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IN THE COURT OF COMMON PLEAS IN THE STATE OF OHIO  
IN THE COUNTY OF CUYAHOGA

LARITA DUNHAM, BY AND THROUGH )  
HER HUSBAND AND LEGAL GUARDIAN, )  
DANIEL DUNHAM, ET AL., )  
Plaintiffs, )  
vs. )  
METROHEALTH MEDICAL CENTER, )  
Defendant. )

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No. 385735

Deposition of BRUCE L. FLAMM, M.D.,  
taken on behalf of Plaintiffs, at  
10445 Victoria Avenue, Riverside,  
California, beginning at 5:05 p.m.  
and ending at 7:00 p.m. on Thursday,  
June 8, 2000, before JENNIFER D.  
BARKER, Certified Shorthand Reporter  
No. 12168.

1 APPEARANCES:

2

3 For Plaintiffs:

4 KAMPINSKI & MELLINO  
5 BY: LAUREL A. MATTHEWS  
6 Attorney at Law  
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8 Cleveland, Ohio 44113  
9 (216) 781-4110  
10 (Telephonic appearance.)

11 For Defendant:

12 ULMER & BERNE  
13 BY: LAWRENCE F. PESKIN  
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WITNESS

EXAMINATION

BRUCE L. FLAMM, M.D.

BY MS. MATTHEWS

5

EXHIBITS

(None)

1 Riverside, California, Thursday, June 8, 2000

2 5:05 p.m. - 7:00 p.m.

3

4 BRUCE L. FLAMM, M.D.,

5 having been first duly sworn, was examined and testified

6 as follows:

7

8 EXAMINATION

9 BY MS. MATTHEWS:

10 Q Doctor, my name is Laurel Matthews. I  
11 represent Larita Dunham, and as you know we are doing  
12 this by phone because I couldn't get there, and I also  
13 can't see what you have in your file. So if you would  
14 be so kind as to tell me what your file consists of.

15 A Okay. Let me briefly go through it. I have  
16 the medical records from the care of Larita Dunham from  
17 the January 1999 admission. I also have records from  
18 her prenatal care from this pregnancy, and then I have  
19 quite a few depositions. Do you want me to actually  
20 read off the deposition file?

21 Q Yeah. If you could read the last names of the  
22 deponents, that would be great.

23 A Joshi, J-o-s-h-i; Smith; Ashmead,  
24 4-s-h-m-e-a-d; Honaker, H-o-n-a-k-e-r; Andreani,  
25 A-n-d-r-e-a-n-i; Spergel, S-p-e-r-g-e-l; Weight

1 W-e-i-g-h-t; Bachman, B-a-c-h-m-a-n, and also  
2 Ramanatham, R-a-m-a-n-a-t-h-a-m, and let me see if there  
3 are any others. There is also the deposition of, last  
4 name is Shubeck, S-h-u-b-e-c-k and Sibula, S-i-b-u-l-a.

5 And then I have some reports. I have the  
6 report of John Conmy, C-o-n-m-y; William Berger,  
7 B-e-r-g-e-r and Dr. Ramanatham, R-a-m-a-n-a-t-h-a-m, and  
8 I think that is the bulk of the material that I have  
9 here. Let me just look one more time. There are some  
10 other miscellaneous medical records that are also in the  
11 folders. I have records from Cleveland Clinic from  
12 August of 1997 and these are all just more medical  
13 records. I think that's basically what I have here.

14 Q Okay. If I'm understanding you correctly, you  
15 have not read the depositions of the family members  
16 Dorothy Moody or the husband Danny Dunham?

17 A I don't see them here in front of me, and I  
18 can't recall --

19 Q Did you read all the depositions that you  
20 listed for me?

21 A I read all of these, yes, I have.

22 Q Did you make any notes when you did that?

23 A No, I did not.

24 Q So there are no margin notes, things like that?

25 A There are no margin notes.

1           Q    Did you make any notes on any of the expert  
2 reports?

3           A    No, I did not.

4           Q    Did you receive any written summaries of the  
5 case from the law firm?

6           A    I don't believe so, no.

7           Q    So I take it then you just have some basic  
8 transmittal letters?

9           A    Yes.

10          Q    Does one of them tell you what they'd like you  
11 to do?

12          A    No.

13          Q    Okay. What is your understanding as to why  
14 they asked you to review this case?

15          A    I'm not exactly sure I understand the question.

16          Q    I'm just wondering what it is you felt you were  
17 asked to review the case to determine?

18          A    I don't know that I can answer that for this  
19 case differently than any other I've reviewed.  
20 Generally, I'm contacted by an attorney and they explain  
21 that they have a medical legal case and they'd like to  
22 know if I'd be willing to look at it and give my  
23 opinions. I don't think there's any difference in this  
24 case.

25          Q    The reason that I ask is you say in your report

1 on page five that you see no evidence of a breach of  
2 standard of care by any of the health care providers,  
3 and I wonder if you were including the anesthesiologist  
4 or if you were commenting as an obstetrical expert?

5 A I don't recall. I wrote this back in December  
6 of '99, and I know that, generally, when I'm asked to  
7 review a case, one of the common things that attorneys  
8 ask me to comment on is anything relating to a breach of  
9 standard of care. I don't remember anything  
10 specifically on me being asked to comment on any  
11 particular people.

12 Q Let me ask you now, are you prepared to comment  
13 on the standard of care for the anesthesia people?

14 A Well, I'm an obstetrician/gynecologist expert,  
15 so probably not.

16 Q Well, because the scope of my questioning of  
17 you will be a lot different if you're saying to me that  
18 you see no evidence of the breach of any standard of  
19 care by any of the health care providers, which is  
20 what the sentence says. If you want to change that  
21 sentence by any of the obstetrical providers, it will  
22 shorten this deposition by about an hour.

23 MR. PESKIN: Let's do that, Laurel.

24 BY MS. MATTHEWS:

25 Q Do you understand what I'm asking you, Doctor,

1 because I have anesthesia questions I can ask you if you  
2 feel there was no breaching of care by the  
3 anesthesiologist, do you?

4 A I can confine my comments to the obstetrical  
5 care.

6 Q Well, that's a different answer. I mean, do  
7 you feel that the anesthesia conduct complies for the  
8 applicable standard of care for the anesthesia people,  
9 or is that something that you don't feel you're  
10 qualified to comment on?

11 A I would say I'm probably not qualified to  
12 comment on anesthesia standards of care.

13 Q All right. Fine.

14 MR. PESKIN: Let's make this even easier and  
15 clear, Laurel. The doctor is not being offered for any  
16 purpose other than to comment on the obstetrical purpose  
17 of this case, and he will not comment on the anesthesia  
'18 care provided.

19 BY MS. MATTHEWS:

20 Q So is it fair that you would rewrite the last  
21 sentence on page five to say I see no evidence of the  
22 breach of my standard of care by any of the obstetrical  
23 providers?

24 A I think that would be fair to say, yes.

25 Q All right. What about the nurses? Are you



1 commenting on the standard of care -- do you have  
2 opinions on whether the nurses met the standard of care  
3 here?

4 A I think that's a reasonable thing to say, yes.

5 Q Okay. So then it's something you do have  
6 opinions on.

7 A Right.

8 Q And what is your opinion?

9 A Well, let me back up just for a minute, because  
10 I want to make something clear since this is a  
11 deposition that's going to become a public document.  
12 I'd be willing to confine my comments to discussing the  
13 care rendered by the obstetrical team and the nurses,  
14 but when I say I don't feel I'm qualified, I don't want  
15 to pigeonhole myself by saying for all future time that  
16 I'm not qualified to comment on anesthesiology, that I'm  
17 not qualified to comment on CRNAs. I'm saying that in  
18 this particular case, I'd be willing to confine my  
19 comments to the care rendered by the obstetricians, the  
20 obstetrical team, which would include the obstetrical  
21 nurses.

22 Q All right. Well, I'll start with that and if I  
23 have a question about anesthesia, we'll see how you  
24 answer it. How about that?

25 A Fair enough.

1           Q   All right. Were you given any policies and  
2 procedures by Metrohealth?

3           A   Let me look through my files here really  
4 quickly and see if I can see them. You know, I don't  
5 see any offhand, but I have sitting in front of me  
6 something on the order of several thousands of pages of  
7 documents. So I would have to answer, I don't know the  
8 answer to that.

9           Q   Do you have any specific recollection of  
10 reading Metrohealth epidural anesthesia for the laboring  
11 patient protocol?

12          A   I don't have any recollection at this moment,  
13 no.

14          Q   Okay. Do you have anesthesia assistants at  
15 your hospital?

16          A   We have CRNAs at our hospital.

17          Q   Do you have anesthesia assistants?

18          A   Not specifically, no.

19          Q   Are you familiar with the scope of practice of  
20 the anesthesia assistant?

21          A   I am from reading the records in this case and  
22 all the depositions.

23          Q   Other than that, are you familiar with the  
24 scope of practice?

25          A   No.

1           Q    So you were not given, to the best of your  
2   knowledge, the epidural anesthesia for the laboring  
3   patient protocol?

4           A    Well, I don't recall at this time. I may have  
5   been given it, but again there are thousands of pages of  
6   documents here, and I don't recall.

7           MS. MATTHEWS: Larry, did you give it to him?

8           MR. PESKIN: Well, I don't think I'm sworn in,  
9   but I can help you out by saying I didn't give him  
10   anything.

11          MS. MATTHEWS: In your transmittal letters in  
12   front of you, is there a transmittal letter that  
13   indicates that he's been sent the Metrohealth protocol?

14          MR. PESKIN: One second.

15          THE WITNESS: I think that's all the letters I  
16   have are those right there.

17          MR. PESKIN: I cannot represent to you that  
18   I've seen the universe of transmittal letters. I can  
19   only see what I can find right here and I don't see  
20   anything that refers to the Metrohealth policy that  
21   you're asking him about.

22          MS. MATTHEWS: All right. Thank you.

23          Q    Doctor, would you agree that one of the  
24   responsibilities of labor-and-delivery nurses is to  
25   assess the level of anesthesia throughout labor?

1           A    Well, I'd have to think about that because the  
2 question could mean so many things. When you say the  
3 "level of anesthesia," if you're talking about whether a  
4 level is T-4 or something on an epidural, absolutely  
5 not, a nurse would almost never do that. If by "level  
6 of anesthesia" you mean to determine if their patient is  
7 comfortable, then the answer would be yes.

8           Q    So do you feel that the standard of care  
9 requires obstetrical nurses to check dermatone levels at  
10 regular intervals?

11          A    No.

12          Q    Do you feel it requires that they document at  
13 regular intervals whether a patient can move their legs?

