•	em or an understanding in place that
20 Q. Anything else?			ant to be called by the senior resident
21 A. Persistent bleeding.		-	d to a nurse or a junior resident?
22 Q. Those are the		•	nybody can call me if it's necessary,
23 A. Those are the main factors.		•	it's a senior resident.
24 Q. Okay. So would it be, you would expect to	2		BECKER: It's 9:00 o'clock.
25 be called, number one?	2	, MR	JACKSON: Do you want to go on,

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1 doctor?	1 fluid?
2 THE WITNESS: Let me see where we	2 A. The pressure within the abdominal cavity
3 are.	3 pushes out fluid?
4 (Thereupon, a recess was taken.)	4 Q. Right. The chest cavity. Not abdominal
5 THE WITNESS: I have ten minutes.	5 cavity, chest cavity,
6 MR. JACKSON Let's go as far as we	6 A. To the best of my knowledge, the pressure
7 can.	7 in the chest cavity is unrelated to the blood
8	8 pressure.
9 (Thereupon, COSGROVE Deposition	$\hat{\mathbf{Q}}$. Is there a general proposition, doctor,
0 Exhibit 5 was mark'd for	10 that a trend towards equalization of CVP to
ll purposes of identification.)	11 diastolic pressure of the Swan Ganz catheter has
12	12 been shown to be indicative of a cardiac tamponade
3 Q. Doctor, I am going to hand you what's been	13 developing?
4 marked as Plaintiff's Exhibit Number 5. And I	14 A. Yes.
15 want to particularly call your attention to the	15 Q. Were you responsible for the development of
16 mean blood pressure. I want you to take a look at	16 that particular theory yourself?
7 that for me.	17 A. No.
8 First of all, would you agree that Exhibit	18 Q. Do you know who was?
9 5 is a flow sheet of the surgical intensive care	19 A. No.
0 unit?	20 Q. How long have you known that theory in
1 A. Yes.	21 chest surgery?
2 Q. I want to call your attention, doctor, to,	22 A. 20 years.
	22 A. 20 years. 23 Q. Five?
3 first of all, the far column. To your knowledge	23 Q. FIVE? 24 A. 20.
4 where it has letters, A through Z, do you know	24 A. 20. 25 Q. 20 years. Do you see any indication here
5 what those letters represent?	
-	Page
1 A. Those are times in which vital signs are	1 on the chart, doctor, where there has been an
2 taken.	2 apparent trend toward equalization of CVP to
3 Q. And just kind of identifies that line?	3 diastolic pressure of a Swan Ganz?
4 A. Yes.	4 A. They were equal, essentially, since the
5 Q. All right. I want to draw your attention	5 time that he came in on reading number A when they
6 to between lines H through M. You agree that	6 were 20 and 17, 18 and 16, 22 and 19.
7 during that period of time, notwithstanding the	7 Q. Okay.
8 administration of pressors, Mr. Long remained	8 A. So from the entire postoperative period
9 hypotensive?	9 they are equal.
0 A. He did.	10 Q. I guess, doctor, and in particular, did I
I Q. Is that consistent with a cardiac	11
2 tamponade, developing cardiac tamponade?	12 A. They seem no more equal to me in H through
3 A. Low blood pressure is, yes.	13 M than they do through A through E or M through R
4 Q. Now, doctor, if a patient has low blood	14 Q. Excuse me. What is it about that period of
5 pressure, will that also have a direct effect on	15 time, let's say, E through M, that points away
6 how much blood is being pumped out of the chest	16 from an intraoperative bleed or the development of
7 tube?	17 cardiac tamponade?
8 A. I am not sure I understand.	18 A. It has a cardiac index that is somewhere
9 Q. If one has low blood pressure, would there	19 between 3 and 2.5.
0 have been a tendency, would there also be a	20 Q. Anything else?
	21 A. Urine output is over 200 cc's per hour.
1 concomitant reduction in flow from a chest tube	-
concomitant reduction in flow from a chest tubebecause of the patient's own blood pressure?	22 Q. At L, line L, what is his cardiac index at
concomitant reduction in flow from a chest tubebecause of the patient's own blood pressure?	22 Q. At L, line L, what is his cardiac index at

