

**In The Matter Of:**  
*Board of Registration in Medicine v.*  
*Padmanabhan, M.D.*

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*Bharanidharan Padmanabhan, M.D.*  
*January 14, 2015*

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*Jones & Fuller Reporting*  
*10 High Street, Suite 702*  
*Boston, MA 02110*

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1 Volume: III  
 2 Pages: 322-521  
 3 Exhibits: --

4  
 5 COMMONWEALTH OF MASSACHUSETTS  
 6 DIVISION OF ADMINISTRATIVE LAW APPEALS  
 7 Docket No. RM-14-363  
 8 ----- x  
 9 BOARD OF REGISTRATION IN MEDICINE,  
 10 Petitioner,  
 11 v.  
 12 BHARANIDHARAN PADMANABHAN, MD,  
 13 Respondent.  
 14 ----- x

15  
 16  
 17 HEARING BEFORE MAGISTRATE KENNETH BRESLER  
 18 Wednesday, January 14, 2015  
 19 10:02 a.m. to 4:02 p.m.  
 20 Civil Service Commission  
 21 One Ashburton Place, Room 503  
 22 Boston, Massachusetts  
 23  
 24 Reporter: Marianne R. Wharram, CSR/RPR

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1 A P P E A R A N C E S  
 2  
 3 BOARD OF REGISTRATION IN MEDICINE  
 4 (BY JAMES PAIKOS, ESQ.)  
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 17  
 18 ALSO PRESENT:  
 19  
 20 LORETTA J. COOKE, BSN, RN, LNC  
 21  
 22  
 23  
 24

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1 I N D E X  
 2 WITNESS DIRECT CROSS REDIRECT RECROSS  
 3 RACHEL NARDIN, MD  
 4 (BY MR. PAIKOS) 327 353  
 5 (BY DR. PADMANABHAN) 340  
 6 BARRY LEVIN, MD  
 7 (BY MR. PAIKOS) 359  
 8 (BY DR. PADMANABHAN)  
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1 P R O C E E D I N G S  
 2 THE MAGISTRATE: We are on the record.  
 3 Your name is?  
 4 COURT REPORTER: Marianne Wharram. My  
 5 card is actually just under your gray binder there.  
 6 One more.  
 7 THE MAGISTRATE: Ms. Wharram, if  
 8 anybody is not clear, you'll speak up and let us  
 9 know?  
 10 COURT REPORTER: Absolutely.  
 11 THE MAGISTRATE: Today is January 13th,  
 12 (sic) 2015. This is appeal whose docket number is  
 13 RM-14-363. The hearing -- let me back up. The  
 14 petitioner is the Board of Registration in  
 15 Medicine. The respondent is Bharanidharan  
 16 Padmanabhan, MD. I'm the administrative  
 17 magistrate, Kenneth Bresler. James Paikos,  
 18 Esquire, represents the petitioner. With him is  
 19 Loretta Cooke, Registered Nurse, who is a clinical  
 20 care investigator for the board. References on  
 21 yesterday's record to Ms. Cooke are to her. She's  
 22 also a potential witness in the case.  
 23 Dr. Padmanabhan represents himself. The parties'  
 24 representatives are present and have filed their

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1 notices of appearance.  
2 All electronic devices that make noise  
3 should be off. There will not be and should not  
4 have been any recording devices or cameras being  
5 used in the hearing today. Mr. Paikos has given us  
6 a preview of the reasons for Dr. Carter's  
7 testimony. Is that what's next?  
8 **MR. PAIKOS:** Yes, Dr. Nardin.  
9 **THE MAGISTRATE:** Nardin?  
10 **MR. PAIKOS:** Yes.  
11 **THE MAGISTRATE:** And that is background  
12 for how the Cambridge Health Alliance asked the  
13 respondent to leave, Mr. Paikos has said in his  
14 background. I note and want you to note,  
15 Dr. Padmanabhan, that the statement of allegations  
16 against you, the heart of them does not include  
17 Cambridge Health Alliance asking you to leave.  
18 This hearing is not about Cambridge Health  
19 Alliance. It is not about the Cambridge Health  
20 Alliance asking you to leave and whether the  
21 Cambridge Health Alliance was right or wrong to do  
22 so. I'm not being asked to decide who is right,  
23 you or Cambridge Health Alliance. It is possible  
24 that you established that Cambridge Health Alliance

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1 was wrong to discharge you and I still decide the  
2 Board of Registration in Medicine has proved its  
3 allegations against you. I'm saying this for at  
4 least two reasons; to give you perspective over the  
5 forthcoming testimony answers, explaining why I may  
6 not allow this hearing to spend excessive time on  
7 this issue. I emphasize the word excessive. We  
8 are spending time on this issue.  
9 With that, are there any other  
10 preliminary matters?  
11 **MR. PAIKOS:** No, sir.  
12 (Dr. Padmanabhan gesturing.)  
13 **THE MAGISTRATE:** Are you ready to call  
14 your witnesses?  
15 **MR. PAIKOS:** Yes. We call Dr. Nardin  
16 to the stand.  
17 RACHEL NARDIN, MD,  
18 a witness called on behalf of the Petitioner,  
19 having first been duly sworn by the Magistrate,  
20 was examined and testified as follows:  
21 **THE MAGISTRATE:** Thank you. Please be  
22 seated.  
23 **DIRECT EXAMINATION**  
24 Q. (BY MR. PAIKOS) And Dr. Nardin, could you

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1 state your first and last name, spelling your last  
2 name?  
3 **A. Rachel Nardin, N-A-R-D-I-N.**  
4 Q. And you're a neurologist?  
5 **A. Yes.**  
6 Q. Are you board-certified?  
7 **A. Yes.**  
8 Q. And where do you currently work?  
9 **A. At Cambridge Health Alliance.**  
10 Q. How long have you worked there?  
11 **A. Since July of 2009.**  
12 Q. And was part of -- and at a certain point,  
13 were you chief of neurology?  
14 **A. In December of 2009, I became chief.**  
15 Q. And as chief, does part of your job entail  
16 reviewing the work of other neurologists at  
17 Cambridge Health Alliance?  
18 **A. It does.**  
19 Q. Cambridge Health Alliance has several  
20 campuses?  
21 **A. Yes.**  
22 Q. What are they?  
23 **A. The Cambridge Hospital, the Whidden**  
24 **Hospital, and there's Somerville Hospital.**

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1 Q. And the Whidden Hospital is in Everett,  
2 Massachusetts?  
3 **A. It is.**  
4 Q. Did Dr. Padmanabhan work for Cambridge  
5 Health Alliance?  
6 **A. Yes.**  
7 Q. And as part of your role as chief, was that  
8 to review -- I may have already asked you this --  
9 the work of the other people in your department,  
10 other neurologists?  
11 **A. Yes.**  
12 Q. Any issues that you saw with  
13 Dr. Padmanabhan's performance?  
14 **A. Yes.**  
15 Q. And what were they?  
16 **A. Well, when I became chief, there were four**  
17 **areas of concern. The first was Dr. Padmanabhan**  
18 **had a lot of open patient records, which means that**  
19 **the -- there was no note or inadequate notes on the**  
20 **patients that he had seen, and the charts were not**  
21 **closed for billing, which means that the hospital**  
22 **cannot collect reimbursement for those visits.**  
23 **There was also concern about his practice of**  
24 **prescribing pain medications to patients in large**

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1 quantities without adequate monitoring. There was  
2 some concern about his diagnosis of multiple  
3 sclerosis and management of those patients, and  
4 there were concerns about unprofessional behavior  
5 in his interactions both with patients and with  
6 other staff at the hospital.  
7 Q. And at some point, was he put on probation?  
8 A. In July -- after -- yes, in July, I think  
9 it was July of 2010.  
10 Q. Prior to that, did you have discussions  
11 with him about the issues you talked about?  
12 A. Yes, both -- largely because I had become  
13 chief in December 2009 and I was trying to do a lot  
14 of different things. A lot of the work to try to  
15 help Dr. Padmanabhan over those first months was  
16 done in part by Dr. Glick, my predecessor, who was  
17 helping him with documentation, and some by the  
18 department administrator, who was trying to help  
19 him work on closing his charts.  
20 Q. And what did the probation involve? How  
21 did that come about and what did it involve?  
22 A. Well, the probation came about because we  
23 wanted to see whether we could help  
24 Dr. Padmanabhan, you know, improve his behavior in

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1 these areas to a satisfactory degree, and so the  
2 four areas of concern that I outlined were  
3 explained to Dr. Padmanabhan and we tried to make  
4 clear what he needed to do to be, you know, a  
5 functioning member of the department, and it  
6 included making sure that there were notes in every  
7 patient chart and closing those charts according to  
8 department standard, which is within 48 hours. We  
9 really worked hard with him to try to get him to  
10 either discharge the pain patients or work with  
11 them to come up with a plan for management that was  
12 more consistent with what we felt was a community  
13 standard of care. And we tried to help him  
14 understand the nature of his unprofessional  
15 interactions with other people and provide some  
16 coaching. And so the probation was a period that  
17 was designed to see whether he could improve his  
18 performance in those areas.  
19 Q. Did you -- what's a 360 review?  
20 A. So that's something that the hospital does  
21 and I do in my division as a way of trying to  
22 assess the performance of division members, so it's  
23 you ask questions about professional behavior and  
24 clinical performance of a doctor's colleagues, and

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1 so doctors that refer to you, primary care doctors,  
2 and also staff who work with you, nurses in the  
3 clinic or the administrators, so we did one of  
4 those before the probation period started, and the  
5 poor performance or poor responses to that review  
6 were part of what made us -- made me feel that we  
7 needed to do the probation, and then we repeated it  
8 after the probationary period, I think in September  
9 to try to give us some sense of whether there had  
10 been improvement in the view of other doctors and  
11 staff that Dr. Padmanabhan worked with.  
12 Q. Was there some improvement?  
13 A. There -- I mean, there was some --  
14 Dr. Padmanabhan had made some improvement in terms  
15 of closing charts, although there were still many  
16 charts open during the probation period. At one  
17 time, I think he still had 30 patient charts open,  
18 and there were, you know, in some areas of the 360,  
19 you know, it varied. I would say overall, there  
20 was not any significant improvement and we were  
21 most concerned by the fact that some of the  
22 comments that the physicians write in the review  
23 just suggested that Dr. Padmanabhan had lost the  
24 confidence of the physicians that referred to him

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1 and the physicians that he worked with.  
2 Q. What was the -- was there a decision made  
3 on how to proceed with Dr. Padmanabhan as a member  
4 of the staff at Cambridge Health Alliance?  
5 A. Well, at the end of the probationary  
6 period, Dr. Bor, my direct supervisor, the head of  
7 the Department of Medicine, and I reviewed the  
8 intervening evidence over the probationary period,  
9 and there were still complaints coming in from  
10 other doctors about unprofessional behavior, still  
11 difficulty closing charts, still not dramatic  
12 improvement on the 360, so we felt that reviewing  
13 that evidence that there had not been sufficient  
14 improvement that we felt comfortable that  
15 Dr. Padmanabhan was practicing to a standard -- a  
16 community standard of care and we didn't feel  
17 comfortable having him on the staff, and our plan  
18 had been to meet with him, review this, and do a  
19 more extensive review at the departmental level.  
20 We had still been sort of at the division level.  
21 So our plan had been -- and that might have  
22 included things like outside record review, so our  
23 plan had been to move forward with that process.  
24 And I think we also -- I think -- it's hard for me