14          A    I don't think that's required by the standard  
15 of care, no.

16          Q    Is that something that you would expect a nurse  
17 to document?

18          A    Not necessarily, no.

19          Q    You're a fellow of ACOD, correct?

20          A    Correct.

21          Q    And you've also been a conference chairman for  
22 multiple ACOD meetings?

23          A    Correct.

24          Q    Do you consider the technical bulletins to be  
25 accurate and reliable?

1           A    Yes

2           Q    Do you have any involvement in their  
3 publications?

4           A    Well, I've now recently been elected the  
5 chairman of District 9 , section 6 of ACOD, and I just  
6 came back from Washington, DC where I was commenting on  
7 one of the technical bulletins, so I have some input,  
8 yes.

9           Q    Which technical bulletin?

10          A    On vacuum-assisted birth or instrumented birth.

11          Q    I was not given a list of your publications;  
12 however, I did see the majority of your presentations.  
13 Have you published on areas like epidural anesthesia or  
14 spinal anesthesia or anything relating to anesthesia in  
15 laboring patients?

16          A    Well, some of my papers would have had to do  
17 with that, yes.

18          Q    Can **you** give me an example?

19          A    I can give you a couple probably.

20          Q    Okay.

21          A    For example, there was one in 1984, the title  
22 is Vaginal Birth After Previous Cesarean Section  
23 Allowing Oxytocin Augmentation and Epidural Anesthesia,  
24 and we specifically discussed epidural anesthesia in  
25 that paper, and several subsequent papers. I know we

1 have at least discussed epidural as part of the paper.

2 Q All right. Do you have an actual publication  
3 list?

4 A Yes.

5 Q Is that something you could provide to the  
6 attorney sitting next to you?

7 MR. PESKIN: I already have it, Laurel. I'll  
8 send it over tomorrow.

9 MS. MATTHEWS: All right. Terrific. Thanks.

10 Q Doctor, if there are written protocols for  
11 labor-and-delivery nurses, do you expect the nurses to  
12 follow them?

13 A I expect nurses to treat them like guidelines  
14 and use them to help guide their care.

15 Q So are you saying that it's not mandatory that  
16 labor-and-delivery protocols be followed?

17 A I'm saying protocol is a bad choice of words.  
18 Some people call them policies and procedures. The  
19 connotations of policy and procedure or protocol seem to  
20 have the meaning that something you would never deviate  
21 from. My understanding from the intention of all these  
22 documents are that they're guidelines for the best  
23 practices.

24 Q And, therefore, are you saying that it's not  
25 mandatory that the nurses follow written protocols?

1 MR. PESKIN: Objection.

2 THE WITNESS: Well, I can give you an example.

3 In our own hospitals, we have policies and procedures  
4 books, and in many times I found myself doing things  
5 that seem to be contrary to things in the policy and  
6 procedure book. I don't think I was doing anything  
7 wrong. I certainly wasn't breaching the standard of  
8 care. They're just guidelines.

9 BY MS. MATTHEWS:

10 Q Well, you're talking about physicians'  
11 protocols and guidelines?

12 A Actually, our policy and procedure book has  
13 sections that would apply both to physicians and to  
14 nurses.

15 Q Are there policies and procedures regarding  
16 epidural and anesthesia patients at your hospital?

17 A I honestly don't know.

18 Q Well, let me ask my question again. Are you  
19 telling me that you do not believe nurses need to follow  
20 written hospital protocols?

21 MR. PESKIN: Objection.

22 THE WITNESS: I think that nurses need to  
23 practice standard-of-care nursing, and very often the  
24 policy and procedure book or protocol book sends out  
25 hundreds of pages of suggestions, and they're often very

1 good suggestions, but to suggest that a nurse has to do  
2 everything in her daily routine exactly according to  
3 what these huge volumes of material say, no, I don't  
4 agree with that.

5 BY MS. MATTHEWS:

6 Q What if there's a two-page epidural anesthesia  
7 protocol?

8 A Right. My point was not that anesthesia  
9 protocol would be hundreds of pages, but often there's  
10 two pages on epidural and seven pages on oxytocin, and  
11 taken as a whole, as I'm sure you're aware, many labor  
12 and delivery areas will have multiple-page binders with  
13 hundreds of pages of policies and procedures. Again, I  
14 feel that these are guidelines, and if somebody doesn't  
15 happen to do what one of these guidelines says, that's  
16 no indication that they've breached the standard of  
17 care.

18 Q I take it, then, your answer to my question is  
19 no?

20 A Correct.

21 Q Would you agree that applicable state laws  
22 regulating the practice of medicine make up the standard  
23 of care?

24 A Yes.

25 Q Would you agree that institutions' own



1 departmental policies set up a standard for the  
2 institution?

3 A Well, I'm not sure what a standard for the  
4 institution means. My understanding is in the United  
5 States, physicians and nurses have to practice by  
6 standard of care. I don't know that I can answer more  
7 than that.

8 Q Well, do you think that a department's policies  
9 make up part of the standard of care?

10 A I understand what the standard of care is and  
11 there are many factors that go into it.

12 Q Is that one of them?

13 A It could be.

14 Q I mean, that's why they make up policies and  
15 procedures, correct, they want to set standards?

16 MR. PESKIN: Objection.

17 THE WITNESS: My understanding is the purpose  
18 of policies and procedures are to serve as a set of  
19 guidelines to help nurses and physicians practice the  
20 best possible care.

21 BY MS. MATTHEWS:

22 Q Okay. What about orders? Are doctors' orders  
23 guidelines also, or do they have to follow written  
24 orders?

25 A Well, that would depend very much on what the

1 order is.

2 Q Well, let's try, turn off PCA pump once  
3 epidural is placed, is that an order that is to be  
4 followed?

5 A It's one that should be followed, but that  
6 order doesn't say turn off PCA pump within 30 seconds,  
7 after the epidural is placed, and it doesn't say turn it  
8 off within 60 minutes. It says turn it off, and I think  
9 that leaves room for interpretation on the part of the  
10 nurse.

11 Q Well, that's a different question. Do the  
12 orders need to be followed?

13 MR. PESKIN: Objection.

14 THE WITNESS: Well, I think you gave me a  
15 hypothetical example, and I was giving you an answer to  
16 that particular example. Yes, the orders need to be  
17 followed. It would be, in the example you gave me, that  
18 the PCA would have to be turned off, but it would also  
19 imply that the nurse has some judgment as to when she  
20 should turn it off.

21 BY MS. MATTHEWS:

22 Q How about if there is also a written order, **do**  
23 not give any narcotics until the device is discontinued?

24 MR. PESKIN: Objection. Which device?

25 BY MS. MATTHEWS:

1           Q    If there's also that order and a written order  
2   that says do not give any other narcotics or agonist  
3   antagonists until the device is discontinued, is that an  
4   order that should be followed?

5           A    I'm sorry. Could you say that again?

6           Q    If there's a written order that says do not  
7   give any other narcotics, agonist antagonists until the  
8   device is discontinued, that's a pretty clear order,  
9   correct?

10          A    Well, my feeling, having worked with nurses for  
11   25 years now, is that there's usually a little more room  
12   for latitude and interpretation in orders, there are  
13   certainly events where that is not true, but probably in  
14   the majority of cases, there is room for interpretation.  
15   It's not like in the army when someone says, "Do this  
16   now," and you must do exactly what they say right then.

17          Q    Are you telling me that "do not" can mean  
18   something other than do not?

19               MR. PESKIN:  Objection.

20               THE WITNESS:  I think, again, I'd have to have  
21   an example.  I --

22               BY MS. MATTHEWS:

23          Q    I just gave you one.

24          A    Right.  I didn't finish my answer to you.  In  
25   the particular example that you gave me, I'm trying to

1 think of real issues that have come up in my career that  
2 would help me to answer the question. And there are  
3 times when a patient is in pain and the feeling is that  
4 the PCA pump is not functioning properly, that the  
5 patient isn't getting adequate pain relief. In a  
6 situation like that, a reasonable nurse may feel that  
7 it's reasonable to give other medication.

8 Q Even if there's a written order that says don't  
9 do it?

10 A Well, I'm trying to picture a nurse functioning  
11 at a hospital at 3 o'clock in the morning in a  
12 hypothetical example, and a patient is writhing in pain.  
13 Now she has orders that are part of her order set that  
14 say it's reasonable to give such-and-such medication  
15 when the patient is in active labor, and she has another  
16 order such as the example you gave me. I think a  
17 reasonable nurse might make a judgment call in that  
18 case. She may look at the two different orders and say  
19 I, as a nursing professional, feel it's reasonable to do  
20 something here.

21 Q And that's okay with you?

22 A On a case-by-case basis. We'd have to review  
23 each case individually to determine --

24 Q I'm understanding what you're telling me.  
25 Circumstances whereby a nurse could use her own judgment

1 and in a sense, ignore a "do not" order?

2 A Well, I'm saying if a nurse has two different  
3 orders, and this is often very frequently true, there  
4 may be three sets of orders that apply to the same  
5 thing. In a case like that, I feel a good nurse would  
6 use good nursing judgment.

7 Q As opposed to calling the doctor to find out  
8 which is the right order?

9 A Well, sure. There are cases where that would  
10 be the best thing to do, yes.

11 Q Do you agree that all obstetricians should  
12 understand the general principles and techniques of  
13 obstetric anesthesia and the necessary qualifications  
14 for those individuals who administer obstetric  
15 anesthesia?

16 MR. PESKIN: Objection.

17 THE WITNESS: Well, that's a mouthful. I would  
18 agree with some of that. I think obstetricians should  
19 understand the basic principles of obstetric anesthesia.  
20 Beyond that, I'm not sure I would agree with the rest of  
21 what you said.

22 BY MS. MATTHEWS:

23 Q Meaning you wouldn't agree that they need to  
24 know the methods and qualifications for individuals to  
25 administer obstetric anesthesia?

1           A    Meaning, I think you said obstetricians should  
2 understand the techniques, and if I answered yes to  
3 that, that would imply that obstetricians should  
4 understand how to do spinals, they should understand how  
5 to do epidurals, they should understand how to do  
6 general anesthesia. That was like five questions put  
7 into one. That's the way I interpreted that.

8           Q    Do you disagree, then, that obstetricians need  
9 to understand the techniques for obstetric anesthesia?

10          A    Obstetricians need to have a general  
11 understanding of what is going on with OB anesthesia,  
12 but if an obstetrician doesn't perform any of these  
13 techniques, I don't think they need to know how to do  
14 them, no.

15          Q    I was not saying they needed to know how to do  
16 them. My words were simply that they need to understand  
17 the technique.

18          A    I don't think there's any possible way you  
19 could differentiate between understanding the techniques  
20 and being able to do them. You're saying they should be  
21 able to understand the techniques but not necessarily do  
22 them. They need to know how to put a epidural in, but I  
23 don't understand where you're going with that.

24          Q    Basically, you disagree that obstetricians need  
25 to understand the techniques for obstetric anesthesia?

1           A    I believe obstetricians need to have a general  
2 understanding of the entire field of OB anesthesia. I  
3 wouldn't go beyond saying they need to have a general  
4 understanding. There are some obstetricians that do OB  
5 anesthesia.