1

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1 A. It's certainly compatible with life. The	1 A. Yes.
² next one is 2.5 and the one after that is 2.9 .	2 Q. You said that there is a TE on the floor?
³ Urine output through those times is somewhere	3 A. In the hospital.
4 between 600 and 300 cc's an hour, which is not	4 Q. Not one in the unit
5 compatible with low cardiac output.	5 A. No.
6 Q. Now, the fact that he is on Amicar	6 Q per se? Well, when would you since you
7 A. All patients are on Amicar after surgery.	7 feel that they are not so diagnostic for
8 Q. Can you tell by looking at Exhibit 5 what	8 developing cardiac tamponades, when would you
9 time the Amicar was begun?	9 utilize a TE post-op?
0 A. It looks like it was begun about F.	10 A. If I am concerned about valve function,
1 Q. When do you expect the patient to start to	11 ventricular function.
2 receive the Amicar?	12 Q. Now, what will the administration of
3 A. We give them to him in the operating room	3 Amicar, what effect would that have on the blood
4 and through the procedure into the postoperative	4 coming out through the chest tube?
5 period.	15 A. It may have none. Unpredictable.
6 Q. Is it routine for you to do a chest film on	16 Q. Is it also, is there a risk of clotting
7 a patient after you complete your surgery?	17 around the chest tube from the Amicar?
8 A. Yes.	18 A. Not that I'm aware of.
9 Q. Why?	19 Q. Is it the nurses responsibility when there
 0 A. To look for inflation of the lungs, 1 placement of the nasogastric fube, placement of 	 is bleeding to continually milk the chest tube? A. Even when there isn't.
2 the endotracheal tube, chest silhouette, all the	
3 things we see on chest X-ray.	2 Q. When what?3 A. When there is no bleeding, they milk the
4 Q. Okay. And are you aware that the chest	24 chest tubes.
5 X-ray interpretation, are you aware of what the	25 Q. Why do you want them to do that?
	Page 46 Page 48 Page 48
 postoperative chest X-ray said in this case? A. I can't remember. 	
	2 Q. Have you Written, doctor, on postoperative 3 bleeding in any of your articles?
3 Q. It suggested, I will tell you, sir, it4 suggested that there be another reshoot or another	4 A, Yes.
5 taking of the chest film.	5 Q. The ones that we have spoken to at the
	6 beginning of the deposition?
•	7 A. No.
7 Q. If that is done, when should that be done?8 A. It depends on the reason and what we	8 Q. If you can turn to the CV again, which I
9 interpret the thing to be. The reading is	9 guess is marked as Exhibit 4, and tell us which of
0 generally not done until substantially	10 those numbers reference your comments about
1 subsequently of the taking.	1 intraoperative bleeding, how to manage
2 Q. Can you give me a sense as to the	12 intraoperative bleeding, now to manage
3 percentage of time that you might take a patient	3 postoperative bleeding, and the complication of
4 back for a relook at their chest, not so much you,	4 bleeding and need for an additional surgery?
5 but	15 A. Do you want me to go through all 400
6 A. Reoperation for bleeding at the Cleveland	16 articles to find them? They were written almost
7 Clinic runs about five percent.	17 20 years ago.
8 Q. So one out of 20 patients may be taken back	18 Q. Okay.
9 to surgery within hours after the initial surgery?	19 A. So I would have to go through the whole CV
0 A. Any time afterwards.	20 to find them for you.
1 Q. For a concern about bleeding and around the	21 Q. Is it likely that some of those I'm
2 suture lines?	22 assuming that you have also published in
3 A. Yes.	23 textbooks?
4 Q. Okay. Can we agree that cardiac tamponade	24 A. Yes.
5 is a life-threatening condition?	25 Q. Okay. And is that subject matter covered