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1 to remember exactly. I think we also met again and  
2 decided that after reviewing all that evidence that  
3 we were so concerned about the level of performance  
4 that, you know, we were going to terminate the  
5 contract, which the contracts are written that you  
6 can terminate them with 90 days notice without any  
7 cause, and we felt we had, you know, sufficient  
8 cause, and so I think our plan had been to meet  
9 with him and explain that we wanted to terminate  
10 his contract for lack of improvement, and then  
11 there was an intervening event.  
12 Q. And were there initially -- you told us  
13 before the probation period there were issues  
14 clinically potentially that you thought were there.  
15 Did those go away after the 360 reviews and doing  
16 further review yourself?  
17 A. They did not appear to have. You know,  
18 Dr. Padmanabhan had assured us that he was  
19 discharging his pain patients and not writing  
20 further narcotic prescriptions for most of them,  
21 and when Dr. Bor went back subsequently and did a  
22 review of that -- I think he pulled all the patient  
23 -- the records of all the patients that  
24 Dr. Padmanabhan had been prescribing narcotics

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1 to -- he found that that wasn't true. So you know,  
2 the patterns of behavior that caused clinical  
3 concern seemed to be continuing despite  
4 Dr. Padmanabhan's assurance to us that they  
5 weren't, so there was sort of a discrepancy.  
6 Q. And you mentioned an intervening event, and  
7 I'm going to approach with a copy of the -- the  
8 pseudonym list, most of it covered except for  
9 Patient A. I'm going to show you what's a list of  
10 pseudonyms of names where rather than calling the  
11 patient by name, we're referring to them by  
12 Patient A, B, etc. I've just shown you Patient A.  
13 You mentioned an intervening event. What was that?  
14 A. Well, Patient A had died. He was found I  
15 think in his car, comatose, and then died of what  
16 is presumed to be a respiratory arrest. And it was  
17 presumed by the emergency department staff that  
18 this was an opioid overdose. And I don't know  
19 myself if that was confirmed by the medical  
20 examiner or anything, but that was the presumption  
21 at the time, and this was a patient that  
22 Dr. Padmanabhan had been prescribing very large  
23 amounts of narcotics to. I was informed of this by  
24 the patient's primary care doctor, and so we felt

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1 that, you know, although we weren't sure, there  
2 seemed at least a possibility that Dr. Padmanabhan  
3 had provided this patient with excessive narcotics  
4 and that had led to the patient's death. And so  
5 this caused us to derail our former plan of action  
6 and Dr. Bor decided to ask the medical staff, you  
7 know, to suspend Dr. Padmanabhan's privileges at  
8 the hospital.  
9 Q. And --  
10 THE MAGISTRATE: What was the time  
11 frame? When did that happen? And he asked who,  
12 and was it granted, and when did he want the  
13 privileges suspended?  
14 A. I believe that we were planning to --  
15 Dr. Padmanabhan was away. The probationary period  
16 ended in September.  
17 THE MAGISTRATE: Okay. Of which year?  
18 A. Dr. Padmanabhan had a vacation of several  
19 weeks in September.  
20 THE MAGISTRATE: September of which  
21 year?  
22 A. Of 2010. And then I'm not sure of the  
23 exact date of the death. I believe it was late  
24 October. I think it was early November. And then

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1 immediately after the death, within days, Dr. Bor  
2 asked the medical executive committee to suspend  
3 privileges.  
4 Q. And did that happen?  
5 A. It did.  
6 THE MAGISTRATE: Okay. I return the  
7 questioning back to Mr. Paikos.  
8 Q. (BY MR. PAIKOS) At some point, was there a  
9 hearing after that suspension regarding  
10 Dr. Padmanabhan?  
11 A. Yes.  
12 Q. Do you know if there were records presented  
13 by Dr. Padmanabhan's attorney in part of their  
14 case?  
15 A. Yes.  
16 Q. After -- at some point, did you review  
17 records that were sent to an outside agency or  
18 outside company for review?  
19 A. I did.  
20 Q. And how did you determine what records  
21 those were?  
22 A. Well, my memory is that seven of the cases  
23 were actually chosen by Dr. Padmanabhan and his  
24 counsel in the fair hearing as evidence of his

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1 **exemplary practice and three of them were cases**  
2 **that I had chosen that I had concern about the**  
3 **quality of care.**  
4 Q. And do you know if a review was done?  
5 **A. It was.**  
6 Q. Do you remember what company it was?  
7 **A. It was Greeley.**  
8 **MR. PAIKOS:** I don't have any further  
9 questions.  
10 **THE MAGISTRATE:** Dr. Nardin,  
11 Dr. Padmanabhan may have some questions for you.  
12 **DR. PADMANABHAN:** Your Honor, as I said  
13 yesterday, I'm still immersed in Dr. Levin's  
14 testimony, so I would like to call her back an  
15 additional two days.  
16 **THE MAGISTRATE:** Okay. My ruling  
17 stands from yesterday. Do you have any questions  
18 for her or not?  
19 **DR. PADMANABHAN:** I am not prepared for  
20 Dr. Nardin in the middle of Dr. Levin's testimony.  
21 After the government finishes its case --  
22 **THE MAGISTRATE:** Your opportunity to  
23 cross-examine Dr. Nardin is now.  
24 **DR. PADMANABHAN:** This is an ambush,

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1 Your Honor.  
2 **THE MAGISTRATE:** It's not an ambush.  
3 You know that Dr. Nardin was on the witness list  
4 and Mr. Paikos told me that he's calling Dr. Nardin  
5 this morning. He told me that -- told us that  
6 yesterday.  
7 **DR. PADMANABHAN:** Forty minutes is not  
8 enough to examine Dr. Nardin, cross-examine her.  
9 **THE MAGISTRATE:** We're now talking  
10 about another issue? Forty minutes?  
11 **DR. PADMANABHAN:** Yes. Mr. Paikos said  
12 yesterday she is only here for an hour.  
13 **THE MAGISTRATE:** Do you have questions  
14 for Dr. Nardin?  
15 **DR. PADMANABHAN:** I have lots of  
16 questions for Dr. Nardin, but I need more time.  
17 **THE MAGISTRATE:** Mr. Paikos, what's  
18 your understanding of Dr. Nardin's schedule?  
19 **MR. PAIKOS:** My understanding was -- my  
20 estimate was an hour, but my understanding was she  
21 has cancelled patients for the day, and we've  
22 scheduled our next patient at 11:00. That was  
23 based on my testimony and what would be expected to  
24 come after.

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1 **THE MAGISTRATE:** Dr. Padmanabhan, this  
2 is your opportunity to question Dr. Nardin. Do you  
3 have questions for her?  
4 **DR. PADMANABHAN:** Once again, Your  
5 Honor, if she is to leave at 11:00, there is simply  
6 not enough time.  
7 **THE MAGISTRATE:** Dr. Padmanabhan, this  
8 is your opportunity to question Dr. Nardin. We'll  
9 see how far you proceed and how much you have left.  
10 If you have questions for her, I suggest that you  
11 start now.  
12 **DR. PADMANABHAN:** I shall start now. I  
13 may need more time.  
14 **THE MAGISTRATE:** That is my  
15 understanding.  
16 **CROSS-EXAMINATION**  
17 Q. (BY DR. PADMANABHAN) Good morning,  
18 Dr. Nardin.  
19 **A. Good morning.**  
20 Q. You said that you became chief in December  
21 of 2009. At the fair hearing, did you not present  
22 evidence that you were reviewing my work even  
23 before you became chief?  
24 **A. I believe I did.**

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1 Q. And was it not shown that you started  
2 reviewing my work the day you joined work in  
3 July 2009, before you became chief?  
4 **A. I think I did not do a formal review until**  
5 **I became chief and it was my job. I had heard**  
6 **things about your performance that came to my**  
7 **notice before that.**  
8 Q. Between July 2009 and December 2009, was it  
9 your job to review my work?  
10 **A. Not formally, no.**  
11 Q. But you agree that you did?  
12 **A. I did not review you -- review your**  
13 **performance formally.**  
14 Q. At the fair hearing, you presented numerous  
15 documents, essentially a daily dossier that  
16 presented a daily review of my work in July 2009  
17 and December 2009, and they were presented as  
18 testimony under oath. Do you recall?  
19 **THE MAGISTRATE:** Well, that's a  
20 question rather than a statement.  
21 Q. (BY DR. PADMANABHAN) Do you recall that  
22 they were presented at the fair hearing?  
23 **A. I don't.**  
24 Q. Do you recall that you were questioned

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1 under oath about the daily dossier that you  
2 collected between July 2009 and December 2009?  
3 **A. No.**  
4 **MR. PAIKOS:** Objection as to the  
5 clarity of the question and already asked and  
6 answered.  
7 **THE MAGISTRATE:** Well, if the witness  
8 knows. The answer will stand.  
9 **Q. (BY DR. PADMANABHAN)** Do you recall that  
10 you were questioned about your looking into the way  
11 I functioned between July 2009 and December 2009?  
12 **A. Not looking into, no.**  
13 **Q. Dr. Nardin, what does a daily dossier mean**  
14 **to you?**  
15 **A. There was no daily dossier,**  
16 **Dr. Padmanabhan.**  
17 **Q. There was a 600-page dossier presented at**  
18 **the fair hearing, Dr. Nardin, 600 pages over ten**  
19 **months.**  
20 **THE MAGISTRATE:** Dr. Padmanabhan, could  
21 you format it as a question?  
22 **DR. PADMANABHAN:** Yes.  
23 **Q. (BY DR. PADMANABHAN)** So what would you  
24 call 600 pages over ten months?

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1 **THE MAGISTRATE:** That's presuming a  
2 fact that's not in evidence, so you need to  
3 establish that such a document does exist.  
4 **DR. PADMANABHAN:** It was presented  
5 under oath.  
6 **THE MAGISTRATE:** It's not here now.  
7 **DR. PADMANABHAN:** It goes to the  
8 credibility of her answer.  
9 **THE MAGISTRATE:** I'm not saying you  
10 can't ask the question --  
11 **DR. PADMANABHAN:** I understand.  
12 **THE MAGISTRATE:** -- but you have to  
13 establish that such a document exists.  
14 **DR. PADMANABHAN:** Would I be able to  
15 introduce it at this point?  
16 **THE MAGISTRATE:** No.  
17 **Q. (BY DR. PADMANABHAN)** So you --  
18 **THE MAGISTRATE:** But you may ask  
19 questions about it and establish that it exists.  
20 **Q. (BY DR. PADMANABHAN)** Do you recall  
21 presenting a large number of documents that formed  
22 the core review of my work?  
23 **A. No.**  
24 **Q. Do you recall writing notes on the margins**

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1 of my dictations?  
2 **A. No.**  
3 **Q. You said that you reviewed my work and my**  
4 **charts. How did you do that?**  
5 **A. As part of the -- during the probationary**  
6 **period, as I did for all members of the division, I**  
7 **did review some of your notes according to a**  
8 **standardized criteria of adequacy, so if that's**  
9 **what you're referring to, I did review some of your**  
10 **notes that way.**  
11 **Q. Do you recall reviewing my notes and**  
12 **writing on them your comments about the adequacy or**  
13 **inadequacy of the notes?**  
14 **A. I don't recall, but I might have.**  
15 **Q. Dr. Nardin, were you trained in multiple**  
16 **sclerosis?**  
17 **A. No.**  
18 **Q. Do you have any formal training in MS at**  
19 **all?**  
20 **A. All neurologists are trained in the**  
21 **management of multiple sclerosis.**  
22 **Q. All right. Do you have sufficient training**  
23 **to pass judgement over someone who has specific**  
24 **training in multiple sclerosis?**