6           Q    Do you agree or disagree that obstetricians  
7 need to know the necessary qualifications for those  
8 individuals who administer obstetric anesthesia.

9           MR. PESKIN: Objection.

10          THE WITNESS: I don't think so, no.

11 BY MS. MATTHEWS:

12          Q    Do you believe that Dr. Ashmead needed to be  
13 aware of Ohio law and Metro's own policy of who could  
14 administer an epidural?

15          MR. PESKIN: Objection.

16          THE WITNESS: I don't really think so. Again,  
17 I'm trying to think of when you're asking me these  
18 questions of what the standard of care of America for an  
19 obstetrician is, and I'm trying to think of myself and  
20 my colleagues all around the country. I don't think  
21 it's our obligation to investigate those types of  
22 issues.

23 BY MS. MATTHEWS:

24          Q    That's a no then?

25          A    That's a no.

1 Q Would you agree that the nurses on labor and  
2 delivery need to be aware of and follow labor-and-  
3 delivery policies that relate to epidural anesthesia?

4 A With the caveat as I said before, that the word  
5 policy has connotations that I feel are misleading. I  
6 think they have to follow guidelines, yes.

7 Q If a physician or nurse fails to adhere to  
8 state law or to a hospital's own policies, would that be  
9 beneath the standard of care?

10 MR. PESKIN: Objection.

11 THE WITNESS: That's two different questions.

12 BY MS. MATTHEWS:

13 Q If a physician or nurse fails to adhere to  
14 state law, would that be beneath the standard of care?

15 A If the state law was thou shall not murder the  
16 postman, then yes. It would be depend on what the state  
17 law was.

18 Q State law is regulating the practice of  
19 medicine?

20 A I think that's generally true. If a physician  
21 or nurse does not follow the state laws relating to the  
22 practice of medicine, that would be below the standard  
23 of care, yes.

24 Q And if a nurse does not adhere to hospital  
25 policies or the department's own policies, would that be



1     beneath the standard of care?

2             A     No, not necessarily.

3             Q     So would you agree that if the obstetricians at  
4     Metro delegated the administration of anesthesia to  
5     someone who wasn't qualified to give it, that would be  
6     below the standard of care?

7             A     I imagine it would depend on what you mean by a  
8     person not qualified to give it.  If a person that  
9     walked in off the street or from janitorial services,  
10    clearly that would be below the standard of care.  If  
11    they were delegating that job or task to somebody who  
12    was trained to do it, that would be the standard of  
13    care.

14            Q     Well, the question said if it was someone who  
15    was not qualified to do it.

16            A     Yes.  If the person was not qualified to **do** it,  
17    that would be a breach of standard of care.

18            Q     Have you reviewed the Metrohealth job  
19    description for anesthesia assistants?

20            A     I don't believe so.

21            Q     All right.  I'm going to read you something  
22    since I can't show it to you.  Okay?  The job  
23    description for anesthesia assistant, okay?

24            A     Yes.

25            Q     "Number 3 positions patients for spinal

1     epidural or nerve block anesthesia," okay?

2             A     Yeah.

3             Q     Does that say administers epidural to you?

4                     MR. PESKIN:  Objection.  He doesn't have this  
5     policy in front of him?

6     BY MS. MATTHEWS:

7             Q     Well, what does that mean to you?

8                     MR. PESKIN:  Objection.

9                     THE WITNESS:  I'm sorry.  What does it mean to  
10    me?

11    BY MS. MATTHEWS:

12             Q     Yes.  What does that mean to you?

13             A     It would mean to put the patient in a position  
14    or assist in putting the patient in position for that  
15    procedure.

16             Q     All right.  Were you aware that Metro epidural  
17    anesthesia for the laboring patients protocol provides  
18    that epidural anesthesia is to be administered by an  
19    anesthesiologist or a CRNA?

20                     MR. PESKIN:  Objection.

21                     THE WITNESS:  I don't know that I have that  
22    procedure or policy, but again, I would voice the same  
23    concern I've tried to explain several times.  I don't  
24    base my determination of standard of care on policy and  
25    procedure books.  I, many times in my own career, have

1     done things and found in hindsight that the policy and  
2     procedure book said maybe that wasn't what I should be  
3     doing. Often, then, we revise the policy and procedure  
4     book because it is meant to be a guideline.

5     BY MS. MATTHEWS:

6             Q     All right. So if the AA's job description did  
7     not include placing epidurals and if Metro's own policy  
8     did not state that anesthesia assistants could place the  
9     epidural, it would still be okay with you if -- you  
10    think it would still be the standard of care for  
11    anesthesia assistants to place epidurals?

12            A     If that person was properly trained, yes.

13            Q     Are you aware that the forms at Metro Hospital  
14    contained a space for nurses to document a neurologic  
15    assessment?

16            A     I'm sorry. Which form was that?

17            Q     The nursing form, the nurses flow sheets?

18            A     For labor and delivery?

19            Q     Yes.

20            A     I can take a look at those if you want.

21            Q     Yes, please.

22            A     Are you talking about the obstetrical flow  
23    sheet or another form?

24            Q     Obstetrical flow sheet.

25            A     Okay. I'm looking now at obstetrical flow

1 sheet from 1-20-99. Is that the example that you're  
2 talking about?

3 Q Yes, and it's a four-part form.

4 A Right.

5 Q Now, do you see where it says across the top  
6 "cardiorespiratory," "fetus assessment," "vaginal exam,"  
7 and then "neuro," correct?

8 A Hold on a second. I'm not sure I'm on the same  
9 place as you. Okay. I just opened it up, it's like a  
10 four-page, fold-out obstetrical flow sheet, and I do see  
11 what you're talking about, yes.

12 Q Do you see that that's blank?

13 A Yes.

14 Q Why is there a column entitled neuro with a  
15 subcategory that says "lower extremity right and left"  
16 on the flow sheet?

17 A Well, on this particular sheet, it looks like  
18 there's dozens of columns. Some of them might be  
19 appropriate for a particular patient. For example,  
20 pupil size is not commented on, and I wouldn't expect it  
21 to be. In 25 years of delivering babies, I've never had  
22 one of my OB nurses document pupil size on any of my  
23 patients.

24 Q Except maybe after they arrested.

25 MR. PESKIN: Objection. Is that a question?

1 MS. MATTHEWS: No.

2 Q I'm asking you why lower extremities is on  
3 there, if you know?

4 A I'm just looking at the form now to see exactly  
5 all the things that are on here. I think it's probably  
6 pretty much the same answer I just gave. There are many  
7 things on here that, if appropriate, if the nurse felt  
8 were appropriate to code or chart, for example, scalp  
9 PH, that might be with some patients charted and others  
10 not. So on down the line, "dressing," I assume that  
11 means like perhaps a wound dressing. If a patient  
12 doesn't have a wound dressing, there would be no reason  
13 to chart that. It's probably a judgment call.

14 Q But if there was a policy that says the nurse  
15 is supposed to assess the level of anesthesia throughout  
16 labor for patients with an epidural, that would be the  
17 column where the nurse would document their assessment,  
18 correct?

19 MR. PESKIN: Objection.

20 THE WITNESS: No not at all. Our hospitals use  
21 similar forms like this that have flow sheets. Very  
22 often if the nurse finds something relevant, she will  
23 write it in her progress note. Very often if you find  
24 nothing, she won't chart anything at all.

25 BY MS. MATTHEWS:

1 Q Did the nurses for Larita document anything at  
2 all about her neurologic status throughout labor?

3 A I don't know. I would have to review all of  
4 the nursing notes.

5 Q Is that something you haven't done?

6 MR. PESKIN: Objection.

7 THE WITNESS: I have done that. I've looked  
8 through the entire chart. I've looked through thousands  
9 of pages of records, and that does not mean that I've  
10 memorized them or I can answer specific questions.

11 BY MS. MATTHEWS:

12 Q So you're telling me now that you don't know?

13 A That's correct. I would have to look at all  
14 the nursing notes to see what they documented on that  
15 subject.

16 Q That wasn't something you did in your review of  
17 this case that you thought was important; is that  
18 correct?

19 MR. PESKIN: Objection.

20 THE WITNESS: No, it's not correct, and I don't  
21 even think I meant to imply anything of the sort.

22 BY MS. MATTHEWS:

23 Q All right. Would you expect the nurses who  
24 cared for Mrs. Dunham to do neurologic assessment after  
25 the epidural?

1 MR. PESKIN: Can you define what you mean by  
2 "neurologic assessment"?

3 MS. MATTHEWS: Any kind.

4 THE WITNESS: Well, again, I'm trying to get  
5 back to the issue of standard of care, what reasonable  
6 nurses would do in a similar situation, and across  
7 America my understanding is nurses aren't doing routine  
8 neurologic checks, no.

9 BY MS. MATTHEWS:

10 Q So that's not something you think is the  
11 standard of care for nurses?

12 A Well, I think if it's something out of the  
13 ordinary, that's very different. If a patient has a  
14 problem, then yes, that would be part of nursing care to  
15 assess the problem, but do I think that nurses have to  
16 go moment by moment and check on their patient's bowel  
17 functions, their bladder functions or neurologic  
18 function and moment to moment chart all these things,  
19 no. Nurses are trained professionals and they should  
20 evaluate what they feel is relevant.

21 Q Well, that's well and good and I don't want to  
22 be rude, but don't you think that neurologic assessment  
23 in patients with epidurals are relevant?

24 A Well, again, that would have to do with what we  
25 are talking about. In other words, if a provider places

1 an epidural, neurologic assessments are important. That  
2 provider will often do neurologic assessments, they'll  
3 try to determine levels, they may use sensational or pin  
4 prick, but I thought you were asking me about the labor-  
5 and-delivery nurse.

6 Q I was. Doctor, do you expect labor-and-  
7 delivery nurses to know how to monitor dermatone levels?

8 A I don't know that most L&D nurses do that, no.

9 Q Do you expect them to know how to monitor  
10 whether a patient is able to move their legs?

11 A Yes, I would expect the nurse to be able to  
12 tell that.

13 Q Are these things that you expect labor-and-  
14 delivery nurses to check in the course of a patient's  
15 epidural anesthesia?

16 A If they felt it was relevant.

17 Q When wouldn't it be relevant?

18 A Well, I practice OB at this time, and I take  
19 calls at least once a week, so I can answer that very  
20 directly on the way medicine is practiced today. Very  
21 often a patient will have an epidural, if the baby looks  
22 okay on the monitor, if the mother is doing well, then I  
23 don't think there's any reason to evaluate whether or  
24 not the patient is moving her left leg well or not, that  
25 would be a pretty irrelevant thing. I think most nurses



1 would probably agree with that.

2 Q How do you know -- determine the person is  
3 doing well if you don't know if they can move their  
4 legs?

5 A When I say doing well, I mean in a typical  
6 labor progressing well, the cervix is dilating and  
7 effacing.

8 Q Do you think it is the anesthesiologist's job  
9 to monitor the level, meaning dermatone level, spinal  
10 level of an anesthesia?