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1 in any particular textbook?	1 A. No.	
2 A. It's all part of the CV. They are all in		e any sense as to whether or not
3 together.		took place towards late evening,
4 Q. If you could just focus in on the textboo	-	? You don't have a sense as to the
5 that might save us some time.	5 time?	
6 MR. JACKSON Your question		nree years ago now and I frankly
7 specifically is?	7 can't remember	r the time I was called.
8 Q. My question is, which of the textbook		ou recall the doctor telling you?
9 publications	9 A. I don't rem	
10 A. They are all intermixed. I would have to		as obviously concerned because he
11 go through the whole thing for you, if you lil		rect?
12 Q. No, but I just	12 A. Yes.	
13 MR. JACKSON: Let me ask this,		uld it be fair for me to conclude
14 Mike. It locks like from looking at your	r 14 because he call	ed you and what you have already
15 notes, you are getting closer to the end.	15 told us about th	ne procedures as to when you expect
16 If there is a possibility to	1	at you made the decision at home
17 complete this within the next couple	117 that the patient	should not be taken back to the
18 minutes and that's okay with you, I wou	Ild 18 operating room	?
19 like to get it done.	19 A. No, I made	the decision he should go back
20 MR. BECKER: Off the record.	20 to the operating	groom and I came in.
21 (Thereupon, a discussion was had of	ff 21 Q. When did y	you come in?
22 the record.)	22 A. I came in f	or the reoperation.
23 MR. BECKER: I prefer to close it		here after his at what point
down now and get you on your schedule		on did you arrive in the operating
25 we will reconvene and I suspect the time	-	
*	Page 50	Page
1 that I will need next time will be less	e l	d been put on the table.
2 than 35 minutes.		name appear in the operating
3 MR. JACKSON: Is that your	3 suite?	name appear in the operating
4 preference?	4 A. I don't kno	M 7
5 THE WITNESS: It's not my		ppear in the operating suite,
	6 if, in fact, you	
6 preference.	7 A. Yes.	were present?
7 MR. JACKSON Can we finish it		and for him?
8 today? Do you want to try it?	8 Q. What did y	
9 THE WITNESS: Yes.		st of his operation.
10 (Thereupon, a discussion was had of		did you find at the time of
11 the record.)	11 getting in to the	÷ ·
12 (Thereupon, a recess was taken.)		was hypotensive. We
13 Q. I want to establish whether or not you w		n, He became hypertensive. He was
14 ever called the night of the surgery by anyon		the distal suture line and I sutured
15 A. Yes, I was.	15 it.	11
16 Q. Who were you called by?	-	ll me one way or the other as to
17 A. Dr. Muellbach.		vas evidence of cardiac tamponade at
18 Q. Okay.	· · ·	pened up his chest?
19 A. As I remember, it was Dr. Muellbach.	19 A. I can't.	
20 Q. What time were you called?		what you were told.
21 A. I don't remember.	21 A. I can't tell	
	1	414
22 Q. What was the reason you were called?	22 recollection in	-
	1	ou choose to come in for this
22 Q. What was the reason you were called?	f 23 Q. Why did ye 24 reoperation rat	-