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1 **A. I believe I do, yes.**  
2 **Q. We are talking about science, Dr. Nardin.**  
3 **We're not talking about personal belief.**  
4 **MR. PAIKOS:** Objection.  
5 **Q. (BY DR. PADMANABHAN)** As a matter of  
6 standard --  
7 **THE MAGISTRATE:** Objection is  
8 sustained. Dr. Padmanabhan, multiple sclerosis  
9 does not appear in the factual allegations.  
10 **DR. PADMANABHAN:** Yes, it does, sir.  
11 Patient H. Patient H was chosen by Dr. Nardin and  
12 Dr. Nardin has already testified here under oath  
13 that she chose three of the patients sent to the  
14 Greeley Company for review.  
15 **THE MAGISTRATE:** I'll give you some  
16 leeway in this line of inquiry.  
17 **DR. PADMANABHAN:** Thank you.  
18 **Q. (BY DR. PADMANABHAN)** So on the basis of  
19 what scientific criteria would you declare that you  
20 know more than an MS specialist?  
21 **MR. PAIKOS:** Objection.  
22 **THE MAGISTRATE:** I'm going to sustain  
23 the objection.  
24 **DR. PADMANABHAN:** May I ask why, just

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1 so I can understand?  
2 **THE MAGISTRATE:** It's generally not  
3 asked in courts for judges to explain their rulings  
4 on objections.  
5 **DR. PADMANABHAN:** The reason I ask is  
6 to reformulate the question.  
7 **THE MAGISTRATE:** This is getting far  
8 afield from the statement of allegations.  
9 Dr. Nardin has testified briefly, I believe for  
10 20 minutes, about the background of your leaving  
11 Cambridge Health Alliance and the Greeley report.  
12 **DR. PADMANABHAN:** Dr. Nardin has  
13 testified that my diagnosis of MS was one of her --  
14 **THE MAGISTRATE:** Dr. Padmanabhan, we're  
15 not going to get into a big discussion about my  
16 ruling and the objection. I just gave you a  
17 reason. I hope you were listening.  
18 **DR. PADMANABHAN:** I accepted the  
19 objection to that.  
20 **THE MAGISTRATE:** Then proceed and ask a  
21 question.  
22 Q. (BY DR. PADMANABHAN) You had said,  
23 Dr. Nardin, that my diagnosis of MS was one of the  
24 four concerns that you had, so my question is given

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1 that you didn't know anything about MS, how was  
2 that a concern for you.  
3 **MR. PAIKOS:** Objection. That's not the  
4 testimony, that she didn't know anything about MS.  
5 **THE MAGISTRATE:** I'm going to sustain  
6 the objection.  
7 Q. (BY DR. PADMANABHAN) Dr. Nardin, did you  
8 send my MS diagnoses to another MS specialist  
9 during July 2009 and October 2010?  
10 **A. I'm not sure I understand the question.**  
11 Q. Did you retain a trained MS specialist to  
12 review my diagnoses of MS between July of 2009 and  
13 October 2010?  
14 **A. I don't know about that time period. I**  
15 **know that some of the patients that you saw**  
16 **regarding MS saw other MS specialists.**  
17 Q. Right, but we are talking about your  
18 response to these four concerns. So during  
19 July 2009 and December 2010, when you were my chief  
20 and you were reviewing my work as part of your job  
21 as chief, did you engage the services of a trained  
22 MS specialist to overlook or oversee or give an  
23 opinion about my diagnosis of MS?  
24 **A. No.**

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1 Q. Would that not have been important to do?  
2 **MR. PAIKOS:** Objection.  
3 **THE MAGISTRATE:** I'll allow it.  
4 **A. No.**  
5 Q. (BY DR. PADMANABHAN) Dr. Nardin, you said  
6 that I was put on probation in July of 2010, that  
7 you testified to that under oath. Do you have any  
8 evidence to support that?  
9 **A. I kept minutes of our meetings and those**  
10 **minutes are my evidence that we met and discussed**  
11 **your probation.**  
12 Q. Were those minutes introduced at the fair  
13 hearing under oath?  
14 **A. I believe they were, yes.**  
15 Q. Were they or were they not, Dr. Nardin?  
16 **A. I don't remember exactly.**  
17 **THE MAGISTRATE:** We have the answer  
18 from the witness.  
19 **DR. PADMANABHAN:** We have a belief,  
20 Your Honor.  
21 **THE MAGISTRATE:** That's the witness'  
22 answer. And this hearing is not about the fair  
23 hearing that was held at the Cambridge Health  
24 Alliance.

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1 **DR. PADMANABHAN:** No, Your Honor. I'm  
2 asking her specifically about answers that she --  
3 **THE MAGISTRATE:** Dr. Padmanabhan, ask  
4 your next question.  
5 Q. (BY DR. PADMANABHAN) Dr. Nardin, you  
6 testified here today that you don't know if the  
7 patient's death was confirmed as an opiate  
8 overdose. Did you not ever look it up?  
9 **A. I don't remember at this point.**  
10 Q. You said that you were informed by the  
11 patient's primary care physician that his death was  
12 secondary to opiates prescribed by me. Do you have  
13 any evidence of that?  
14 **A. No. That was a -- that was a presumption,**  
15 **that it was a possibility.**  
16 Q. Between my suspension in November 2010 and  
17 the fair hearing in January of 2011, did you ever  
18 look into whether or not that was true?  
19 **THE MAGISTRATE:** I'm going to rule  
20 that's irrelevant. We're going to proceed on the  
21 statement of allegations and the investigation by  
22 the Board of Registration in Medicine that  
23 presented me those allegations, but not on what was  
24 investigated by another body.

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1 Q. (BY DR. PADMANABHAN) Dr. Nardin, you  
2 testified that you saw the records that were  
3 presented at the fair hearing, correct?  
4 **A. Correct.**  
5 Q. So you chose the three -- three of the ten  
6 patients that were -- whose charts were sent to the  
7 Greeley Company?  
8 **A. That's my recollection.**  
9 Q. And am I to assume, and we will ask the  
10 government to confirm, that Patient H was one of  
11 those selected by you to be sent to the Greeley  
12 Company?  
13 **THE MAGISTRATE:** That's not a proper  
14 question. You can ask was Patient H --  
15 Q. (BY DR. PADMANABHAN) Was Patient H chosen  
16 by you to be sent to the Greeley Company?  
17 **A. I don't know who Patient H is.**  
18 **THE MAGISTRATE:** Is this important to  
19 your case?  
20 **DR. PADMANABHAN:** Patient H is one of  
21 the witnesses.  
22 **THE MAGISTRATE:** Will Patient H be  
23 testifying?  
24 **MR. PAIKOS:** She may be testifying,

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1 yes.  
2 **THE MAGISTRATE:** Is there any problem  
3 with showing Dr. Nardin the order and just  
4 Patient H's real name?  
5 **MR. PAIKOS:** No. I can show that.  
6 **THE MAGISTRATE:** Mr. Paikos is  
7 approaching the witness with the impoundment order.  
8 **A. I don't recall.**  
9 Q. (BY DR. PADMANABHAN) Okay.  
10 **THE MAGISTRATE:** Okay, so Dr. Nardin,  
11 you did see the real name for Patient H?  
12 **A. Mm-hmm. Yes.**  
13 **THE MAGISTRATE:** And your answer is you  
14 don't recall?  
15 **A. Yes.**  
16 Q. (BY DR. PADMANABHAN) You don't recall  
17 anything about Patient H at this point?  
18 **A. I don't.**  
19 Q. Do you have any idea why you chose  
20 Patient H?  
21 **A. I don't.**  
22 Q. Do you remember the date that you and  
23 Dr. Bor approached the medical executive committee  
24 to suspend my privileges for being in immediate

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1 danger to public safety?  
2 **A. Not the exact date, no.**  
3 Q. If I told you it was November 9th --  
4 **THE MAGISTRATE:** I'm going to stop you  
5 right there. That's not a correct form of the  
6 question, as I stated at the beginning of the  
7 hearing.  
8 Q. (BY DR. PADMANABHAN) Do you recall  
9 informing me that my privileges had been suspended?  
10 **A. I don't.**  
11 Q. Do you recall how I was informed that my  
12 privileges had been suspended?  
13 **THE MAGISTRATE:** Dr. Padmanabhan, I'm  
14 giving you some leeway in this, but this is  
15 irrelevant to the hearing, your suspension from  
16 Cambridge Health Alliance. I'm informing you that  
17 I am giving you some leeway, but this is not highly  
18 relevant and is possibly irrelevant.  
19 **A. I don't recall exactly how it happened.**  
20 Q. (BY DR. PADMANABHAN) As division chief, is  
21 it not part of your job to tell your juniors that  
22 they are being let go or fired or suspended?  
23 **A. It's the job of either the division chief  
24 or the department chief.**

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1 Q. Do you recall if it was the department  
2 chief who delivered that news?  
3 **THE MAGISTRATE:** I'm going to -- this  
4 is irrelevant. If you have objections to what  
5 happened at Cambridge Health Alliance, that is not  
6 the subject of this hearing.  
7 **DR. PADMANABHAN:** No, sir. It's the  
8 credibility of the witness that's at issue.  
9 **THE MAGISTRATE:** This witness has  
10 testified to your being let go and how the Greeley  
11 report came about. Her credibility is not highly  
12 at issue. It is my determination.  
13 **DR. PADMANABHAN:** May I reserve the  
14 right to call her back at some point when I'm  
15 prepared for counter?  
16 **THE MAGISTRATE:** My ruling last week in  
17 writing stands. I'm not going to repeat it. Do  
18 you have any further questions for her today?  
19 **DR. PADMANABHAN:** No, Your Honor.  
20 **REDIRECT EXAMINATION**  
21 Q. (BY MR. PAIKOS) Just by way of brief  
22 follow-up, before you came to Cambridge Health  
23 Alliance, were you hired to become the chief?  
24 **A. No.**

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1 Q. You're board-certified in neurology?  
2 **A. Yes.**  
3 Q. And what's the name of the board that you  
4 are certified by?  
5 **A. The American Board of Psychiatry and**  
6 **Neurology.**  
7 Q. And are there subspecialties in that board?  
8 **A. There are.**  
9 **MR. PAIKOS:** I don't have any further  
10 questions.  
11 **THE MAGISTRATE:** Dr. Padmanabhan, do  
12 you have any follow-up questions to Mr. Paikos'  
13 questions?  
14 **DR. PADMANABHAN:** No, sir.  
15 **THE MAGISTRATE:** Okay.  
16 Dr. Padmanabhan, this is your opportunity to ask  
17 questions of Dr. Nardin. You said 40 minutes was  
18 not adequate. It sounds like you're done with your  
19 questions after 12 minutes.  
20 **DR. PADMANABHAN:** Your Honor, that's  
21 because I didn't have time to prepare. I was  
22 still, as I explained yesterday, immersed in the  
23 testimony of Dr. Levin. That's page by page.  
24 **THE MAGISTRATE:** Did you get the Board

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1 of Registration in Medicine's witness list?  
2 **DR. PADMANABHAN:** Yes, sir.  
3 **THE MAGISTRATE:** And you knew that  
4 Dr. Nardin would be testifying?  
5 **DR. PADMANABHAN:** After Dr. Levin, yes,  
6 sir.  
7 **THE MAGISTRATE:** You knew that she  
8 would be testifying at this hearing?  
9 **DR. PADMANABHAN:** Absolutely, sir. I  
10 did not anticipate her being snuck in for an hour  
11 in between.  
12 **THE MAGISTRATE:** She wasn't snuck in.  
13 The hearing started and the order of witnesses was  
14 not locked in. Okay, so if I rule against you,  
15 Dr. Padmanabhan, on your discovery, if I decide  
16 that discovery is complete and you do not need any  
17 more discovery to cross-examine witnesses like  
18 Dr. Nardin, you will not have another opportunity  
19 to question Dr. Nardin. I haven't ruled on your  
20 discovery request yet.  
21 **DR. PADMANABHAN:** Thank you.  
22 **THE MAGISTRATE:** But this may be your  
23 only opportunity to question her.  
24 **DR. PADMANABHAN:** I understand, sir.