11 A I would believe that it would fall more into  
12 the purview of the anesthesiologist than a labor-and-  
13 delivery nurse.

14 Q If I'm understanding what you've said already,  
15 are you saying it would fall entirely in their realm?

16 A I guess what I'm saying is it would depend if  
17 there was any type of problem developing. If the  
18 patient seems to be comfortable, is not having any  
19 problems, then I don't know that anybody needs to be  
20 doing any type of meticulous monitoring of dermatones.  
21 I know **we** don't do that in our hospitals.

22 Q Well, how do you know if a patient is  
23 developing a problem if you don't do any type of a test?

24 A What type of problem?

25 Q Well, you're the one that said not developing

1 any problems, like developing a high spinal.

2 A How would you know if a person was developing a  
3 high spinal? There are several warning signs.

4 Typically, the patient will say that she is having  
5 trouble breathing, that's one of the first warning  
6 signs. If a patient with an epidural were saying that  
7 she was having trouble breathing, now that would be a  
8 more relevant time for a nurse to check dermatomes or to  
9 call someone who could help with that.

10 Q Any other times?

11 A If a patient is feeling a heavy sensation in  
12 their chest, that could be a warning sign of a high  
13 spinal. If they're feeling pressure in their chest,  
14 that could be a sign of a high spinal. If they're  
15 having trouble moving their upper extremities, that can  
16 be another sign. So these are the types of things that  
17 a reasonable nurse, if she sees these particular things,  
18 might at that time want to further evaluate the patient  
19 or call somebody to do so.

20 Q So in other words, **if** I'm understanding you  
21 correctly, if the patient tells the nurse they're having  
22 some kind of a problem that might be consistent with a  
23 high spinal, you then feel the nurse should do a  
24 neurologic assessment; is that correct?

25 MR. PESKIN: Objection.

1 THE WITNESS: I think if the patient tells the  
2 nurse something that could be indicative of the high  
3 spinal, than the nurse should take some type of action,  
4 yes. Not necessarily herself evaluate the dermatone.

5 BY MS. MATTHEWS:

6 Q What is Larita's baseline blood pressure,  
7 Larita Dunham?

8 A I'd have to look through all the blood  
9 pressures.

10 Q Okay.

11 A First of all, we need to kind of set some frame  
12 of reference here with respect to time, because  
13 patients' blood pressure, as you know, often fluctuate  
14 from time to time. So approximately what time are we  
15 talking about?

16 Q Well, how would you define baseline? Would  
17 that be when the patient was admitted?

18 A How would you define it? You're asking me a  
19 question?

20 Q Well, I just asked you what her baseline blood  
21 pressure is. That's a medical question, isn't it? I'm  
22 a lawyer.

23 A I understand you're also a doctor.

24 Q Right. Well, I'm here as a lawyer, and I'm  
25 asking you to tell me what baseline blood pressure is?

1           A    That's a general term. My understanding is if  
2   a person has hypertension or hypotension that developed  
3   rapidly, then we would look at their blood pressure at  
4   an interval of time before that and that would be the  
5   baseline blood pressure.

6           Q    Do you have an opinion as to what Larita's  
7   baseline blood pressure is for her labor?

8           A    I'm looking at her blood pressures starting at  
9   approximately 9 o'clock in the morning on 1-20-99 and  
10   looking over the next few hours, and generally her  
11   systolic blood pressures are somewhere just over a 100,  
12   105, 102, somewhere just over a hundred, and her  
13   diastolic blood pressures are mostly in the 60s.

14          Q    So is that how you would define her baseline  
15   blood pressure?

16          A    In the context of that day, yes. Somewhere a  
17   little over a hundred by a little over 60 would probably  
18   be her baseline blood pressure.

19          Q    I take it, then, you disagree that Larita's  
20   baseline blood pressure for her labor and delivery would  
21   be her admitting blood pressure?

22          A    No, I would use a baseline as being several  
23   different blood pressures taken on different times. I  
24   think that's much more accurate.

25          Q    All right. And what about her baselines for

1 the epidural procedure. What was Larita's baseline  
2 blood pressure before she underwent the epidural  
3 anesthesia?

4 MR. PESKIN: Objection.

5 THE WITNESS: I think we are talking about the  
6 same thing here. In other words, one individual blood  
7 pressure doesn't change a baseline. If she happened to  
8 have a blood pressure and it was the last one taken  
9 right before the epidural was placed, that wouldn't  
10 change her baseline. The baseline, in my understanding,  
11 is looking at a series of blood pressures over time and  
12 kind of getting an idea what her systolic and diastolic  
13 blood pressure are generally ranging.

14 BY MS. MATTHEWS:

15 Q Okay. So let's look at the series of blood  
16 pressures before the epidural is placed, okay?

17 A Yes.

18 Q Let's start at -- okay. The epidural was put  
19 in at what time?

20 A I believe the test dose was at approximately  
21 3:55 or 15:55.

22 Q All right. So let's start looking, then, at  
23 about 13:00, okay? At 13:00, would you agree her  
24 systolic is 108, correct?

25 A Hold on one second. I'm trying to find that on

1 my page here. Yes, correct.

2 Q And 13:10 it's 121?

3 A Correct.

4 Q And 13:40 it's 114?

5 A Correct.

6 Q And [REDACTED] it's 128?

7 A Correct.

8 Q And then we go to the anesthesia flow sheet and  
9 we see 130 and 140 as blood pressures prior to the  
10 epidural?

11 A I don't have that information in front of me at  
12 this time. I'm looking at the labor-and-delivery  
13 obstetrical flow sheet.

14 Q Do you have the anesthesia records?

15 A I trust you that if you say it's true, it's  
16 true. It will save some time.

17 Q It's true. So would you agree that is a  
18 baseline blood pressure considerably higher than the  
19 blood pressure you were saying before?

20 MR. PESKIN: Objection.

21 THE WITNESS: Often when a patient is having an  
22 epidural, they're having an epidural because they're in  
23 pain and that might change their blood pressure. Also,  
24 the patient may be moved to a different position for the  
25 epidural and that might change their blood pressure, but

1 that does not negate a series of many blood pressures  
2 over several hours.

3 BY MS. MATTHEWS:

4 Q All right. So then you think for the purposes  
5 of anesthesia, the baseline blood pressure is the lowest  
6 blood pressure that Larita Dunham had the whole time she  
7 was there?

8 MR. PESKIN: Objection.

9 THE WITNESS: If I said that, then I was not  
10 speaking clearly, because I certainly don't think that's  
11 anything like what I just said.

12 BY MS. MATTHEWS:

13 Q Well, you picked 105 and 102, the two lowest  
14 systolic pressures that she had, correct?

15 A I said somewhere -- the systolic was somewhere  
16 in the range over a hundred. I see 105, 102, 109, 107,  
17 110, 111. So I'm looking at blood pressure after blood  
18 pressure that, as I said, was somewhere a little over  
19 100. That's still pretty accurate.

20 Q You read five blood pressures that were less  
21 than a 110, correct?

22 A Yes.

23 Q And then if you look at the rest of the page,  
24 you'll see 1, 2, 3, 4, 5, 6, 7, 8 on that page alone  
25 that are more than 110 or 115?

1           A    Yes.  I'm not disagreeing with you at all.  I  
2   think we are still in agreement here.  In other words,  
3   my feeling is that her baseline was somewhere a little  
4   over a hundred, and if you want to say maybe, that's  
5   more like 115 than 105, I wouldn't argue.  It's  
6   somewhere in that range, somewhere at 105, 110, 115  
7   systolic, that's where her baseline is.

8           Q    Define for me maternal hypotension?

9           A    There are many definitions for that.

10          Q    Well, what's the correct one?

11          A    I don't know that there is a correct one.

12          Q    Do you know what the anesthesia definition of  
13   maternal hypotension is?

14               MR. PESKIN:  Objection.

15               THE WITNESS:  Well, I believe that several  
16   criteria exist.  Some people talk about severe  
17   hypotension, moderate hypotension, mild hypotension.  
18   Basically, the term just means low blood pressure.

19   BY MS. MATTHEWS:

20          Q    Do you disagree that maternal hypotension is  
21   systolic blood pressure less than a hundred?

22          A    That's one definition.

23          Q    Do you agree with that?

24          A    It might be considered to be mild hypotension.  
25   We have patients every day in labor that have 95 or 96.



1 Q Is that hypotension?

2 A No, they're fine. They're normal.

3 Q So then you disagree that maternal hypotension  
4 is a systolic blood pressure less than a hundred?

5 MR. PESKIN: Objection.

6 THE WITNESS: I certainly would say that there  
7 may be a journal article or a book somewhere that uses  
8 that as their definition, but I would also say that  
9 there are probably a hundred other definitions out  
10 there, and if you're asking me do I think that's a  
11 pathologic finding, no. I see that every day in  
12 patients. Some woman just tend to run low blood  
13 pressure.

14 BY MS. MATTHEWS:

15 Q Then you disagree with Dr. Joshi, correct?

16 MR. PESKIN: Objection.

17 THE WITNESS: I don't think I said that. I  
18 said I think that some people would credit less than a  
19 hundred systolic to be hypotension. Some journals may  
20 say that. Dr. Joshi may say that. That's a reasonable  
21 thing to say, but I would not say categorically my  
22 opinion is under a hundred is hypotension.

23 BY MS. MATTHEWS:

24 Q Would you agree that you should not leave a  
25 hypotensive patient alone?

1           A    Again, that would depend on the degree. By the  
2 definition we were just talking about, 100 systolic,  
3 every day when I'm in labor and delivery, it would be  
4 quite likely to have a patient with a systolic blood  
5 pressure under 100. We leave these patients alone all  
6 the time. That's not an indication of bad care or  
7 breach of standard of care.

8           Q    Would you agree that you should not leave a  
9 hypotensive patient alone, a patient that you consider  
10 to be hypotensive?

11           A    Well, depending on the degree of hypotension.  
12 In other words, if a patient has pathologic hypotension  
13 that I feel is concerning, for example, if a woman has a  
14 blood pressure of 60 over palpable, that's a woman that  
15 I would not feel comfortable leaving alone. That's very  
16 different than somebody who might make some text book  
17 definition of hypotension.

18           Q    What about somebody whose blood pressure was 90  
19 systolic?

20           A    It would depend on the particular patient and  
21 her situation.

22           Q    Do you believe that obstetricians need to be  
23 aware of the most serious and immediate complications of  
24 epidural anesthesia?

25           A    I believe most are aware of it. I'm not sure

1 they need to be aware of it.

2 Q Do you think they need to be aware of the signs  
3 and symptoms of a high spinal anesthesia?

4 A You're talking about obstetricians now?

5 Q Yes.

6 A Again, I would say I believe most obstetricians  
7 are aware of that. I'm not sure that they need to be  
8 aware of it.

9 Q If a patient complains of a headache  
10 immediately following the insertion of what's supposed  
11 to be an epidural anesthetic, does that raise in your  
12 mind the possibility of an inadvertent spinal?