we down loop

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1 worried about bleeding, I come in.	1 tubes were not draining adequately to start with
2 Q. I thought we established earlier, doctor,	2 or that we had a new bleeding situation.
³ there are some cases that you let the senior	3 Q. Now, apparently the nurse that was in
4 resident do the surgery?	4 charge of this person was a fairly new nurse at
5 A. There are.	5 the Clinic. She testified that she was in her
6 Q. Why was it in this case, sir, that you	6 orientation at the time she rendered care to <i>Mr</i> .
7 chose to come back to the hospital?	7 Long.
8 A. Because I had a high enough level of	8 If a nurse is within her orientation
9 anxiety about it that I came in.	9 period, would you expect her to be monitored by
0 Q. Should there be any document generated,	10 another nurse?
1 either by you or Dr. Muellbach or anyone else on	11 A. Yes. There is a head nurse in each unit
2 this staff as to what time you were called and	12 that oversees the whole unit.
3 what time you arrived in the hospital?	13 Q. And can you tell by what's been marked as
4 A. Should there be?	14 Exhibit 5, who the head nurse was at this time?
5 Q. Yes.	15 A. No.
6 A. No.	16 Q. At the top of Exhibit 5, there are a number
7 Q. Okay. Do you have a recollection Dr.	17 of in the middle section of Exhibit 5, there
8 Muellbach called you from home, from his home?	18 are a number of letters, A through F. Can you
9 A. I don't know where he called me from.	19 tell me what those are for?
0 Q. Okay. How long would it take you in terms	20 A. Those relate to infusions, intake, down
1 of minutes to leave your home and arrive in the	21 here.
2 operating suite?	22 Q. But does it signify the person that did the
3 A. 20 minutes.	23 infusion?
4 Q. In the immediate post-op period, how much	24 A. No.
5 CT drainage is acceptable per hour?	25 Q. Help me out. What does it mean?
Page	
1 A. Generally well, it depends on the	1 A. It means the type of drug. B, for example,
2 operation.	2 would be cardiac output. SNP would be sodium
3 Q. Let's stay with an aortic valve minimally	3 nitroprusside.
4 invasive surgery where there was an intraoperative	4 Q. And what would the D and E be?
5 complication of a suture bleed.	5 A. Ican't readthem.
6 A. Well, I am not sure I have enough	6 Q. What would A be?
7 whether a complication of an intraoperative	7 A. Buratrol.
8 suture? It depends upon how the patient is	8 Q. Now, doctor, if you see blood drainage from
9 hemodynamically. It depends upon the type of	9 the CT tube in a patient post aortic valve
0 operation that I have done, what my expectations	10 replacement, and the drainage started at 50 and
1 are.	11 increases up to 250, would you consider that a
2 It's not just an acceptable amount. Zero	12 concerning or alanning sign?
3 is acceptable. More than that we don't want to	13 A. It's something to watch.
4 see.	14 Q. Now, would you expect your senior resident
5 You know, it is a judgment as to the	IS first of all, would you expect the nurse to
6 particulars of the situation.	16 contact a senior resident between H and M if the
7 Q. Would you expect the drainage to decrease	17 blood pressure remained below 90, notwithstanding
8 over the hours?	18 the administration of two pressors and the
	19 increase titrating of those pressors?
YA YPS	20 A. Well, there were two people at the
9 A. Yes. (0, 0) And not increase?	
0 Q. And not increase?	
0 Q. And not increase? 1 A. Yes.	21 bedside. One notified and one at the bedside.
 i0 Q. And not increase? i1 A. Yes. i2 Q. And in fact, if you see an increase in the 	21 bedside. One notified and one at the bedside.22 Dr. Yared is a staff doctor and Dr. Muellbach was
 Q. And not increase? A. Yes. Q. And in fact, if you see an increase in the 3 amount of fluid coming from the chest tube, what 	 21 bedside. One notified and one at the bedside. 22 Dr. Yared is a staff doctor and Dr. Muellbach was 23 advised.
 i0 Q. And not increase? i1 A. Yes. i2 Q. And in fact, if you see an increase in the 	21 bedside. One notified and one at the bedside.22 Dr. Yared is a staff doctor and Dr. Muellbach was

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1	A. Correct.	-	ly did because the drug got
2	Q. He doesn't	2 started.	
	A. He is an intensivist.	3 Q. Whichdrug?	
4	Q . Should his responsibility include	4 A. Epinephrine.	
	postoperative bleeding?		om the surgical department
	A. No.		t simply gave a verbal order,
7	Q. What is your understanding of what Dr.		appointed in that particular
	Yared's role to be in a post-op patient?		ning to see the patient?
	A. He mostly manages the anesthesia aspect of		
	things.	0 completely.	
	Q. Why would anesthesia be seeing this patient	Î	he decision to come see and
	roughly at 8:00 o'clock?		e patient back, would you tell
	A. There is an anesthesiologiston duty anyhor		
	in the intensive care unit.	4 A. No.	- 0-7
	Q. Okay. And help me out. Why would		ormally tell them get him ready,
	anesthesia see a patient after the surgery?		the chest, get everything ready
	A. They always see them.		and do everything I have to do;
	Q. But	8 fully prepare the p	· ·
	A. He is an intensivist who works in the		tell them to go ahead and
	intensive care unit and sees the patients.		as coming in; to go as fast as
	Q . My understanding of an intensivist is that	1 they could.	
	he is a specialized physician responsible for		fference between Dr.
	critical care of a patient, all aspects of	-	r. Muellbach as it was in August of
	critical care.	4 1996?	. Which is it was in rugust of
25	Would you agree with that?		r resident and one is a chief
1	A. Yes.	Page 58 1 resident.	Page 6
			ing the invior?
	Q. So let's go back to my question. I think the answer would be yes, you would expect a n	urse 2 Q. Hernandez bei 3 A. Yes.	mg mejumor?
	to contact somebody given those low blood		ash waan't in have between
	pressures, notwithstanding the administration of		ach wasn't in-house between a., shouldn't Dr. Hernandez have
	the pressors and continued titration of those		ne in and see this patient
	pressors?		9:30 p.m., if he was, in fact,
	A. Yes.	8 in-house?	- was in house
	Q. Would you expect to have been contacted	9 A. Dr. Hernander	
	between 8:00 and 9:30 given those blood press		have come to see the patient
	and what it took by way of administration, not		
	only of those pressors, but albumin		and which is 9:30? It would
	administration?	3 be I and	
	A. Yes. And I can't say that I wasn't	4 Q between H a	
	contacted. I don't remember.		probably should. And I am not
	Q. Well, if you were contacted, isn't it	6 sure whether he di	
	routine, based on your experience, that it would	_	e sure I understand what you
	be reflected in the chart that you are contacted?		obably should have come to see
	A. No. It's definitely not routine.	9 the patient at beds	nde?
	Q. Would you expect someone from the surgio		
>1	service to actually come and see the patient,		lvantage I am not trying to
	given those blood pressures that were going on	12 be cute here but y	what is the advantage to a
2!		· · · · · · · · · · · · · · · · · · ·	-
22 23	between H and M?	B surgeon to actuall	y make a physical assessment of
22 23 24		B surgeon to actuall	y make a physical assessment of listening to a nurse delineate