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1 **THE MAGISTRATE:** Okay. Thank you for  
2 your testimony. You may step down.  
3 (Witness excused.)  
4 **MR. PAIKOS:** Let me see if our witness  
5 from yesterday is here. We anticipated an hour,  
6 but I think we can just check the hallway.  
7 **DR. PADMANABHAN:** Mr. Paikos, I am  
8 willing to stipulate that Dr. Levin is going to say  
9 the exact same things about Patient F through I as  
10 he said page by page on Patient A through E, so to  
11 move things along, I'm happy to not have him do  
12 that.  
13 **THE MAGISTRATE:** Dr. Levin's testimony  
14 has been helpful to me --  
15 **DR. PADMANABHAN:** All right.  
16 **THE MAGISTRATE:** -- as the finder of  
17 fact.  
18 **DR. PADMANABHAN:** But for two days now,  
19 he's been pretty much repeating himself.  
20 **THE MAGISTRATE:** I have not found him  
21 to be repeating himself and I need him to answer  
22 questions that I have.  
23 **DR. PADMANABHAN:** Very well, sir.  
24 **MR. PAIKOS:** I'll see if he's here.

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1 **DR. PADMANABHAN:** I was just trying to  
2 speed things up.  
3 (Off the record.)  
4 **THE MAGISTRATE:** Ms. Wharram, I'm going  
5 to ask you to keep transcribing, including the last  
6 comment by Dr. Padmanabhan, just hoping to speed  
7 things up, whatever he said, and Mr. Paikos, I just  
8 want to make sure that you are aware of that. I  
9 don't know if you were halfway out the door when  
10 Dr. Padmanabhan said he was just trying to speed  
11 things up.  
12 **MR. PAIKOS:** Yes, I was.  
13 **THE MAGISTRATE:** Do you need a few  
14 minutes to get organized?  
15 **MR. PAIKOS:** Yes, I do, actually. That  
16 would be great.  
17 **THE MAGISTRATE:** Does five minutes make  
18 sense?  
19 **MR. PAIKOS:** Yes.  
20 **THE MAGISTRATE:** Okay. A five-minute  
21 break.  
22 (Off the record.)  
23 (Recess taken from 10:36 to 10:41.)  
24 **THE MAGISTRATE:** We're back on the

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1 record.  
2 **MR. PAIKOS:** May we have a quick  
3 moment?  
4 **THE MAGISTRATE:** Before we resume  
5 testimony, I want to put these things on the  
6 record, which may or may not be necessary. Listing  
7 witnesses does not guarantee that they are called  
8 in that order. I want to point out that Dr. Levin  
9 could have ended his testimony at any time,  
10 including yesterday afternoon. I want to point out  
11 that Dr. Padmanabhan has had notice since 4 o'clock  
12 yesterday that Dr. Nardin would be testifying  
13 today. Dr. Padmanabhan proposed an Exhibit 11 that  
14 named Dr. Nardin. I get the impression that he has  
15 considered her his chief antagonist at the  
16 prehearing conference. Firstly, the hearing is not  
17 going to be about the Cambridge Health Alliance and  
18 its discharge of Dr. Padmanabhan. In other words,  
19 I anticipated that Dr. Nardin's treatment of  
20 Dr. Padmanabhan was an issue in Dr. Padmanabhan's  
21 mind and he's had plenty of time to prepare a  
22 cross-examination.  
23 Let's proceed with substantive  
24 testimony. Mr. Paikos, are you ready to proceed?

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1 **MR. PAIKOS:** Yes.  
2 **THE MAGISTRATE:** Dr. Levin, you're  
3 still under oath.  
4 **DR. LEVIN:** Yes, sir.  
5 BARRY LEVIN, MD  
6 RESUMED DIRECT EXAMINATION  
7 Q. (BY MR. PAIKOS) Doctor, you have in front  
8 of you the records for Patient F?  
9 **A. I do.**  
10 Q. Doctor, if you would go to Medical Record 8  
11 for this record, Bates 190?  
12 **A. I might -- I have that right here.**  
13 Q. Okay. Is there information in this summary  
14 regarding -- actually, if we could go to Medical  
15 Record 161, rather, I apologize, which is at  
16 Bates 192? Medical Record Number 166. I'm sorry  
17 if I misspoke. It's Bates number 192. And what  
18 kind of note is this?  
19 **A. This is an ED note.**  
20 Q. And what hospital is it from?  
21 **A. I believe it's Whidden Hospital.**  
22 **THE MAGISTRATE:** ED being emergency  
23 department?  
24 **A. Yes, sir.**

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1 Q. (BY MR. PAIKOS) And what does the person  
2 signing the note -- it's about Patient F. What  
3 does the patient report to her?  
4 **A. Patient states I am detoxing off heroin and  
5 alcohol.**  
6 **THE MAGISTRATE:** Okay, so I see that,  
7 Dr. Levin. Thank you.  
8 Q. (BY MR. PAIKOS) Now going to Medical  
9 Record 640 -- and what was the date of that record?  
10 I'm sorry.  
11 **A. 12/11/2009.**  
12 Q. Okay. If we go to Medical Record 640,  
13 which is at Bates 195? Doctor, I apologize. If  
14 you -- if you look at Medical Records 639 and 640,  
15 641 and 642, it looks like the encounter date for  
16 June 11th, 2010, starting at Bates 194, going to  
17 Bates 197.  
18 **A. I have reviewed this record.**  
19 Q. Okay. It's a note by Dr. Padmanabhan and a  
20 record regarding his encounter with the patient?  
21 **A. Yes.**  
22 Q. What does Dr. Padmanabhan prescribe to this  
23 patient?  
24 **A. Adderall.**

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1 Q. Was he within the standard of care in the  
2 treatment of this patient in this matter?  
3 **A. Yes.**  
4 Q. And why is -- is there a history relative  
5 to the patient's need for this medication?  
6 **A. The history as noted in the report is that  
7 patient told doctor that she had ADD as a child and  
8 was on Adderall with good effect, then went back on  
9 this medication three to four years previously and  
10 had been on it for three years.**  
11 Q. And he went on to prescribe the patient  
12 Adderall?  
13 **A. Excuse me?**  
14 Q. And he went to prescribe the patient  
15 Adderall?  
16 **A. I'm sorry. I don't understand the  
17 question.**  
18 Q. What did he prescribe the patient?  
19 **A. He prescribed Adderall.**  
20 Q. Okay.  
21 **THE MAGISTRATE:** This is  
22 Dr. Padmanabhan?  
23 **A. Yes, sir.**  
24 **THE MAGISTRATE:** Just to confirm, there

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1 is different names of providers that appear  
2 throughout medical records. I'm confirming that it  
3 was him.  
4 Q. (BY MR. PAIKOS) Would the patient's prior  
5 history of issues of substance abuse be important  
6 in prescribing to this patient?  
7 A. Yes.  
8 Q. And is there any history here relative to  
9 -- in Dr. Padmanabhan's note relative to an  
10 assessment?  
11 A. No. Excuse me. May I --  
12 Q. Yes.  
13 A. When you say assessment, are you saying  
14 that overall neurologic history, or are you saying  
15 an assessment in terms of drug abuse?  
16 Q. Drug abuse.  
17 A. I saw no indication of drug abuse in the  
18 patient history.  
19 Q. Would it have been correct to have put that  
20 in?  
21 A. Yes.  
22 Q. And why?  
23 A. It is very important history for any  
24 patient, and particularly a patient who you're

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1 considering prescribing abusable medication.  
2 Adderall is a medication that is oftentimes abused.  
3 It is a medication that is oftentimes prescribed.  
4 It would be important to know that this patient has  
5 a history of drug abuse, indeed quite serious drug  
6 abuse with heroin addiction.  
7 Q. Did he follow the standard of care in  
8 prescribing this medication to the patient?  
9 A. Yes.  
10 DR. PADMANABHAN: Could you repeat the  
11 question?  
12 MR. PAIKOS: Whether he followed the  
13 standard of care.  
14 Q. (BY MR. PAIKOS) And what about relative to  
15 obtaining the history? Did he follow the standard  
16 of care relative to that?  
17 A. The history as obtained and as listed is  
18 within the standard of care. It's difficult for me  
19 to state why such a significant history of drug  
20 abuse was not part of the history. I don't know if  
21 he didn't ask about it, if the patient just didn't  
22 tell him. That being said, the history as listed  
23 would be within the standard of care.  
24 Q. Is the absence of the history that we saw

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1 in the prior note from the same hospital, is that  
2 an issue, and if so, why?  
3 A. The absence of history would be a  
4 significant omission in the history. I don't know  
5 what records were available to the doctor. If the  
6 records were available to the doctor and he was  
7 indeed able to obtain this significant history of  
8 drug abuse by reviewing those records, then it  
9 would have been correct for him to have done so.  
10 Q. And if we go to the next record, Doctor, if  
11 you could go to -- this is -- you've been given the  
12 records for Patient G?  
13 A. Yes, sir.  
14 Q. If you could go to Bates stamp -- excuse  
15 me; Medical Record 364, Bates stamp 198, do you see  
16 that record? Or let me know when you get to that  
17 record.  
18 A. I have that record.  
19 Q. What is that a record of? What kind of  
20 record is that?  
21 A. This is a progress note.  
22 Q. And is there a note by Dr. Padmanabhan?  
23 A. Yes.  
24 Q. What does it tell us?