13 MR. PESKIN: Objection.

14 THE WITNESS: It would be one possibility, yes.

15 BY MS. MATTHEWS:

16 Q So if a patient -- if one of your patients  
17 complained to you of a headache immediately after a  
18 procedure that was supposed to be placement of an  
19 epidural, is there any kind of evaluation you would  
20 undertake?

21 A It would depend on how severe the headache was.  
22 In our hospitals somewhere between 30 and 60 percent of  
23 our patients get epidurals, so we are talking about huge  
24 numbers of women. A lot of these women have headaches  
25 in labor. Obviously, it's a stressful time, both

1 physically and mentally. So it would depend, again, on  
2 the strength or intensity of the headache.

3 Q Five minutes or less after the placement of an  
4 epidural, a patient complains to you of a severe  
5 headache.

6 A Yes.

7 Q Is there some sort of an evaluation you would  
8 undertake under that circumstance?

9 MR. PESKIN: Are you talking about an epidural  
10 he's placed or somebody else?

11 MS. MATTHEWS: Somebody else, anybody.

12 THE WITNESS: I think I would talk to the  
13 patient and try to figure out more details. I'm trying  
14 now to put myself in the position with this hypothetical  
15 patient. She has had an epidural and now about five  
16 minutes after the epidural she says she has got a very  
17 bad headache.

18 I first would be worried about the thing we are  
19 the most worried about with headaches in a labor  
20 patient. That would be toxemia preeclampsia. I would  
21 want to make sure she was neither one of those.

22 I would want to check her blood pressure to  
23 make sure she wasn't hypertensive. I would want to  
24 check her reflexes. If her blood pressure was up,  
25 headache could be the first warning sign of

1 preeclampsia. If I felt she did not have preeclampsia,  
2 and if I was concerned that it might be relating to the  
3 epidural, then I would probably call someone from the  
4 anesthesia service and get their opinion.

5 BY MS. MATTHEWS:

6 Q I take it then a headache can be a very serious  
7 sign in a labor patient, correct?

8 A It can be, yes.

9 Q So if one of your patients complains of a  
10 sudden, severe headache, is that something you would  
11 expect the nurse to notify you about?

12 A I think it would depend on the individual  
13 patient.

14 Q You lost me.

15 A Well, for example, if a patient was in the  
16 hospital with mildly-elevated blood pressures and the  
17 pressure started going up and then in the face of  
18 elevated pressures the patient said, "My goodness, I'm  
19 having the worst headache of my life," yes, indeed, that  
20 nurse, I would hope that she would notify me. If a  
21 patient with no signs of preeclampsia or toxemia said  
22 "I'm having a headache," that would be a very different  
23 situation so it varies.

24 Q What types of patient who, five minutes after  
25 they have an epidural placed, says, "I have a terrible

1     headache,!!is that something you would expect a nurse to  
2     notify you about?

3                 MR. PESKIN:  Objection.

4                 THE WITNESS:  Possibly.

5     BY MS. MATTHEWS:

6                 Q     Possibly or yes?

7                 MR. PESKIN:  Objection.

8                 THE WITNESS:  Again, it would have to do with  
9     what is going on in the room.  The nursing assessment at  
10    the time I think we'd have to have a much more  
11    definitive hypothetical to answer all the potential  
12    facts that the nurse may be faced with.  Headache is  
13    perhaps the most common complaint made to a nurse in the  
14    hospital.  Nurses deal with headaches every day of their  
15    life.  If a nurse is comfortable that a patient is not  
16    having a major problem, no, I don't think she has to  
17    pick up and call the doctor every time a patient says  
18    that they have a headache.

19    BY MS. MATTHEWS:

20                 Q     So that's not something that you necessarily  
21    feel you need to be notified of?

22                 A     No.  I think it's safe to say that in my many  
23    years of practice, the vast majority of times that a  
24    patient turns to the nurse and says "Nurse Jones, my  
25    head hurts," the vast majority of the time the nurse

1 does not get on the phone and page a doctor.

2 Q Isn't that a different circumstance than five  
3 minutes after the placement of a epidural the patient  
4 has an sudden and severe headache? That does not sound  
5 like your normal headache, does it, Doctor?

6 MR. PESKIN: Objection.

7 THE WITNESS: I don't know. I think that we  
8 could use another analogy. What if it's five minutes  
9 after the Pitocin is turned on or off or five minutes  
10 after PCA is turned on. It seems to me we are taking a  
11 certain event and then saying we are starting a clock  
12 after that event. I've already conceded that a severe  
13 headache can be a warning sign, and I stick by that  
14 testimony, but I think that there is room for nursing  
15 judgment. It's the nurse's judgment call to decide when  
16 it's proper to call a physician.

17 BY MS. MATTHEWS:

18 Q So then you expect the nurse to be able to  
19 decide whether a sudden and severe headache after an  
20 epidural isn't spinal?

21 A No, not at all. I expect the nurse to use her  
22 good nursing judgment to determine if there's a problem  
23 significant enough that a physician should be notified.

24 Q I'm confused. If the patient complains that  
25 they have a sudden and severe headache, that may be a

1 sign that they have a high spinal, you don't expect the  
2 nurse to tell the doctor. You don't expect the nurse to  
3 know if it's a spinal. How is anybody supposed to know  
4 that's what it is?

5 A The point I'm trying to make is there are a  
6 million different degrees of headaches and pain  
7 tolerance. One woman might say, "My head's hurting a  
8 little bit." Another one might say, "This is terrible."  
9 I think that's a part of good nursing judgment is to  
10 evaluate the intensity of the headache, and if they  
11 determine that they, as a nurse, are concerned that  
12 something may be wrong, then yes, they should call the  
13 physician. If their interpretation is, "Well, I've been  
14 working with this patient for several hours. She  
15 doesn't seem to have a very high pain threshold, my  
16 interpretation is this doesn't seem to be very severe,"  
17 then no, I don't think that nurse would be duty bound to  
18 call a physician.

19 Q So if a nurse has bad judgment and doesn't tell  
20 the doctor, oops. I mean, you've lost me, Doctor. I  
21 want to know whose responsibility it is to determine a  
22 patient has a high spinal? Whose responsibility is  
23 that?

24 MR. PESKIN: Objection.

25 THE WITNESS: With your comment about bad



1 judgment and oops, my understanding is I would hope that  
2 everybody is exercising their best judgment. If  
3 somebody uses bad judgment, certainly that could cause a  
4 bad outcome, but I don't follow your logic here. It  
5 seems to me that you're saying that there's no room for  
6 a nurse to exercise her own judgment, and that anytime  
7 someone has a headache, she is duty bound to call a  
8 physician. My interpretation is that's not true. I  
9 feel that there is room for nursing judgment. Nurses  
10 are highly-trained professionals.

11 BY MS. MATTHEWS:

12 Q I'm not saying that there's not room for  
13 nursing judgment. I'm giving you a very specific  
14 circumstance and you want to talk in generalities. Do  
15 you disagree that Larita Dunham developed a high spinal  
16 in this case?

17 MR. PESKIN: Objection.

18 THE WITNESS: I'm not sure I know the answer to  
19 that.

20 BY MS. MATTHEWS:

21 Q What do you think caused Larita Dunham's  
22 arrest?

23 A Well, let me get back to the beginning of the  
24 deposition where you asked if I was going to be  
25 testifying on anesthesia-related subjects, and I think

1 you said you could make this deposition an hour shorter.  
2 Now we seem to be entering into that territory, and I'd  
3 like to know, would you like me to get into anesthesia  
4 issues now, or would we like to stay out of them?

5 Q Well, I'm here -- if you have some opinions, I  
6 want to know them. I want to know if you have an  
7 opinion as to why Larita Dunham arrested?

8 A I don't know that I can answer that question.

9 Q So you don't have an opinion?

10 A Yes, I probably do have opinions. I don't know  
11 that I have answers, but I have opinions.

12 Q Well, what is your opinion as to why Larita  
13 Dunham arrested?

14 A Several possibilities. One would be a high  
15 spinal, one would be an amniotic fluid embolus, another  
16 would be some other catastrophic cardiovascular event  
17 that doesn't fit into either of those two categories.

18 Q Which **do** you think is the most likely?

19 A I think probably more likely would be a high  
20 spinal.

21 Q There's no evidence to suggests there was an  
22 amniotic fluid embolus, is there?

23 A Well, actually amniotic fluid embolus is one of  
24 the most difficult diagnoses to make. With amniotic  
25 fluid embolus, usually there is not good evidence, but

1 when a patient suddenly has a catastrophic change in her  
2 hemodynamic status in the midst of labor, it's always  
3 high in the differential diagnosis.

4 Q However, is it also those patients who have  
5 very poor oxygenation?

6 A Generally, yes.

7 Q That's not the case here. This patient had a  
8 POT in the 400s when she was intubated, correct?

9 A Well, anything that affects the cardiovascular  
10 status can affect the oxygenation. I don't know that a  
11 high spinal would do it any differently than an amniotic  
12 fluid embolism.

13 Q Let me rephrase my question. Isn't it a fact  
14 that Larita Dunham post-resuscitation oxygen saturation  
15 and absolute oxygen concentrations are inconsistent with  
16 the diagnosis of amniotic fluid embolism?

17 A No. I don't believe that's true at all.

18 Q So you think they are consistent with amniotic  
19 fluid embolism?

20 A Absolutely. It's a spectrum. You can have an  
21 embolism that's almost immediately fatal. Obviously, we  
22 wouldn't be talking about oxygenation levels because the  
23 patient would die, but that's not at all the way all  
24 amniotic fluid embolisms occur. There probably are many  
25 that can just be a minor showering and it can be

1 anything in between.

2 Q But isn't it a fact that when an amniotic fluid  
3 embolus is severe to cause a respiratory arrest you can  
4 expect to see low oxygenation concentration prior to  
5 resuscitation if you are able to resuscitate the  
6 patient?

7 A No, I don't think that's a fact, and I would be  
8 surprised to see the bulk of the literature supporting  
9 that statement.

10 Q Why do you think it's most likely this was a  
11 high spinal?

12 A Just looking at the records and everything that  
13 I've seen in the records and depositions, it seems to me  
14 that that would be the most likely diagnosis but  
15 certainly not the definitive diagnosis.

16 Q So you would agree, then, that if this was a  
17 high spinal, at some point prior to Larita Dunham's  
18 arrest, had she been under continuous monitoring,  
19 something should have been discovered, correct?

20 MR. PESKIN: Objection.

21 THE WITNESS: I'm sorry you lost me on that  
22 one.

23 BY MS. MATTHEWS:

24 Q I'd like you to assume that Larita Dunham  
25 developed a high spinal.

1           A    Yes.

2           Q    Would you agree with that if she been  
3 continuously monitored, something would have been  
4 detected prior to her arrest?