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¹ What's the advantage to the surgeon of	-	1 a patient? How does one go about calculating?
2 being able to come in and actually eyeball the		2 A. You take 10 cc's of saline and you inject
3 patient?		3 it and get a curve for the area and you calculate
4 A. You can assess the level of perfusion is		4 the area under the curve and you, from that, get
5 one thing. There is about 100 other things that		5 cardiac output. And this is only obtained when
6 we get the opportunity to do.		6 somebody injects 10 cc's of saline in order to get
7 Q. It's much better to make a personal		7 that.
8 assessment than try to do it over the phone?		8 Q. Would it be a nurse or resident that would
9 A. Yes.		9 be doing this?
0 Q. Now, he was given albumin?		10 A. Nurse.
1 A. Yes.		11 Q. And if there was an error in the cardiac
2 Q. Based on your interpretation of the chart,		12 output in her calculations?
3 why was he given albumin?		13 A. The calculation is made by a machine.
4 A. Because his hematocrit was in his mid 30's		14 Q. So what, there are certain data put into
5 and we generally don't transfuse people until the	ey	15 the machine by the nurse, correct, for a cardiac
6 get in the low 20's.		16 output?
7 Q. What is the effect of albumin on one's		17 A. You know, you inject into a thermodilution
8 blood pressure?		18 catheter. It reads it automatically and gives you
9 A. Per se, it has no effect on blood pressure.		19 a number on the cardiac output machine.
0 Q. Well, would it have an indirect effect on		20 Q. In other words, there is no chance for
1 blood pressure?		21 error in the nurses running this particular
2 A. It can raise blood pressure if you are		22 maneuver; correct?
3 hypovolemic. As can any volume replacement.		23 A. The nurse reads what is off the machine.
4 Q. And packed red blood cells can also raise		24 Q. That's it?
5 blood pressure when it's hypovolemic; correct?		25 Do you have an opinion, doctor, in terms of
	Page 62	Page 64
1 A. Yes.		1 probability as to what was the source of the cause
2 Q. Now, doctor, did you note on Exhibit 5		2 of Mr. Long's drop in blood pressure between H and
3 under the pulmonary artery column that it's not		3 M?
4 continuously charted after I understand that		4 A. It was systemic vascular resistance.
5 there is a clerical error in L and M. That's what	t	5 Q. What does that mean?
6 has been testified to, to be fair with you, by a		6 A. SVR. It's charted right here and that's
7 nurse; that there was a clerical error on line L		7 why we started the Levophed. He was vasodilated.
8 and M under pulmonary artery.		8 Q. What did he come in with, SVR. 5597
9 Do you expect pulmonary artery to be		9 A. What did he come in with?
0 continuously charted by your nurses?		10 Q. Yes. Into the recovery unit. 559, that
1 A. Yes.		11 number?
2 Q. Okay. And why do you want that?		12 A. 955 .
3 A. The same reason we want everything else		13 Q. At D he is 579?
4 charted.		14 A. Yes.
5 Q. And do you expect the cardiac output to be		15 Q. Okay.
6 continuously charted by your nurses?		16 A. Those are all about half of normal.
7 A. No. Intermittently.		17 Q. Doctor, Chris Long talked to a nurse by the
8 Q. Why do you make a distinction between		18 name of Pam Marinelli who told him that
9 cardiac output and pulmonary artery readings?		19 intraoperatively his dad's heart wasn't pumping
0 A. Because cardiac output is an intermittent		20 consistently a lot of blood, but occasionally
1 measurement, There is no continuous cardiac		21 would shoot up very high.
2 output currently available.		22, A, is that true and, B, if so, what is the
3 Q. Is cardiac output something that you can		23 significance of that?
4 assess by doing some calculations or is it		24 A. I don't understand what you are asking me.
5 immediately observable by looking at a machine	e on	25 Q. I am reading a quote to you. You don't