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1 A. The note states Imitrex, six milligrams  
2 subcu now.  
3 Q. And what is Imitrex?  
4 A. Imitrex is a medicine that falls into a  
5 group of medicines called triptans. These are  
6 specific medications used to treat migraine  
7 headaches. They help to cause a change in the --  
8 chemical changes in the lower portion of the brain  
9 that occurs with migraine headaches and oftentimes  
10 will help the migraine headache to resolve.  
11 Q. The only thing in this note, it says  
12 Imitrex and the milligrams, SC now. Was  
13 Dr. Padmanabhan's care at this time within the  
14 standard of care?  
15 A. Assuming that this is a progress note,  
16 giving information about the patient's visit, this  
17 would be below the standard of care.  
18 Q. Why?  
19 A. A progress note, as we've discussed  
20 previously with other patients, should include  
21 basic information, including history, examination,  
22 impression, and plan. There was no history, there  
23 was no examination, there was no impression, and  
24 the only plan that we see is the prescription of

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1 **the medication.**  
2 **THE MAGISTRATE:** Mr. Paikos, if I could  
3 ask some questions?  
4 **MR. PAIKOS:** Yes.  
5 **THE MAGISTRATE:** Dr. Levin, what does  
6 SC mean?  
7 **A. Subcutaneous. Under the skin.**  
8 **THE MAGISTRATE:** And can you tell from  
9 this medical record what the relationship between  
10 Marjorie Bowen, Registered Nurse, and the doctor  
11 is? I mean, is the doctor there and Ms. Bowen is  
12 writing the note, or did the doctor turn the care  
13 over to the nurse after examining the patient?  
14 What's the relationship between --  
15 **A. In reading the note --**  
16 **THE MAGISTRATE:** Yes.  
17 **A. -- it appears that the doctor has ordered**  
18 **the medication and the nurse actually administered**  
19 **the medication. This was given subcutaneously,**  
20 **injection under the skin, and she describes that**  
21 **the Imitrex was given subcutaneously in the left**  
22 **arm. Procedure was tolerated well. Twenty minutes**  
23 **after the injection, headache was improved.**  
24 **Discharged -- I believe that's discharged in stable**

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1 **condition. So the assumption would be that he was**  
2 **the ordering physician; she was the administering**  
3 **nurse.**  
4 **THE MAGISTRATE:** And what do you make  
5 of the note by Elaine Torres, Registered Nurse?  
6 **A. Ms. Torres describes the patient's history**  
7 **of headaches.**  
8 **THE MAGISTRATE:** So this is in reverse  
9 chronological order?  
10 **A. Well, these appear to be three separate**  
11 **notes. I don't know if we can say this is in**  
12 **reverse chronological order --**  
13 **THE MAGISTRATE:** 4:09 p.m., 4:24 --  
14 **A. -- indeed, as you say. So what we see is**  
15 **something being administered, something being**  
16 **ordered and then a history. Yes, I agree that**  
17 **would be a reverse order.**  
18 **THE MAGISTRATE:** So from your reading  
19 of the note, what's the relationship between Elaine  
20 Torres, Registered Nurse, taking the history and  
21 Dr. Padmanabhan ordering Imitrex?  
22 **A. I can only conjecture, and my guess looking**  
23 **at the note would be that Nurse Torres was the**  
24 **person who greeted the patient, took a history from**

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1 **her, related this information to the doctor. The**  
2 **doctor made the decision on treatment and then**  
3 **Nurse Bowen administered the treatment.**  
4 **THE MAGISTRATE:** And how does that  
5 relate to the standard of care, for a registered  
6 nurse to take history and pass it on to the doctor?  
7 **A. That's the usual standard of care.**  
8 **THE MAGISTRATE:** Okay.  
9 **Q. (BY MR. PAIKOS)** And once the doctor has  
10 the his-- has the history, someone comes in  
11 complaining of headaches, is that what the doctor  
12 relies on, or does he do -- he or she do a  
13 neurological exam, as we've discussed previously?  
14 **A. Standard of care would be to take his own**  
15 **history, to do his own examination, form his**  
16 **impressions, and formulate a plan.**  
17 **Q.** While also using the information from the  
18 nurse?  
19 **A. That's correct.**  
20 **THE MAGISTRATE:** So to ask the patient  
21 again?  
22 **A. Yes.**  
23 **Q. (BY MR. PAIKOS)** And do you still need to  
24 have some sort of diagnosis or suspected diagnosis?

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1 **A. Yes.**  
2 **Q.** And when I say do you need it, do you need  
3 it when prescribing medication?  
4 **A. Yes.**  
5 **Q.** And is Imitrex a narcotic, or not?  
6 **A. No.**  
7 **Q.** Does it matter whether something's a  
8 narcotic or not if you need to note the reasons for  
9 it in the diagnosis or potential diagnosis for  
10 prescribing something?  
11 **A. You need to have -- the standard of care is**  
12 **you need to have an impression prior to prescribing**  
13 **medication.**  
14 **THE MAGISTRATE:** And an impression in  
15 this case would be what, hypothetically?  
16 **A. Migraine without aura. Excuse me.**  
17 **Migraine without aura would be the likely**  
18 **diagnosis, reading the notes briefly here.**  
19 **THE MAGISTRATE:** But you would expect  
20 to see an impression more than that?  
21 **A. Sorry. I'm -- would you repeat the**  
22 **question, please?**  
23 **THE MAGISTRATE:** Would you expect to  
24 see more of an impression by the doctor listed in

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1 the notes?

2 **A. I would expect to see a full note. I would**

3 **expect to see a history, an examination, an**

4 **impression and then plan.**

5 **THE MAGISTRATE:** And hypothetically,

6 what would an impression be of a doctor examining

7 somebody who presents with a complaint of a

8 migraine?

9 **A. The impression oftentimes would be migraine**

10 **with aura, migraine without aura, migraine**

11 **headache, and then perhaps some elaboration as**

12 **well.**

13 **THE MAGISTRATE:** Appears to be in pain?

14 Is it an impression like a layperson uses it?

15 **A. No. The impression wouldn't be appears to**

16 **be in pain unless you don't have a diagnosis. If**

17 **you're not sure of the problem, you might say**

18 **patient presents with headache or history of**

19 **headaches, or appears to be in significant**

20 **discomfort, appears to be in significant pain.**

21 **Diagnosis is uncertain, but most likely, this**

22 **represents migraine without aura.**

23 **THE MAGISTRATE:** So impression is

24 roughly similar to diagnosis?

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1 **A. Yes.**

2 **THE MAGISTRATE:** Thank you.

3 **Q. (BY MR. PAIKOS)** If we go to Medical

4 Record 434, Bates 199, can you tell us what this

5 is? It says Lab and Imaging Order, but tell us

6 what significance they have.

7 **A. Sorry. The page number again, please?**

8 **Q. Medical Record 434.**

9 **A. I have that page.**

10 **Q. Okay. And it says Lab and Imaging Orders.**

11 **Take a look at this. And it's Dr. Padmanabhan**

12 **authorizing these orders?**

13 **A. Yes.**

14 **Q. And by taking a look at what is ordered,**

15 **what kind of tests or labs are ordered, are you**

16 **able to -- well, first, there are diagnoses listed**

17 **in here on this March 24, 2010, order, correct?**

18 **A. Yes.**

19 **Q. And what are they?**

20 **A. Migraine, fibromyalgia and inflammation of**

21 **the central nervous system.**

22 **Q. And what are migraines?**

23 **A. Migraine is a type of headache. How**

24 **detailed a discussion would you like me to give?**

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1 **Q. Just briefly, if there's a further**

2 **definition than a type of headache, but --**

3 **A. Migraine is a common type of headache. It**

4 **oftentimes has a hereditary component. It relates**

5 **to chemical changes in the lower portion of the**

6 **brain. As a result of that, there is an**

7 **enlargement of the blood vessels in the scalp over**

8 **the surface the brain. This results in a severe**

9 **throbbing headache over one side of the head or**

10 **another, it can be both sides, frequently preceded**

11 **by visual changes known as an aura, flashing**

12 **lights, blind spots, jagged lines, sensitivity to**

13 **light, vomiting. Oftentimes, a patient will be**

14 **quite ill with a migraine headache. It's a**

15 **recurrent type of headache. Some people will have**

16 **them once or twice a month. Others are unlucky**

17 **enough to have them more frequently. Some people**

18 **have them once a year.**

19 **Q. And fibromyalgia is a diagnosis listed here**

20 **on the lab and imaging orders. What is that,**

21 **briefly?**

22 **A. Fibromyalgia is a condition that is**

23 **sometimes difficult to diagnose and there are real**

24 **questions as to the cause of it, or some people**

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1 **even question the existence of the diagnosis, but I**

2 **think it probably is a real diagnosis. It results**

3 **in a chronic pain syndrome, typically with pain**

4 **involving different muscles, different portions of**

5 **the body. There may be involvement of joints as**

6 **well in terms of joint pain, but it's a**

7 **non-specific diffuse pain syndrome.**

8 **Q. And there is inflammation of the central**

9 **nervous system, and next to the prior two**

10 **diagnoses, there is something in brackets. If you**

11 **would just explain what those things in brackets**

12 **are?**

13 **A. Migraine, 346.90A. I believe that's the**

14 **coding for that specific diagnosis. There are**

15 **specific CPT codes for -- CPT is the coding that**

16 **doctors and other health professionals use to**

17 **indicate what diagnosis they're making, and that's**

18 **put into the computer for charges, for laboratory**

19 **studies, for defining the diagnosis.**

20 **Q. And so what does --**

21 **THE MAGISTRATE:** Mr. Paikos, if I could

22 jump in, CPT stands for what?

23 **A. I don't know.**

24 **THE MAGISTRATE:** Are these codes that

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1 are standard for medical providers and hospitals?  
2 **A. Yes.**  
3 **THE MAGISTRATE:** Are they just for  
4 billing and insurance purposes, or are there also  
5 non-financial purposes to standardized codes?  
6 **A. They have many purposes. I'm not an expert**  
7 **on CPT codes. It's difficult for me to answer your**  
8 **question, but they have many different purposes in**  
9 **addition to just for billing.**  
10 **THE MAGISTRATE:** Okay.  
11 **Q. (BY MR. PAIKOS) What is inflammation of**  
12 **the central nervous system?**  
13 **A. Inflammation of the central nervous system**  
14 **is a pathological description of changes in the**  
15 **central nervous system. Inflammation is the**  
16 **process that the body uses to protect itself.**  
17 **Protection from outside invaders, if you will. If**  
18 **a virus comes into the body, if bacteria comes into**  
19 **the body, the body will react to that by protecting**  
20 **itself. There's a mobilization of different cells,**  
21 **particularly what are called lymphocytes. There's**  
22 **a mobilization of different types of chemicals.**  
23 **This can result in antibodies. And there's a**  
24 **complex process where the body reacts to produce**

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1 **the process of inflammation. Inflammation is a**  
2 **description of a pathological process. It is not a**  
3 **specific diagnosis. There are many, many different**  
4 **conditions that involve inflammation. If you have**  
5 **an infection in the brain, encephalitis,**  
6 **meningitis, infection over the surface of the**  
7 **brain, that involves the process of inflammation.**  
8 **If you have a brain tumor, there will be**  
9 **inflammation around the tumor. If there is head**  
10 **injury with brain hemorrhage, with contusion of the**  
11 **brain, there will be inflammation around the area**  
12 **of the injury. If you have a stroke, there is**  
13 **inflammation around there. Multiple sclerosis is a**  
14 **condition that is felt to involve inflammation of**  
15 **the nervous system, the basic processes. It's an**  
16 **inflammatory process related to what's called an**  
17 **autoimmune disorder. The body makes a mistake,**  
18 **attacks normal tissue, resulting in an inflammation**  
19 **process. So this is a description not of a**  
20 **specific diagnosis, but of a pathological process**  
21 **within the brain.**  
22 **Similarly, inflammation can occur**  
23 **anywhere in the body. If you cut your finger, the**  
24 **body will mobilize. You typically do not die if**

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1 **you cut your finger, because of the cells, the**  
2 **different chemicals that protect you, and there**  
3 **will be a redness, a swelling, a little bit of**  
4 **tenderness. That's the process of inflammation,**  
5 **and that can occur anywhere in the body. That**  
6 **would not be a specific diagnosis, but rather a**  
7 **description of a pathological process.**  
8 **Q. When reviewing the records, were you able**  
9 **to see a note where these, you know, the diagnoses**  
10 **of migraine, fibromyalgia and the pathology of**  
11 **inflammation of the central nervous system were**  
12 **listed prior to this?**  
13 **A. I don't remember. I'd have to go back and**  
14 **look through this.**  
15 **Q. Did -- what are these? Do you see the**  
16 **tests listed? For what kind of -- what kind of**  
17 **tests are these?**  
18 **A. There's a number of screening tests that**  
19 **can be used to evaluate patients for a variety of**  
20 **different conditions, but looking through them, in**  
21 **general, these are tests that would fall into a**  
22 **couple of different categories. These are**  
23 **screening tests looking for inflammation. CRP,**  
24 **C-reactive protein, is a test just looking for**