5           A    Well, first of all, I don't know what you mean  
6 by "continuously monitored."

7           Q    Someone in the room with her continuously.

8           A    Well, the question seems to be kind of  
9 analogous to something like a plane crash. If you knew  
10 the plane was going to crash and you had all sorts of  
11 people on the plane doing special things, I mean,  
12 doctors and nurses work in the trenches. We don't look  
13 in hindsight and say oh, okay. You know, we work  
14 contemporaneously and we work only with what we have at  
15 the time.

16          Q    Well, I'm not asking you any of that. I just  
17 asked if someone were there. I didn't say they needed  
18 to be there. I just asked you if someone were in the  
19 room with Larita Dunham continuously and she developed a  
20 high spinal that caused her to arrest, would you agree  
21 with me that had she been under continuous observation  
22 something abnormal would have been detected prior to her  
23 arrest?

24          A    No, and this is why. I said I'm not at all  
25 convinced that this was a high spinal, I just thought it

1 was one of the more likely things because there were  
2 things in the record that didn't seem to fit with the  
3 high spinal. In other words, if she had been  
4 complaining of difficulty breathing, heaviness in her  
5 chest, not be able to catch her breath, if those were  
6 her initial complaints, yes, that would fit more with a  
7 high spinal. I don't recall seeing those things.

8 Q Well, no one was in the room with her for the  
9 ten minutes before she had arrested, maybe that's when  
10 she was complaining.

11 MR. PESKIN: Objection.

12 BY MS. MATTHEWS:

13 Q Well, these things are becoming broad  
14 generalizations for you, Doctor. I would like you to  
15 try to answer the specific questions that I'm asking.

16 A Let me answer it very specifically with a  
17 hypothetical. In a typical American hospital, a woman's  
18 been given an epidural and her nurse goes out of the  
19 room, as they typically do. If that patient suddenly  
20 began having difficulty in breathing, heaviness in her  
21 chest, unable to catch her breath, I would think she  
22 would pick up the call button and start slamming it down  
23 immediately. So no, I don't think that there's any  
24 insight where we can say that if a nurse had been in  
25 the room. I think generally that's what call buttons

1 are for. For that matter, the patient could holler out.  
2 Usually labor and delivery stations are set up such that  
3 the nurses are never more than a few moments away.

4 Q You're not suggesting to me that Larita Dunham  
5 is at fault for the fact that no one witnessed her  
6 arrest, are you?

7 A I don't even think I was beginning to suggest  
8 something like that.

9 Q It seemed to me that you said that if Larita  
10 Dunham was having trouble, she should have hit a call  
11 button?

12 MR. PESKIN: Objection.

13 THE WITNESS: I don't know if I said "should  
14 have." My point was you were asking me a specific  
15 question of where a nurse should be, and I'm telling how  
16 obstetrics is practiced in the United States of America.  
17 Generally nurses are not in the room every moment.  
18 Generally if a patient --

19 MR. PESKIN: Wait. You have to let him finish.  
20 If you don't like his answers, that's really too bad.  
21 You have to let him finish. Just wait because we are on  
22 a speaker phone and it's really difficult for the court  
23 reporter to hear.

24 MS. MATTHEWS: I'm sorry. I thought he had  
25 finished.

1 MR. PESKIN: Well, he hadn't.

2 THE WITNESS: What I was trying to convey is  
3 that the way obstetrics is practiced in America is that  
4 the nurse generally is not in the room continuously in  
5 patients that have had an epidural. In some hospitals  
6 in America, 90 percent of patients have epidurals during  
7 labor, and certainly 90 percent of the nurses do not  
8 stay in the room all the time. Generally what happens  
9 is there's a call button, if a patient has a problem,  
10 she might press it. I did not mean to imply anything  
11 about blaming anybody.

12 BY MS. MATTHEWS:

13 Q All right. The only question I was trying to  
14 get at here was I asked you whether you believed that if  
15 Larita Dunham had been under continuous observation, she  
16 would have had some abnormality prior to her arrest, and  
17 you started with an answer telling me that the nurses  
18 didn't need to be there continuously. I basically was  
19 looking to ask you whether you believe high spinals will  
20 show signs and symptoms prior to arrest or whether that  
21 can or that could be their first sign and symptom?

22 MR. PESKIN: That's been asked and answered,  
23 all right.

24 MS. MATTHEWS: I don't think so. I've gotten  
25 pages of answers but I didn't hear that answer.



1 THE WITNESS: Okay. I think I understand your  
2 question now, and I think I talked about that before.  
3 You asked me what might be the common signs of a high  
4 spinal and I remember telling that you difficulty in  
5 breathing would be one of those signs and perhaps  
6 pressure on the chest or shortness of breath. Is that  
7 the type of question I'm answering?

8 BY MS. MATTHEWS:

9 Q Right. Correct. So you would expect a patient  
10 who is developing a high spinal to have signs and  
11 symptoms prior to an arrest, correct?

12 A I would suspect so, yes.

13 Q All right. So then you would also suspect that  
14 if someone were in the room -- and this is not the  
15 question should they be in the room -- just that if  
16 someone were in the room, they would detect or hear from  
17 the patient something to suggest it was a high spinal  
18 before the patient arrested?

19 A In a hypothetical case?

20 Q Yes.

21 A Yes, that's probably true.

22 Q Would you expect, as an obstetrician, to be  
23 notified if your patient developed hypotension?

24 MR. PESKIN: Objection. Asked and answered.

25 THE WITNESS: It would depend on again our

1 definition of hypotension and whether it was clinically-  
2 significant hypotension.

3 BY MS. MATTHEWS:

4 Q At what blood pressure would you expect to be  
5 notified as an obstetrician?

6 A That would vary from patient to patient.

7 Q What about this patient?

8 A Well, in Larita Dunham, we had just discussed  
9 what her blood pressures were doing and we used the term  
10 "baseline blood pressure." We were only talking about  
11 systolic, but generally as obstetricians we also look at  
12 the diastolic, in fact, more frequently so, but her  
13 systolic blood pressures through most of the time she  
14 was there were in the range of around 100 to 120. Her  
15 diastolics were somewhere in the range of 60 and 80. If  
16 there was a dramatic change from those blood pressures,  
17 either up or down, I would expect to be notified.

18 Q And can you give me a down number, I mean what  
19 you mean by dramatic?

20 A I don't know that I can give you a number. I  
21 don't know that I could quantitate it. Generally, it's  
22 a nursing judgment.

23 Q Well, give me your judgment as to what would be  
24 a dramatic change in systolic pressure?

25 A Well, first of all, it would have to do with

1 whether it was associated with anything else in the  
2 labor. It would have to do if the blood pressure was  
3 one blood pressure and if it was sustained. In other  
4 words, very often a nurse will get a high blood pressure  
5 or a low blood pressure, the proper thing to do is to  
6 recheck it, not to call the physician. I believe most  
7 nurses are trained that way. If she has a sustained  
8 high or low blood pressure, at that time call the  
9 physician.

10 Q Well, what about 78?

11 A 78?

12 Q Systolic over 60 diastolic, is that a blood  
13 pressure you'd want to be notified about in this  
14 patient?

15 A 78 over 48?

16 Q 78 over 40.

17 A 78 over 40, it's something I would want the  
18 nurse to be attending to. I want the nurse to be doing  
19 nursing interventions. Again, this has to do with the  
20 setting, if we are talking about this patient, we are  
21 talking about a patient whose just had an epidural,  
22 which is probably the explanation of the low blood  
23 pressure. I would expect the nurse to be thinking about  
24 that. Maybe thinking about giving her some hydration,  
25 attending to the blood pressure, not necessarily calling

1 the physician, but it would be a reasonable thing for  
2 her to do.

3 Q Would you expect to be notified if one of your  
4 labor-and-delivery patients had required 35 milligrams  
5 of ephedrine to get her blood pressure back up?

6 A I would expect someone to be notified, either  
7 anesthesia service or myself, yes.

8 Q Well, as a general matter, would you expect to  
9 be notified in addition to anesthesia, or is it okay  
10 that only anesthesia know?

11 A It would depend on the individual patient.

12 Q Let's talk about this patient. This is a  
13 V-back, correct?

14 A That's correct.

15 Q A V-back patient such as Larita Dunham  
16 requires -- hypotension while on Pitocin requiring 35  
17 milligrams of ephedrine and she has a blood pressure of  
18 78 over 40, would you expect -- would you like to be  
19 notified?

20 A Generally, yes, but this case is very  
21 different.

22 Q Why?

23 A In this case we are dealing with a fetal  
24 demise. The obstetrician's main concern when there is  
25 hypotension associated with an epidural is how is the

1 baby is tolerating the low blood pressure. Very often  
2 it's associated with the deceleration of the fetal heart  
3 rate. So in the typical cases when the physician is  
4 monitoring the fetal heart rate, yes, I would want be to  
5 notified if the patient required several doses of  
6 ephedrine. But in this particular case, I think it's  
7 more of an issue having to do with anesthesiology.

8 Q What about -- aren't you concerned about the  
9 risk of uterine rupture in this kind of setting?

10 A That is one other thing in the differential  
11 diagnosis, yeah.

12 Q Doesn't the obstetrician need to be aware of  
13 the hypotension to make an assessment to determine  
14 whether this is uterine rupture?

15 A Well, for example, a woman comes in like Larita  
16 Dunham and 20 minutes after she is in the hospital,  
17 suddenly her blood pressure falls and she requires  
18 several doses of ephedrine. Absolutely, I'd want to be  
19 notified about that.

20 Q What about a patient on Pitocin for  
21 augmentation of her labor who had her epidural in for 15  
22 ninutes or less and suddenly becomes profoundly  
23 nypotensive, requiring 35 milligrams of ephedrine. Do  
24 you think, as an obstetrician, that's something you  
25 should be aware of?

1 MR. PESKIN: Objection.

2 THE WITNESS: Do I think it's something that I  
3 should be aware of, or do I think it's a nursing  
4 standard to call the physician?

5 BY MS. MATTHEWS:

6 Q Well, answer those separately.

7 A Well, I'd like to be aware of it. To answer  
8 the second question, though, it gets back to appropriate  
9 nursing care. If the nurse feels that there is an  
10 obvious explanation for the hypotension, if that is  
11 being dealt with at the time and there is no fetal heart  
12 rate issue to be dealt with, then no, I don't think it's  
13 a breach of a nursing standard of care not to notify an  
14 obstetrician.

15 Q So I take it you feel comfortable with letting  
16 the nurse decide whether the hypotension is due to  
17 uterine rupture?

18 MR. PESKIN: Objection.

19 THE WITNESS: No, I don't think that's what I  
20 said. I'm implying that the nurse has already called  
21 appropriately-trained professionals. These are the  
22 professionals who are giving the ephedrine. My  
23 understanding is that the nurse is not the one giving  
24 the multiple doses of ephedrine. So she's already  
25 called someone to take care of the problem.