DELQS M. CQSGROVE, M.D.	CondenseIt! [™] FEBRUARY 16, 19
1 understand that?	Page 65 Page
2 A. I don't understand.	1 also done 14,000 heart operations.
	2 Q. Okay. But it was just said that way
3 Q. Apparently Mr. Long was on the heart/l	
4 machine for 143 minutes. Is that an abnorn	•
5 long time to be on a heart/lung machine?	5 A. Right, and it may or may not be due to a
6 A. Depends on the procedure.	6 suture pulling through.
7 Q. For someone	7 Q. Okay. In the postoperative period with an
8 A. Because I had to go back a second time,	8 aortic valve replacement patient who has minimally
9 that's longer than average.	9 invasive surgery, would you expect the pulmonary
0 Q. Of the signs or symptoms that we talked	
1 about for diagnosing postoperative bleed, is	
2 any one you talked about, we talked abou	
3 pressure, we talked about urine output and v	
4 talked about a number of different condition	5
5 Is there any one that is more critical to	15 A. No, it comes down over time.
6 you than the other in your ultimate	16 Q. Time being 10 to 12 hours or a day?
7 decision-making process as to when you are	
8 back in and reoperate?	8 maybe a matter of weeks or months.
9 A. No, it's a constellation.	9 Q. Mr. Long's postoperative chest film was
0 Q. Why wasn't Mr. Long at increased risk	
1 have a post-op complication given the fact th	
2 had an intraoperative complication upon bei	
3 hooked up to the taken off the heart/lung	23 interpretation?
4 machine?	?4 A. Not verymuch.
5 A. I am not sure I understand your question	Provide Provide <t< td=""></t<>
	Page 66 Page
1 Q. The fact that Mr. Long had an	1 bleeding around the heart?
2 intraoperative complication	2 A. Yes. As could a normal chest X-ray.
3 A. Intraoperative bleeding.	3 Q. Your radiology department recommended a
4 Q intraoperative bleeding, a complication	n 4 repeat of that film. Who is responsible within
5 where a suture actually pulled through, are y	
6 telling me here today that that should not ha	ve 6 repeated?
7 played any fact in the resident, junior or chi	ef 7 MR. JACKSON: You have been through
8 resident's decision as to whether this patient	8 this already.
9 needs to be taken back to surgery, that	9 MR. BECKER I don't think so on
0 intraoperative complication of bleeding?	0 that question. I know on that subject I
1 A. I don't think the intraoperative	1 have.
2 complication should, you know , be a factor.	What 2 A. It depends on why they did it. I don't
3 you do is you judge people on how they are	
4 I have intraoperative complications	4 was technically a problem or recognized that
5 regularly and they may do very well afterwa	
6 They may not do well, but it's totally	6 depends. If it is technically a problem, they
7 independent.	7 redo it.
8 Q. But if you are leaving the hospital, for	8 Q. Okay. And if they are concerned there
9 example, have you ever said to someone ma	· · · · · ·
 one of your patients, a resident, chief or juni 	
1 that we had a problem with this guy, we bet	- ·
2 watch him very closely?	2 Q. Now, is the house officer the same as a
3 MR. JACKSON: I am going to object	2 Q. How, is the house officer dE same as a 23 junior resident?
	24 A. Yes.
5 A. If I ever did? I have said that. I have	25 Q. Would you routinely, yourself, ever look at

1.