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1 **overall body inflammation, non-specific. If**  
2 **somebody has a tumor, if there's a cancer,**  
3 **frequently, this will be elevated. If there is**  
4 **some type of infection, if you have pneumonia, some**  
5 **other type of infection, your CRP will be elevated.**  
6 **If you have leukocytosis, CRP likewise we'd expect**  
7 **to be elevated. There are other tests looking for**  
8 **neurologic disorders.**  
9 **Would you like me to tell you**  
10 **specifically a test and the diagnosis, or just**  
11 **overall?**  
12 **Q. If you'd tell us each test and what**  
13 **diagnosis?**  
14 **A. Rheumatoid factor would be looking for**  
15 **rheumatologic disorders. Ceruloplasmin,**  
16 **C-E-R-U-L-O-P-L-A-S-M-I-N, is a test for a disease**  
17 **called Wilson's disease. Methylmalonic acid is**  
18 **looking for B12 deficiency. Copper would also be**  
19 **looking for Wilson's disease. Anti-extractable**  
20 **nuclear antibody, also known as ANA, is looking for**  
21 **rheumatologic disease, as is lupus anticoagulant.**  
22 **That would be looking for vascular disease.**  
23 **Anticoagulant antibodies, A-N-T-I-C-O-A-G-U-L-A-N-T**  
24 **antibodies, are measures looking for vascular**

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1 disease. Factor 5 Leiden analysis --  
2 THE MAGISTRATE: Excuse me. I don't  
3 see Leiden.  
4 DR. PADMANABHAN: Yes, we don't have  
5 that.  
6 MR. PAIKOS: We have provided and we're  
7 going to rely on that first page, but Dr. Levin has  
8 the whole record in front of him.  
9 Q. (BY MR. PAIKOS) Now, Dr. Levin, thank you.  
10 The -- we talked about rheumatological disorders.  
11 Is there a specialty in medicine called  
12 rheumatology?  
13 A. Yes.  
14 Q. And what does that generally deal with?  
15 A. Rheumatologists are doctors who have the  
16 medical specialty involving disorders of the  
17 joints, muscles, oftentimes blood vessels. And  
18 this is a large variety of disorders that can  
19 involve inflammation and involve these areas of the  
20 body. It includes disorders like rheumatoid  
21 arthritis, lupus erythematosus, temporal arteritis,  
22 giant-cell arteritis, vasculitis, inflammation of  
23 the blood vessels, some of the muscle inflammatory  
24 diseases. There's a large amount of diseases that

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1 rheumatologists are experts in.  
2 Q. If we go to page -- Medical Record Number  
3 page 439 at Bates 200, if we could look at that  
4 note, with an encounter date of March 24th, 2010?  
5 A. Sorry. Was it 439 and 440 or just --  
6 Q. 439.  
7 A. Okay.  
8 Q. Did you review this note?  
9 A. I have reviewed the note.  
10 Q. Okay. Is this a -- is Dr. Padmanabhan's  
11 treatment and the note within the standard of care  
12 at this visit?  
13 A. This is below the standard of care.  
14 Q. And why?  
15 A. Looking at the history, he notes patient  
16 being upset, felt that she was treated badly by the  
17 rheumatologist. History is that she continues to  
18 have fibromyalgic pain. There is no other history  
19 in regards to the problems. We would expect there  
20 to be a more complete history. Examination, the  
21 same. There was no information at all in terms of  
22 what her exam was. I did not find a previous  
23 examination, so even with the information given  
24 exam the same, there is nothing to refer to. We

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1 don't know what it's the same as. Impression is  
2 CNS inflammation. That is the only diagnosis  
3 listed. CNS inflammation is a non-specific  
4 diagnosis of inflammation process. It is really  
5 not a usual and customary neurologic diagnosis.  
6 There are many diagnoses, many conditions that  
7 include CNS inflammation, but CNS inflammation by  
8 itself is a non-specific diagnosis. There is no  
9 explanation here why this impression isn't there.  
10 There is no discussion. There is nothing in the  
11 history that would suggest that there is CNS  
12 inflammation. The plan is to continue Topamax for  
13 migraines. May I go to the next page as well?  
14 THE MAGISTRATE: Before you do, can you  
15 tell us what CNS is?  
16 A. Sorry. Central nervous system. That would  
17 include the cerebral cortex, what we normally  
18 consider to be the brain, the lower portion of the  
19 brain known as the brain stem, the back part of the  
20 brain, the cerebellum, which is the fine control  
21 apparatus of the central nervous system, and the  
22 spinal cord. Those are all referred to as the  
23 central nervous system, as opposed to the  
24 peripheral nervous system, which is the nerves

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1 coming from the spinal cord out to the arms and the  
2 legs.  
3 THE MAGISTRATE: So no indication where  
4 that diagnosis, which is not standard, came from?  
5 A. That is correct.  
6 THE MAGISTRATE: And no treatment plan?  
7 A. There is a treatment plan.  
8 THE MAGISTRATE: For CNS inflammation?  
9 A. I don't know. There is on page 40 -- may I  
10 go to 440, because there is a medication on page  
11 440.  
12 MR. PAIKOS: 440 we did not provide.  
13 We provided on disk the full records of  
14 Dr. Padmanabhan earlier in the month before we  
15 provided discovery.  
16 THE MAGISTRATE: If it's not part of  
17 your case, then I won't ask about the treatment  
18 plan for CNS inflammation.  
19 MR. PAIKOS: I think it may be helpful  
20 for Dr. Levin to mention it, even if you don't have  
21 the record, if that's -- because it's part of his  
22 analysis and I think it completes what this note  
23 is, even though we did not include it.  
24 A. The only thing on page 440 is will start

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1 **Plaquenil. Tests ordered.**  
2 **DR. PADMANABHAN:** Objection.  
3 **THE MAGISTRATE:** Basis for your  
4 objection?  
5 **DR. PADMANABHAN:** Incomplete note.  
6 **THE MAGISTRATE:** Is your objection that  
7 he's talking about a document not in evidence?  
8 **DR. PADMANABHAN:** Yes. And I'm  
9 objecting that the government has not produced the  
10 remaining half of the note.  
11 **THE MAGISTRATE:** Mr. Paikos informed me  
12 that you turned over all documents on disk.  
13 **MR. PAIKOS:** Yes, the entire records on  
14 disk.  
15 **THE MAGISTRATE:** And that is a subject  
16 of your motion. I understand that,  
17 Dr. Padmanabhan. I'm going to allow this testimony  
18 and we will resolve the issue of the documents that  
19 you're getting on disk, and if you deserve a  
20 follow-up question when you have the documents,  
21 we'll -- we'll give you that. I will give you  
22 that.  
23 So I turn the questioning back to  
24 Mr. Paikos for Dr. Levin.

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1 Q. (BY MR. PAIKOS) What is -- we saw the  
2 plan, will continue with Topamax for migraines, and  
3 then on Medical Record 440, complete the picture  
4 that there was more to the plan. What was on that?  
5 What was part of that plan?  
6 **A. The plan is will continue Topamax for**  
7 **migraines. Will start Plaquenil. Tests ordered.**  
8 Q. What is Plaquenil?  
9 **A. Plaquenil is a medication that's commonly**  
10 **used for rheumatologic disorders.**  
11 Q. And what -- how does the Plaquenil work,  
12 briefly?  
13 **A. I don't know.**  
14 Q. Well, it's something for rheumatological  
15 disorders. Do you know what it's used for?  
16 **A. I believe it's commonly used for conditions**  
17 **like lupus, rheumatoid arthritis, other**  
18 **rheumatologic orders. It's not a medication I**  
19 **prescribe. It's not a medication commonly**  
20 **prescribed by a neurologist.**  
21 Q. Directing your attention to --  
22 **THE MAGISTRATE:** Mr. Paikos, before you  
23 move on, can you get us this page?  
24 **MR. PAIKOS:** I can get this. We have

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1 the disks here.  
2 **THE MAGISTRATE:** There's a copy in  
3 front of Dr. Levin, right?  
4 **MR. PAIKOS:** Yes.  
5 **THE MAGISTRATE:** So we can get a copy  
6 either now or later, introduce it into evidence and  
7 get a copy to Dr. Padmanabhan, aside from the  
8 electronic record?  
9 **MR. PAIKOS:** Yes. Okay.  
10 **THE MAGISTRATE:** I see you're nodding.  
11 Okay.  
12 Q. (BY MR. PAIKOS) Directing your attention  
13 to Patient G's medical record --  
14 **THE MAGISTRATE:** Actually, do you want  
15 to see that now?  
16 **DR. PADMANABHAN:** No, Your Honor, but I  
17 still think it's weird that they only produced  
18 one-half of the note.  
19 **THE MAGISTRATE:** Okay. We'll revisit  
20 that if you want when we talk about -- well, we'll  
21 revisit it another time. It's okay. So Mr. Paikos  
22 will get you and I a copy of that page and we'll  
23 introduce it into evidence.  
24 Q. (BY MR. PAIKOS) Bates number 201, which is

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1 Medical Record 444 --  
2 **A. Sir, this is a report that goes from**  
3 **pages 444 to 445?**  
4 Q. Yes.  
5 **A. Would you like me to look at that page as**  
6 **well?**  
7 Q. Yes, both pages. Thank you.  
8 **A. I do have that record.**  
9 Q. What kind of a report is it and by what  
10 kind of specialist?  
11 **A. This was dated March 30th, 2010. It is an**  
12 **MRI of the brain, denied contrast, and this is a**  
13 **report from a radiologist.**  
14 Q. And what do radiologists do?  
15 **A. Radiologists are medical doctors who**  
16 **specialize in a particular area of medicine that**  
17 **relates to imaging, and it's imaging of a portion**  
18 **of the body. This would include x-rays, CT scans,**  
19 **MRI, ultrasound, other types of scans, mammography,**  
20 **any test that involves an imaging of the body**  
21 **typically would be under the expertise of a**  
22 **radiologist.**  
23 Q. And it's ordered by Dr. Padmanabhan after  
24 that last note we saw and it has -- it says

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1 indication, fibromyalgia, migraines. What does the  
2 indication mean in that report, or what is -- on  
3 radiographic reports, what's indication on there  
4 for?  
5 **A. It's terminology used as reason for exam on  
6 this particular study. This is the information  
7 that the doctor wants to give to the radiologist to  
8 let him or her know why the test is being ordered  
9 to direct them to possible diagnoses that you are  
10 concerned about. Radiologists look at that. I  
11 think it does somewhat influence their reading, but  
12 they also will read the study just in general,  
13 looking for whatever abnormalities they find, but  
14 this would give the doctor some direction in terms  
15 of what your diagnosis is and your concerns about  
16 the patient may be.**  
17 **Q. And the next page, which is Bates 202,  
18 Medical Record 445, under impressions, what are the  
19 impression sections, typically?**  
20 **A. The impression section is the doctor's  
21 interpretation of the study.**  
22 **Q. And what is this radiologist telling a  
23 specialist, a neurologist, about his or her  
24 impressions on this test?**