1 BY MS. MATTHEWS:

2 Q Well, is uterine rupture something you would  
3 expect the anesthesiologist to think about in this  
4 patient?

5 MR. PESKIN: Objection.

6 THE WITNESS: Some anesthesiologists would,  
7 yes.

8 BY MS. MATTHEWS:

9 Q What about all of them?

10 A Well, I certainly can't speak for all of them  
11 in America.

12 Q Do you expect that when an anesthesiologist is  
13 confronted with a hypotensive labor patient that they  
14 would know this was a V-back patient, this could be  
15 uterine rupture?

16 MR. PESKIN: Objection. Do you want him to  
17 speculate on what other people might know?

18 MS. MATTHEWS: I asked him if he would expect  
19 them to know.

20 THE WITNESS: What I would expect for all  
21 physicians and nurses and certainly for  
22 anesthesiologists falling in that category is that they  
23 exercise reasonable judgment, and this would mean, for  
24 example, in a case of hypotension you think of  
25 differentials in your mind, and then you think of what

1 is the most likely thing going on. If you have a very  
2 likely explanation for what's going on, for example, a  
3 patient has just been given an epidural, which is  
4 extremely frequently associated with an episode of  
5 hypotension, then I don't think it would be incumbent  
6 upon the anesthesiologist to think about zebras and  
7 unusual things that might be able to explain something  
8 for which he or she already has a very obvious  
9 explanation for.

10 BY MS. MATTHEWS:

11 Q Do you believe that the hypotension -- pattern  
12 of hypotension exhibited by Larita Dunham is typical for  
13 hypotension-caused sympathetic blockade from an  
14 epidural?

15 A I think the hypotension she was having was  
16 consistent with something going on with her anesthesia,  
17 yes.

18 Q Oh, I see. You think the pattern of  
19 hypotension was consistent with something related to her  
20 anesthesia, is that what you said?

21 A That's my understanding, yes and again, I  
22 explained before I don't have a pathognomonic answer for  
23 what happened to this patient. I talked about some of  
24 the different alternatives. I've already conceded to  
25 what I feel would be the most likely thing that



1 happened, and I feel those blood pressures are  
2 consistent with that.

3 Q Larita Dunham was Dr. Ashmead's patient. He's  
4 listed as her first doctor, that's her attending  
5 physician, her obstetrician, okay?

6 A Are you asking me okay, or do I know that to be  
7 a fact?

8 Q Yes. Do you know that to be a fact?

9 A Well, what I can tell you is I have a whole  
10 list of obstetricians involved with this case, a  
11 second-year, third-year, fourth-year resident. I have a  
12 whole bunch of doctors involved. So I'm not sure  
13 exactly what your question is.

14 Q Do you know who Larita's main doctor was, the  
15 person whose service she was admitted to?

16 A I think I have a pretty good understanding of  
17 who all the doctors involved with this case are, yes.

18 Q Would you disagree with me that Dr. Ashmead was  
19 her attending physician?

20 A That's probably correct, yes.

21 Q Now, as her attending physician --

22 A Let me back up just for a minute, because I  
23 don't want this to have the impression in any way that  
24 I'm not familiar with this case. It sounds like a  
25 simple question, "Well, you don't even know who the

1 attending physician is?" Actually, I've looked at these  
2 records extensively and the reason I'm hesitating on  
3 that question is not because I haven't read the  
4 material, it's because I understand that there was a  
5 doctor covering. My understanding is that there was a  
6 Dr. Diane Shubeck who was also an OB attending physician  
7 who was covering for Dr. Ashmead starting at  
8 approximately 5:00 p.m. So when I didn't answer your  
9 question directly, it's not because I don't have any  
10 information, it's because I have a lot of information  
11 and I'm trying to answer you precisely.

12 Q All right. Well, then let's say that  
13 Dr. Ashmead and -- I don't want you to think I'm trying  
14 to trick you here. Let's say that Dr. Ashmead and  
15 Dr. Shubeck are both her attending physicians, all  
16 right? They are her obstetrical attending physicians.

17 A Yes.

18 Q Do you think the obstetricians and the  
19 anesthesiologists should both be aware when there is a  
20 circumstance of refractory hypotension requiring 35  
21 milligrams of ephedrine, or do you think it is  
22 reasonable for only the anesthesiologist to be aware of  
23 that situation?

24 A Now, is this a hypothetical or are we talking  
25 about Larita?

1 Q We are talking about Larita.

2 A In this particular case I think it is  
3 reasonable for the anesthesia service to be handling  
4 that blood pressure for the reasons I explained  
5 previously.

6 Q So you don't feel there was any need for the  
7 obstetricians to even be aware of the fact that their  
8 patient was hypotensive requiring 35 milligrammes of  
9 ephedrine and that's because she had a fetal demise?

10 A Correct.

11 Q In your opinion were the obstetricians, in this  
12 case, aware that Larita was having protracted  
13 hypotension?

14 MR. PESKIN: Objection.

15 THE WITNESS: At some point.

16 BY MS. MATTHEWS:

17 Q At what point do you think they became aware of  
18 it?

19 A I don't know. I can give you the exact time if  
20 you'd like me to go through all the depositions. It  
21 might be easier to ask the individual obstetricians.  
22 I'm sure they've all been asked that question.

23 Q I'm just asking you whether you have a sense as  
24 to whether they knew Larita was having a problem with  
25 hypotension before they learned that she had arrested?

1 MR. PESKIN: Objection.

2 THE WITNESS: I don't know without looking  
3 through the records. I don't know exactly what time the  
4 obstetricians were informed about the blood pressure.

5 BY MS. MATTHEWS:

6 Q So you don't know whether they knew before she  
7 arrested about the problem she was having with  
8 hypotension?

9 A I don't know exactly when the obstetricians  
10 were informed about her hypotension, that's correct.

11 Q Do you have opinions as to what sort of a blood  
12 pressure response you'd expect to see after a test dose?

13 MR. PESKIN: Objection.

14 THE WITNESS: Now are you asking me when a  
15 patient has an epidural placed and they're given a test  
16 dose?

17 BY MS. MATTHEWS:

18 Q Correct.

19 A So now we are going to venture into the realm  
20 of anesthesia questions?

21 Q No. I'm asking if you would offer any  
22 opinions.

23 A No. Let me explain why I gave you that  
24 particular answer. I was trying to explain that for the  
25 purposes of this case, I will be happy not to offer

1 opinions relating to anesthesia care, but I believe the  
2 way the question was phrased to me was something to the  
3 effect to, "Would you agree, Doctor, that you're not  
4 qualified to make any opinions about anesthesia care?"  
5 My concern was I did not want this to someday be used to  
6 imply for all of the cases I ever look at in the rest of  
7 my life that I'm not qualified to have any opinions  
8 about anesthesia care, but I am conceding in this  
9 particular case that I don't plan to render any opinions  
10 that have to do with anesthesia care.

11 Q All right. Do you use ephedrine in your  
12 practice?

13 A Let me clarify that. We use it in our hospital  
14 all the time. I personally don't often give it.

15 Q Do you ever give it?

16 A I have given it, yes. I mean, I haven't  
17 injected it, but I've ordered it, yes.

18 Q Under what circumstances?

19 A Hypotension.

20 Q How long does it last?

21 A I'm not familiar with the statistics on the  
22 half life of ephedrine. I've read the depositions in  
23 this case, I've heard different people's opinions. I  
24 would have to look it up.

25 Q What dose do you order when you do?

1           A     Five milligrams is a typical dose.

2           Q     Would you agree that when a nurse doesn't  
3 follow a physician's orders, that's a breach in the  
4 standard of care expected of them?

5           MR. PESKIN:  Objection.  We went through this.

6           THE WITNESS:  Did you want me to give you the  
7 answers I gave you before.  I think I have answered that  
8 question.

9 BY MS. MATTHEWS:

10          Q     No.  I'm talking about a written order.  Do you  
11 expect a nurse to follow a written order?

12          MR. PESKIN:  Objection.  That's asked and  
13 answered.

14 BY MS. MATTHEWS:

15          Q     Doctor, do you understand my question?  If you  
16 write a 'written order that says, "Give the patient 35  
17 milligrams of ephedrine," for instance -- no, let's make  
18 it 5 milligrams of ephedrine.  If you write an order  
19 that says, "Give this patient 5 milligrams of ephedrine  
20 now," is that an order that you expect a nurse to  
21 follow?

22          A     Generally, yes.

23          Q     And that's because -- why is it you expect the  
24 nurse to follow that order?

25          A     I'm not sure exactly how to answer that

1 question. Generally, if I write an order that's  
2 reasonable and a reasonable nurse interprets that order,  
3 generally she will follow it out. I don't see where  
4 you're going with your question.

5 Q When you write orders, as long as they're  
6 reasonable, you expect them to be followed, correct?

7 A Generally, yes.

8 Q Would you agree with me that it wasn't -- let  
9 me start over.

10 Do you have any opinions on the resuscitation  
11 in this case?

12 A I don't believe I'm going to be commenting on  
13 the resuscitation, no.

14 Q Do you have an opinion as to how long it should  
15 take to establish an airway in a patient who has  
16 wrested in a hospital?

17 MR. PESKIN: He just said he's not expressing  
18 opinions on resuscitation.

19 MS. MATTHEWS: I just want to make sure that's  
20 part of resuscitation.

21 THE WITNESS: Yes. I would put that in that  
22 category.

23 BY MS. MATTHEWS:

24 Q Do you have anesthesiologists in your hospital  
25 around the clock?

1           A    Yes, we do.

2           Q    What kind of hospital do you work at?

3           A    A very good one.

4           Q    No. I mean a community hospital, a teaching

5   hospital, what?

6           A    I work at a Kaiser Permanente Hospital. It is

7   teaching and we do have an independent residency

8   program.

9           Q    How many beds is that hospital?

10          A    I believe it is about 120 beds.

11          Q    Do you have monitored beds in labor and

12   delivery?

13          A    Are you talking about fetal monitoring?

14          Q    No. I'm talking about patient monitoring, like

15   telemetry beds.

16          A    No. The fetal monitors are connected to the

17   nursing station. I don't believe that the maternal

18   monitors are connected by telemetry to the nursing

19   station, no.

20          Q    Where do your eclamptic patients go?

21          A    Well, fortunately we rarely have eclamptic --

22   did you literally mean eclamptic or preeclamptic.

23          Q    No, I mean eclamptic. If a patient came in

24   with eclampsia, where would they be treated, at labor

25   and delivery?



1           A    Yes.  Initially at labor and delivery until the  
2 baby was delivered and then they would go to ICU.

3           Q    Are there any particular beds that they go into  
4 or just regular labor-and-delivery rooms?

5           A    Regular labor-and-delivery rooms.

6           Q    I'd like to look at my notes.  I'm not sure I  
7 have anything else, all right?

8           A    Yes.

9           Q    Doctor, in your report on page 4 at the last  
10 paragraph, you say, "A few minutes later at  
11 approximately 5:08 p.m. Ms. Dunham was noted to be  
12 unresponsive and hypotensive," correct?

13          A    Yes, I see that.

14          Q    And you say, "The nurse responded quickly and  
15 properly evaluating the patient and calling for  
16 immediate assistance.  By approximately 5:13 p.m., the  
17 code team was present in the room," correct?