⁷ EBRUARY 16, 1999	Condense	<u>belt</u> [™] <u>DEL</u> OS M.COSGROVE, M.D.
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1 a patient's post-op chest film?	Ι	cases. We are trying this case.
2 A. If it's done by the time that I make	2	Allegations, what they may be in any other
3 rounds, yes.	3	
4 Q. Would it be up on his floor in the recovery	4	here.
5 unit?	5	MR. BECKER: If it's analogous, I
6 A. It's beside the bed.	6	
7 Q. Can you give me an estimate as to how long	7	instructing him not to answer?
8 it should take in terms of minutes from once a	8	
9 surgeon at the bedside decides that we need to	9	
0 operate on this patient again until the time that	10	
1 they are able to get in and have access to his	11	the Cleveland Clinic with those
2 heart in terms of minutes?	12	
3 A. You generally can do it in 20 minutes.	13	
4 Q. Do you have an opinion, doctor, that had	14	7
5 Mr. Long's chest been cracked open and been a	15	
6 relook surgically by 10:00 p.m. whether or not	16	
7 bleeding would have been observed?	10	that question.
8 A. No.		<i>Q</i> . It relates to you, doctor, but not only
9 Q. You don't have an opinion one way or the		directly against you, but as to your residents or
0 other?		surgeons or senior, junior resident, as well.
1 A. I don't know.		A. I have no other cases.
2 Q. What did you expect the homograft valve		Q. Okay. And you are not aware of any past
3 replacement to do to Mr. Long vis-a-vis his		cases where there has been an allegation by anyone
4 anticipated life expectancy?		that either ajunior or a senior resident or some
5 A. Prolong it.		other attending other than yourself failed to
	Page 70	Page 72
1 Q. Ten, 20 years?		timely respond to a situation suggestive of
2 A. I am not an actuarial. I can't testify.		bleeding and timely took the patient back to the
3 Q. Okay. If one has a homograft, should that	3	operating room?
4 homograft be good for at least ten years before	4	MR. JACKSON I will object to
5 you might have to repeat it?	5	that. If you can answer such a question,
6 A. Yes.	6	6
7 Q. Is there anything about Mr. Long's medical	7	A. I am not aware of that.
8 condition and medical history that would tell you	1 8	MR. BECKER: That's all I have for
9 that he would have had a reduced life expectancy	/? 9	you, doctor. Thank you for your time.
0 A. No.	10	MR. JACKSON: He will read it.
1 Q. The issue, doctor, of well, the	11	(Deposition concluded at 10:00
2 allegation, doctor, that a patient postoperatively	12	o'clock a.m.; signature not waived.)
3 had a bleeding complication and that was a delay	/ 13	
4 in the personnel at the Clinic from operating,	14	
5 whether that applies to minimally invasive or	15	
6 traditional surgery, are you familiar with any	16	Delos M. Cosgrove, M.D.
7 other cases, current medical/legal cases either	17	
8 pending or that have been resolved on that same	18	
9 issue?	19	
0 MR. JACKSON: You don't have to	20	
1 answer that.	21	
2 MR. BECKER: Why not?	22.	,
3 MR. JACKSON: Why would he have to	23	
4 answer that? That's not an issue. That's	24	
5 not relevant here, whether there are other	25	
Dago 60 - Dago 72		Virion L. Cordon DD

DELOS M. COSGROVE, M.D.	CondenseIt! [™]	FEBRUARY 16, 199
1 CERTIFICATE	Page 73	
2 state of Chio,)) SS:		
3 County of Cuyahoga.)		
45 I, Vivian L. Gordon, a Notary Public within		
 and for the State of Chic, duty commissioned and qualified, do bareby certify that the within named DELOS M. COSGROVE. M. D. Was by me first duly sworn To testify to the truth, it whole truth and nothing but the truth in the cause aforesaid; that the truthgroup 3.6 shours out forth work by me radued 		
DELOS M. COSGROVE.M.D.Was by me first duly sworn 7 to testify to the truth, the whole truth and		
o ule testimony as above set fortil was by me reduced		
t b otypy, diter transer and that he 9 foregoing is a true and prrect t iption o the testimony.		
10 I do further certify that this deposition		
11 was taken at the time and place specified and was completed without adjournment; that I am not a		
12 relative cc attorney for either party or otherwise interested in the event of this action.		
INWITNESS WHEREOF, I have hereunto set my 14 hand and affiied my seal of office at Cleveland.		
Ohio, on this 18th day of February, 1999.		
16 Vina Jona		
7 Vivian L. Gordon, Notary Public Within and for the State of Ohio		
18 My commission expires May 22, 1999. 19		
20		
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Vivian L. Gordon, RDR	<u>_</u>	Page 73 - Page 7

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