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1 **A. May I read the impression and then  
2 translate it, perhaps?**  
3 **Q. Yes.**  
4 **A. The impression is mild non-specific  
5 supratentorial white matter changes, most prominent  
6 along the trigones of the -- T-R-I-G-O-N-E-S, of  
7 the lateral ventricles. There is a wide  
8 differential diagnosis, but common potential  
9 etiologies include idiopathic change or mild  
10 microvascular ischemia. Description. The  
11 supratentorial means the upper portions of the  
12 brain, the cerebral cortex, as opposed to lower  
13 portions of the brain, the brain stem. White  
14 matter refers to tissue in the brain. The brain  
15 consists mainly of gray matter and white matter.  
16 Gray matter is the neurons, the nerve cells. The  
17 white matter is the nerve fibers covered by a fatty  
18 material called myelin, and it gives you a lighter  
19 color, typically. So you have white matter, the  
20 gray matter. There is a mixture between the two,  
21 but in general, these are separate.**  
22 **The lateral ventricles, the ventricles  
23 are the normal fluid-filled spaces in the brain  
24 where the spinal fluid circulates. The lateral**

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1 **ventricles are on the sides and go posteriorly.  
2 Trigones are around the exterior portion of the  
3 lateral ventricle.**  
4 **The description here is mild and  
5 non-specific supratentorial white matter changes,  
6 so the doctor is saying that within the white  
7 matter, he is seeing white matter changes that are  
8 really quite mild and they're non-specific in terms  
9 of what they mean.**  
10 **Going back to the description of his  
11 findings, so typically, a doctor would give  
12 findings with detail and then an impression giving  
13 some description and conclusion. If we go back to  
14 the findings on page 444, the doctor notes there is  
15 mild non-specific poorly-defined T2 hyperintensity  
16 along the trigones of the lateral ventricles, and  
17 there is a tiny T2 hyperintense focus in the left  
18 frontal subcortical white matter. Sagittal FLAIR  
19 shows a normal corpus callosum. Again, going back,  
20 reviewing some of the anatomy, some of the jargon  
21 here, T2 refers to the process of doing the MRI.  
22 X-rays are done with x-ray procedures. The MRI is  
23 done with large magnets. The large magnets cause a  
24 depolarization of atoms. Energy is released from**

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1 **electrons and the machine defines that in a certain  
2 way to give very detailed pictures of a part of the  
3 body, here the brain that we're looking at. T2  
4 refers to spin on the electron. It can be T2, T1.  
5 T2 images look a certain way. T1 images look a  
6 certain way. That's jargon that they use to  
7 describe the image. So T2, for example, there can  
8 be areas of increased signal intensity, or  
9 hyperintensity, and those show up as white, or  
10 whiter areas. What the doctor is saying here is  
11 there is a tiny T2 hyperintense focus, so we see a  
12 little tiny white dot. And he saw that on the left  
13 side in the frontal region in the subcortical white  
14 matter. So cerebral cortex, in the area below the  
15 top of the cortex, subcortical. Tiny area, little  
16 tiny white dot, left side, frontal, subcortical.**  
17 **He also noted poorly defined T2  
18 hyperintensity, white matter changes that are  
19 really quite mild along the posterior portion, the  
20 back portion of the lateral ventricle.**  
21 **The sagittal FLAIR focus shows a normal  
22 corpus callosum is important in terms of the  
23 diagnosis. The corpus callosum is a large bundle  
24 of fibers that connects the two cerebral**

1 hemispheres. This particular area can be important  
 2 in certain diagnoses. Sagittal refers to the image  
 3 itself and the direction that we're seeing.  
 4 Sagittal indicates that we are looking at it from  
 5 the side, so we are looking at an image of the  
 6 brain from the side, looking at it in cross-section  
 7 from the side.

8 **THE MAGISTRATE:** And FLAIR means what?  
 9 **A. FLAIR is another type of measurement**  
 10 similar to T2, T1. FLAIR, I never remember what  
 11 the FLAIR stands for. Each letter stands for  
 12 something, F-L-A-I-R.

13 **THE MAGISTRATE:** It's a measurement?  
 14 **A. It's a measurement. And each change on the**  
 15 machine, the pictures will look different, so FLAIR  
 16 signal, you'll have different appearances to white  
 17 matter changes, to gray matter changes. Different  
 18 types of pathology will look different on T1, T2  
 19 and FLAIR. FLAIR is a good imaging study to look  
 20 for white matter changes, for example.

21 So going back again to the impression,  
 22 the other information we had was mild non-specific  
 23 supratentorial white matter changes, so these seem  
 24 to be very mild. They're non-specific. This does

1 **THE MAGISTRATE:** Overruled.  
 2 Q. (BY MR. PAIKOS) If we go to Patient G's  
 3 Medical Record 465, Bates 205, and it goes to  
 4 Medical Record 465 to 467, Bates 205 to 207 --  
 5 **A. I have reviewed the record.**  
 6 Q. And this is Dr. Padmanabhan's record?  
 7 **A. Yes.**  
 8 Q. And what -- what does this record talk  
 9 about? What is happening in this encounter of this  
 10 patient?  
 11 **A. The doctor notes the previous history of**  
 12 **her being quote/unquote diagnosed with**  
 13 **fibromyalgia. He was told that she had chronic**  
 14 **pain. Also listed other problems, including**  
 15 **fatigue, difficulty with attention, multitasking,**  
 16 **migraines, that they are variable in their**  
 17 **symptoms. There are weeks where she's much worse,**  
 18 **can barely get out of bed, balance problems at that**  
 19 **time, bumps into people. Some weeks she's much**  
 20 **better in terms of fibromyalgia, and at that time,**  
 21 **her balance is also better. Other difficulties**  
 22 **include muscle spasms.**  
 23 **THE MAGISTRATE:** Okay, Dr. Levin, so I  
 24 see that. I have that in front of me. Thank you.

1 not relate to a specific diagnosis. It's in the  
 2 white matter, most prominent at the back part of  
 3 the lateral ventricles, but again, really quite,  
 4 quite mild. There's a wide differential diagnosis,  
 5 so many possible diagnoses can give this, but most  
 6 commonly, this is idiopathic change, so mild blood  
 7 vessel changes, and indeed, most commonly, when you  
 8 see this, these are changes that are uncertain, but  
 9 typically limited clinical -- have limited clinical  
 10 correlation, which basically means that you see  
 11 these changes, you see little tiny white dots, but  
 12 most of the time, they mean nothing. The feeling  
 13 is these are probably normal changes that occur  
 14 that have no pathological significance.

15 Q. Now, those MRI's that are referenced, did  
 16 you review them yourself?  
 17 **A. I did.**  
 18 Q. Did you agree with the conclusions of the  
 19 radiologist here?  
 20 **A. Yes.**  
 21 Q. And if we could go to --  
 22 **DR. PADMANABHAN:** Objection. How? How  
 23 can he agree with the conclusions on a piece of  
 24 paper?

1 Q. (BY MR. PAIKOS) What does Dr. Padmanabhan  
 2 do? What does he discuss? Does he discuss the  
 3 MRI?  
 4 **A. He does.**  
 5 Q. And does he reach conclusions based on the  
 6 MRI?  
 7 **A. I'm sorry. The previous -- you did not**  
 8 **want to review the previous information prior to**  
 9 **that about the blood studies?**  
 10 Q. Well, there were blood studies as well?  
 11 **A. Yes. Prior to that, there was a discussion**  
 12 **that he did the comprehensive blood studies looking**  
 13 **for neuroinflammation as well as blood markers. I**  
 14 **believe those are the studies that we reviewed in**  
 15 **detail. And he notes the abnormal study that she**  
 16 **had.**  
 17 Q. So there are some that are normal, which  
 18 means doesn't have the condition, such as Wilson's  
 19 that he is looking for?  
 20 **A. Yes.**  
 21 Q. What's the abnormal one?  
 22 **A. The only abnormal blood marker was a**  
 23 **strongly positive anti-RNP that's greater than**  
 24 **eight, with a normal of 0.9 or less.**

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1 Q. And what does he think this is?  
2 **A. I don't know. His note is, which was very**  
3 **suggestive given her sister has lupus.**  
4 Q. Is lupus a rheumatological type of disease?  
5 **A. Yes.**  
6 Q. And does the test, the anti-RNP test, rule  
7 out rheumatological diseases?  
8 **A. Yes.**  
9 Q. Do you know what it is?  
10 **A. It's a disease that measures a certain**  
11 **protein. And I had not heard of this before, but I**  
12 **believe I gave you a reference that I got on this,**  
13 **and this is a test that would be suggestive of**  
14 **rheumatologic disorder.**  
15 Q. Of which lupus is one?  
16 **A. Correct.**  
17 Q. And anti-SM is negative, what is that?  
18 **A. I don't know.**  
19 Q. And does he discuss going through the MRI  
20 frame by frame with the patient?  
21 **A. Yes.**  
22 **THE MAGISTRATE:** Mr. Paikos, if I could  
23 jump in, have you tried to find out what anti-SM  
24 is?

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1 **A. I did not.**  
2 Q. (BY MR. PAIKOS) What are his findings here  
3 relative to what the MRI showed?  
4 **A. May I read his interpretation? I think**  
5 **it's probably important enough to read through this**  
6 **again. The sagittal FLAIR sequence, so this is a**  
7 **sequence looking at the brain from the side, with**  
8 **the FLAIR changes, shows numerous high signal**  
9 **lesions in all lobes, especially coming off the**  
10 **lateral ventricle. Perhaps if I may, I will read**  
11 **the note and then I will go back and interpret or**  
12 **explain what I think some of these things mean.**  
13 **Especially coming off the lateral ventricle. There**  
14 **is at least five clear Dawson's fingers. The**  
15 **pattern of distribution is very specific to**  
16 **multiple sclerosis. The lesions are also different**  
17 **ages and stages. Time parameter would be 2007.**  
18 **Swinton -- Swanton, excuse me, criteria. Would you**  
19 **like me to comment, or should I just wait for**  
20 **questions?**  
21 Q. What does his interpretation mean, or --  
22 you discussed the sagittal FLAIR sequence shows  
23 high signal lesions. What does that mean?  
24 **A. His interpretation was that there were**

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1 **numerous areas of abnormality on the MRI. These**  
2 **involved all of the lobes of the brain. These are**  
3 **high signal lesions, so areas of increased T2 or**  
4 **increased FLAIR signal, which show up as white**  
5 **areas of abnormality in the brain. He describes**  
6 **these in all the brain, especially coming off the**  
7 **lateral ventricle.**  
8 Q. He talks about he sees at least five clear  
9 Dawson's fingers?  
10 **A. Dawson fingers are a descriptive**  
11 **abnormality we see in brain MRI. It's an area of**  
12 **increased signal intensity, typically T2 or FLAIR**  
13 **signal. It looks like a finger perpendicular to**  
14 **the corpus callosum. That was the area that was**  
15 **the middle of the brain connecting the two portions**  
16 **of the brain, and Dawson's finger is when you see**  
17 **an area perpendicular to the corpus callosum. It**  
18 **shows white, somewhat thick, longer than it is**  
19 **wide, generally much longer than it is wide. Looks**  
20 **almost like a small finger. These are when seen**  
21 **nearly pathologic for multiple sclerosis. They are**  
22 **not a hundred percent pathologic. We can see them**  
23 **in other conditions as well, but if you see**  
24 **somebody who has symptoms that you believe -- signs**