18          A    That's my understanding, yes.

19          Q    So that's how many minutes?

20          A    Well, these times, you know, may not be exact  
21 to the minute.  I was giving approximate answers, and,  
22 in fact, it says "at approximately 5:08," but now you're  
23 asking me to get it minute to minute.

24          Q    No.  I'm asking you how many minutes you think  
25 there were between the time Larita Dunham was noted to

1 be unresponsive and the time the code team responded.

2 MR. PESKIN: Objection.

3 THE WITNESS: Well, I was going by notes in the  
4 record, that I believe I saw a note that said "code team  
5 present."

6 BY MS. MATTHEWS:

7 Q I'm sorry. Code team what?

8 A Present.

9 Q Right. You got this off the resuscitation  
10 sheet, correct?

11 A Right. That means they were there at that  
12 time, that doesn't mean they just got there. They might  
13 have gotten there a minute before, three minutes before,  
14 and the nurse may have just wrote out the time 15:13 or  
15 rather "17:13, code team present." She did not write  
16 code team coming through the door at this time. **So** I  
17 was just using this as an approximation, and that's why  
18 I wrote approximately to show that by 17:13 I know the  
19 code team was present. I don't know for sure if they  
20 had just stepped into the room.

21 Q Well, that's why the nurse documented "code  
22 treatment present"! to note what time they arrived, isn't  
23 it?

24 MR. PESKIN: Objection.

25 THE WITNESS: I don't know. You'd have to ask

3 the nurse.

2 BY MS. MATTHEWS:

3 Q Isn't the purpose of a code sheet to document  
4 the time the event occurred?

5 A That's one of the purposes, yes.

6 Q So unless somebody had some better knowledge,  
7 one has to rely on the times on the code sheet on the  
8 times that thing occurred, correct?

9 MR. PESKIN: Objection.

10 THE WITNESS: Not necessarily to the minute.  
11 As, you, being a physician, well know in the midst of a  
12 code, charting is a secondary, timing is secondary,  
13 helping the patient is primary. So all the nurses, all  
14 the doctors, their primary goal is to help the patient.  
15 Yes, it is important to chart for possible later  
16 litigation, but that is not the primary goal. So in  
17 other words, if a nurse was busy doing something else  
18 and the code team had been there for two minutes or  
19 three minutes and then at 17:13 she wrote "code team  
20 present," certainly that could explain in my mind that  
21 they had been there for a couple of minutes. That  
22 wouldn't be a breach of standard of care.

23 BY MS. MATTHEWS:

24 Q I didn't suggest that it was, but you read the  
25 depositions, You know that someone was assigned to

1 chart the times and events, correct?

2 A I read that in the deposition, yes.

3 Q And the purpose of charting the times was so  
4 that when one reviewed what occurred you would know what  
5 time things happened, correct?

6 A That's one of the purposes, yes.

7 Q All right. And it says that the code began or  
8 the time that events began, the time of the arrest was  
9 at 17:08, correct?

10 A That's my understanding, yes.

11 Q And then it says "Code team present at 17:13,  
12 correct, and that's what you said in your letter,  
13 correct?

14 MR. PESKIN: Objection.

15 THE WITNESS: I'm sorry. I said approximately,  
16 at approximately 5:08 p.m. Ms. Dunham was noted to be  
17 unresponsive. I specifically said "approximately" and  
18 then I said "by approximately 5:13" and that is 17:13  
19 "approximately," and I used the word approximately once  
20 again, "the code team was present in the room." That's  
21 what I said.

22 BY MS. MATTHEWS:

23 Q Can I ask you how many minutes there is between  
24 17:08 and 17:13?

25 MR. PESKIN: Objection. We all know it's five,

1     Laurel.

2     BY MS. MATTHEWS:

3             Q     Okay. Five minutes, right?

4             A     If you're asking me how many minutes are  
5     between 08 and 13, that is the correct answer, yes.

6             Q     Assuming these times are correct -- this is a  
7     hypothetical. Assuming the times are correct that there  
8     was an arrest at 17:08 and the code team was present is  
9     the 17:13.

10            MR. PESKIN: And not before?

11            MS. MATTHEWS: I don't care. Let's start over.  
12     I just want the question and answer to go together.

13            Q     Assuming the patient arrested at 17:08, okay?

14            A     Yes.

15            Q     And that the code team was present at 17:13.

16            A     For the first time or that they were present in  
17     the room?

18            Q     They were present in the room at 17:13. I'd  
19     like you to explain to me what your understanding is  
20     that occurred between 17:08 and approximately 17:13,  
21     based on the depositions you've read and the code sheet,  
22     based on everything you've reviewed, what do you believe  
23     was happening between the five minutes of the arrest and  
24     17:13?

25            A     Well, when a code is called, many things

1 happen. I think this is pretty universal around the  
2 country. It's probably true in this case as well. A  
3 call goes out by some mechanism trying to reach the  
4 people on the code team. Often people will be wearing  
5 code beepers, sometimes overhead pages are done and  
6 people will come from wherever they are as quickly as  
7 they can to arrive at the scene of the code. Of course,  
8 it takes time to come from wherever you are. You may be  
9 in the operating room, you may be down in the cafeteria,  
10 but generally, it takes a few minutes for the code team  
11 to physically get from where you are to the site of the  
12 code.

13 Q Okay. So the code team was trying to arrive,  
14 correct?

15 MR. PESKIN: Objection.

16 THE WITNESS: The code team did arrive.

17 BY MS. MATTHEWS:

18 Q During that interval, the code team was coming  
19 to the code?

20 A That's my understanding.

21 Q What was happening with Larita Dunham between  
22 17:08 and 17:13?

23 MR. PESKIN: Objection.

24 THE WITNESS: I'd have to look at the records  
25 in the depositions.

1 BY MS. MATTHEWS:

2 Q Well, you did.

3 A Right. But I haven't memorized them. There's  
4 a big difference between looking at 3,000 pages of  
5 documents and memorizing 3,000 pages of documents.

6 MR. PESKIN: Laurel, he's not going to be  
7 offering opinions as to any of this.

8 MS. MATTHEWS: I'm just asking him if he knows  
9 what happened in that five minutes in terms of the care  
10 rendered to Larita Dunham.

11 Q Do you know what Ms. Honaker did after she  
12 called the code team?

13 A Yes. Can you hold on for one moment?

14 Q Uh-huh. I take it you're looking at something.

15 A Yes. At this time I'm reading through Nurse  
16 Honaker's deposition. You were asking me what she was  
17 doing during that time, and I'm looking at her  
18 deposition so I can see what she said she was doing at  
19 that time since I wasn't there.

20 Q Okay. That's fine.

21 A I don't see the point -- I may be missing this,  
22 of course, but I don't see the point in Nurse Honaker's  
23 deposition where she was specifically asked what she was  
24 doing in those five minutes. I see a lot of questions  
25 about what was she was doing before those five minutes,

1 and I see questions relating to after that time, and I  
2 may be missing this, but I don't see that she was asked  
3 that question.

4 Q What should Nurse Honaker have been doing  
5 during those five minutes after she called the code  
6 team?

7 MR. PESKIN: Objection. Now you're not asking  
8 him what is in the record. You're really wanting him to  
9 get into his opinion as to what should happen during a  
10 code when he said he's not going to testify to that.

11 MS. MATTHEWS: I just want him to answer the  
12 question, and this isn't about the code.

13 Q This is about what you believe Nurse Honaker  
14 should do after she discovers a patient is not breathing  
15 after she calls the code team.

16 A Generally, in a situation like this the nurse  
17 will attempt to stabilize the patient to the best of her  
18 ability.

19 Q How does a nurse do that?

20 A There are various things she can do depending  
21 on what she has been trained to do. If she feels  
22 uncomfortable doing CPR, she can do that prior to the  
23 arrival of the code team. If she feels that the code  
24 team is coming down the hall, she may feel that may be  
25 more detrimental to the patient.



1           Q    Are the labor-and-delivery nurses in your  
2 hospital CPR certified?

3           A    Some of them are. To the best of my knowledge,  
4 none of them are ACLS certified.

5           Q    Do you think that all labor-and-delivery nurses  
6 should know how do do CPR?

7           A    It probably wouldn't be a bad idea.

8           Q    Do you think that the standard of care requires  
9 it?

10          A    No.

11          Q    Do you know what -- if it is a hospital policy  
12 that requires nurses to be CPR certified?

13          A    At what hospital?

14          Q    At yours.

15          A    I do not know the answer to that.

16          Q    Do you know if there is a policy at Metro that  
17 requires it?

18          A    I don't know.

19          Q    If a nurse was CPR certified, would she be  
20 expected to institute CPR while she was waiting for the  
21 code team to arrive?

22          A    I'd expect them to stabilize the patient. I am  
23 aware of studies recently that have shown that the vast  
24 majority of in-hospital codes have very poor long-term  
25 outcomes, regardless of whether CPR is initiated by the

1 nurses prior to the code team arriving or not.

2 Q That's a different question, isn't it?

3 A I'm sorry?

4 Q That's a different question.

5 A I think that really relates very much to that  
6 interval. It's certainly an important question is when  
7 a nurse calls a code, what is she to be doing, and I  
8 think it's getting to be common knowledge that it  
9 probably doesn't make any difference. In other words,  
10 the nurse could start pounding on the patient's chest,  
11 the nurse could start doing mouth-to-mouth, but in the  
12 few moments that the code team is coming down the hall,  
13 I don't think it makes any difference.

14 Q So that's not something you expect the nurse to  
15 do?

16 MR. PESKIN: Objection.

17 THE WITNESS: No.

18 MS. MATTHEWS: I don't have any more questions.

19 THE WITNESS: Thank you.

20 MR. PESKIN: Will read.

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I, BRUCE L. FLAMM, M.D., do hereby declare  
under penalty of perjury that I have read the foregoing  
transcript; that I have made any corrections as appear  
noted, in ink, initialed by me, or attached hereto; that  
my testimony as contained herein, as corrected, is true  
and correct.

EXECUTED this \_\_\_\_ day of \_\_\_\_\_,  
20\_\_\_\_, at \_\_\_\_\_, \_\_\_\_\_  
(City) (State)

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BRUCE L. FLAMM, M.D.

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I, the undersigned, a Certified Shorthand Reporter of the State of California, do hereby certify:

That the foregoing proceedings were taken before me at the time and place herein set forth; that any witnesses in the foregoing proceedings, prior to testifying, were placed under oath; that a verbatim record of the proceedings was made by me using machine shorthand which was thereafter transcribed under my direction; further, that the foregoing is an accurate transcription thereof.

I further certify that I am neither financially interested in the action nor a relative or employee of any attorney of any of the parties.

IN WITNESS WHEREOF, I have this date subscribed my name.

Dated: JUN 16 2011

Jennifer D. Barker  
JENNIFER D. BARKER  
CSR No. 12168