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1 **and symptoms that are consistent with the diagnosis**  
2 **of MS and you see Dawson's fingers, that is very**  
3 **suggestive of the diagnosis of multiple sclerosis.**  
4 Q. In reviewing this patient's record up to  
5 now, did you say -- see -- well, with your review  
6 of the -- the radiologic -- radiologist's review of  
7 the MRI, did it mention Dawson's fingers?  
8 **A. No.**  
9 Q. In your practice, have you reviewed  
10 radiographic images, or radiographic reports  
11 previously?  
12 **A. May I make a further comment?**  
13 Q. Yes.  
14 **A. If we go back to the radiologist's**  
15 **report --**  
16 Q. Medical Record Number 444, Bates 201 to  
17 202.  
18 **A. Going to page 444, there is a specific**  
19 **remark by the radiologist at the end of that page,**  
20 **sagittal FLAIR shows a normal corpus callosum. So**  
21 **the radiologist is very specifically looking at the**  
22 **corpus callosum, looking for any type of**  
23 **abnormality, but especially Dawson's fingers. And**  
24 **the doctor is telling us, no, I do not see any**

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1 abnormality. Sorry. Would you repeat the other  
2 question?  
3 Q. So does the -- and specifically, it doesn't  
4 note that there were Dawson's fingers and this  
5 suggests that there was not?  
6 A. It says that the corpus callosum is normal.  
7 So the fact that it is normal suggests that he does  
8 not see Dawson's fingers. The report from the  
9 radiologist is a good one, appears to be a careful  
10 reading of the MRI. Certainly, if the doctor saw  
11 Dawson's fingers, it would be expected that he  
12 would mention that.  
13 Q. When you reviewed the MRI, did you see  
14 Dawson's fingers?  
15 A. No.  
16 Q. When diagnosing -- how do you -- how does a  
17 neurologist diagnose multiple sclerosis?  
18 A. It can be a complex diagnosis and the  
19 diagnosis of multiple sclerosis, or MS, has changed  
20 over time, especially in the past 20 years or so.  
21 Just a brief discussion of multiple sclerosis?  
22 Q. Yeah. What is it and how do you diagnose  
23 it?  
24 A. It's a disease of the central nervous

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1 system, the brain spinal cord. The brain stem only  
2 includes one peripheral nerve. That's the optic  
3 nerve. Here, it involves mainly the white matter.  
4 It involves the covering of the nerve fibers,  
5 called myelin, although it can involve the nerve  
6 fibers as well themselves, and there's a disruption  
7 of the myelin. So the myelin itself is affected.  
8 Probably, this is an autoimmune process. The body  
9 makes a mistake, will attack normal tissue. This  
10 results in inflammation of the myelin, sometimes of  
11 the nerves themselves. The symptoms relate to the  
12 specific areas of the central nervous system that  
13 are involved, and there can be a large variety of  
14 different symptoms that occur with multiple  
15 sclerosis; loss of vision, double vision,  
16 incoordination, difficulty speaking, numbness of  
17 the face, numbness anywhere in the body, weakness  
18 of one arm or leg, any combination thereof,  
19 imbalance, bladder difficulties. Pain can occur,  
20 but it's typically much less of a problem in  
21 multiple sclerosis. Cognitive difficulties can  
22 occur, but they are less severe than other  
23 neurologic conditions. And you can have any  
24 combination of symptoms and signs as you see

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1 different patients with multiple sclerosis. So  
2 somebody can present with difficulty speaking,  
3 coordination problems and difficulty walking. They  
4 may present with weakness and numbness.  
5 The neurological deficits, neurological  
6 symptoms typically occur in attacks and the attacks  
7 are known as exacerbations. So you'll have an  
8 attack. Something may happen. You may lose the  
9 vision in one eye. That vision will come back a  
10 few weeks later. A month later, six months later,  
11 something else happens. You have difficulty with  
12 your speech. Six months later, difficulty with  
13 coordination. So attacks, exacerbations and then  
14 remissions, an episode where something bad happens  
15 and then the patient may or may not get better,  
16 residual symptoms, and as time goes on, people tend  
17 to develop disability from the disease.  
18 The most common type of MS is relapsing  
19 remitting disease, these attacks that I described,  
20 periods where you improve. And there's a  
21 tremendously variable course that people can have,  
22 but that's typical what you see of attacks and  
23 periods of remission.  
24 The classical way to diagnose multiple

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1 sclerosis is multiple episodes, multiple attacks in  
2 space and in time, space meaning that it's in more  
3 than one portion of the central nervous system, so  
4 you may have a spinal cord lesion, a lesion  
5 referring to the area of abnormality. You may have  
6 a lesion in the brain stem, you could have a lesion  
7 in your cerebral cortex. You could have a lesion  
8 in the brain stem. So multiple areas. You don't  
9 have just one area of the nervous system involved.  
10 Again, so there's multiple lesions in space,  
11 multiple lesions over time. Something happens now,  
12 something in a month, something in six months,  
13 something in a year. And this is classical how we  
14 define the disease and diagnose the disease. The  
15 Poser criteria, Poser criteria, P-O-S-E-R criteria,  
16 is what I just described to you.  
17 Newer criteria came about called the  
18 McDonald criteria, M-C-D-O-N-A-L-D, and I believe  
19 it was around -- I think it was in 2004,  
20 approximately. When the McDonald criteria came  
21 about, that changed things a bit, because the  
22 McDonald criteria now includes MRI data. If you  
23 have somebody who has one clinical episode,  
24 sometimes one or another, that may not be exact as

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1 you'd like it to be, but if they have an MRI that  
2 is consistent with the diagnosis of multiple  
3 sclerosis, then you can make a presumptive  
4 diagnosis of MS using the McDonald criteria.  
5 So the Poser criteria had to be purely  
6 clinical. The McDonald criteria now says all  
7 right, if we have an MRI that is definitely  
8 abnormal and is abnormal consistent with the  
9 diagnosis of MS, then we can make a presumptive  
10 diagnosis. Presumptive MRI changes would include  
11 multiple areas of abnormal T2 signal, usually  
12 fairly large areas, not these little tiny  
13 nonspecific areas. We're talking about seeing  
14 multiple areas of involvement, including the cortex  
15 and the brain stem, cerebellum. Also, if you have  
16 the spinal cord, that's very helpful as well. So  
17 again, it's multiple areas, consistent MRI's, you  
18 can make the diagnosis.  
19 If you don't have specific MRI changes,  
20 you can't make the diagnosis. So for example, if  
21 you see somebody with just a few areas that are  
22 non-specific, that is not consistent with the  
23 diagnosis, you could not use that criteria to make  
24 the diagnosis of multiple sclerosis.

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1 Q. You said changes in the MRI, meaning  
2 there's one MRI done or multiple MRI done, that  
3 changes between the two MRI's?  
4 A. When I refer to changes in the MRI, I mean  
5 seeing abnormalities, seeing changes from normal.  
6 That being said, it's part of the diagnostic  
7 process and certainly part of the follow-up process  
8 for people with presumptive multiple sclerosis or a  
9 question of multiple sclerosis to do repeated MRI's  
10 and do MRI's over time to see if there is a change,  
11 are they getting more lesions, are some of the  
12 lesions improving, and then are we seeing  
13 inflammatory lesions. We also give a material  
14 called Gadolinium when doing the MRI, and the  
15 Gadolinium is a contrast material. If you see a  
16 very bright white area with the Gadolinium, that's  
17 an indication of an area of active inflammation and  
18 it tells you you have active inflammatory disease.  
19 And if you've made a diagnosis of MS, it tells you  
20 you have active MS. You need to be more specific  
21 in terms of how you assess, how you treat.  
22 Q. Based on your review, did this person have  
23 MS?  
24 A. No.

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1 Q. Why not?  
2 A. The clinical course is not the course of  
3 MS. She does not have exacerbations. She does not  
4 have attacks. She does not have remissions. She  
5 has multiple symptoms. Let me see here. I've  
6 written down she has chronic pain that was related  
7 to previous diagnosis of fibromyalgia, a  
8 non-specific finding. She had fatigue, definitely  
9 seen in MS, is seen in many, many different  
10 conditions from overwork, depression, viral  
11 illnesses. Many, many conditions include fatigue.  
12 Troubles with attention, multitasking,  
13 non-specific. Can be seen in a variety of  
14 conditions, including Attention Deficit Disorder.  
15 Migraines, migraines are not specific to MS. Very  
16 common condition that does not relate to MS. She  
17 had no -- there are other non-specific complaints.  
18 Feelings of imbalance, especially when she just  
19 wasn't feeling well, when she was having a lot of  
20 pain. When her fibromyalgia was better, her  
21 balance got better. Muscle spasms. I don't know  
22 where those spasms were, but again, that's a  
23 non-specific symptom. She did not have clear  
24 neurologic symptoms referable to the central

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1 nervous system. She did not have exacerbations.  
2 She did not have remissions. The MRI, as  
3 interpreted by myself, also as interpreted  
4 officially by the radiologist, was essentially a  
5 normal MRI, some few very tiny areas of  
6 non-specific increased T2 signal.  
7 MR. PAIKOS: Your Honor, we have the  
8 MRI. We had a projector. It just doesn't show up  
9 clearly on the projector. I would make a  
10 suggestion that we show it to Dr. Padmanabhan -- to  
11 Dr. Levin and huddle around him, for lack of a  
12 better word, and review where he sees the white  
13 spots and where the corpus callosum would be, and  
14 we can all see what he's looking at and go through  
15 it that way.  
16 THE MAGISTRATE: Do you have any new  
17 objection? I know this is the subject of your --  
18 one of your motions, that you did not get a paper  
19 copy.  
20 DR. PADMANABHAN: Correct, Your Honor.  
21 And huddling around a small laptop screen I think  
22 does not meet any standards at all.  
23 THE MAGISTRATE: Okay, so I am going to  
24 rule that we will do that, but -- and I don't know

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1 if you need time to set up, but in any case, I'm  
2 going to suggest a ten-minute break.  
3 **MR. PAIKOS:** Yes. We're pretty much  
4 set up, but a ten-minute break would be good.  
5 **THE MAGISTRATE:** Okay. Back here in  
6 ten minutes.  
7 (Off the record.)  
8 (Recess taken from 11:47 to 11:56.)  
9 **THE MAGISTRATE:** Mr. Paikos, this is  
10 which exhibit?  
11 **MR. PAIKOS:** This is 24, radiographic  
12 images for Patient G.  
13 **THE MAGISTRATE:** Dr. Padmanabhan, do  
14 you want to join us and see the screen?  
15 **DR. PADMANABHAN:** No, sir.  
16 **THE MAGISTRATE:** All right.  
17 Dr. Padmanabhan is declining to see the screen. He  
18 is seated in his seat.  
19 **A. I'm going to show just the sagittal image,  
20 just to orient you to the image we're looking at.**  
21 **THE MAGISTRATE:** We are looking at the  
22 double -- double image, there's an image on the  
23 left and the right, and Dr. Levin, as he uses a  
24 clicker, can manipulate the image.

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1 **A. The image I'm going to explain is the one  
2 on the left. This is referred to as a sagittal  
3 image, so this is slices of the brain coming from  
4 the side, moving from side to side. Just to orient  
5 you to what we're looking at, this is of the  
6 patient's eyes right here. The nose is here. This  
7 is the top of the head, the back of the head, the  
8 spinal cord. Mouth is over here. The tongue and  
9 the area of --**  
10 **THE MAGISTRATE:** Dr. Levin is  
11 indicating all these places with the cursor.  
12 **A. The areas of interest are the cerebral  
13 cortex, which I'm going to outline for you right  
14 here.**  
15 **THE MAGISTRATE:** Towards the top of the  
16 skull.  
17 **A. In the middle portion of the brain is a  
18 structure called the corpus callosum, moving up and  
19 down.**  
20 **THE MAGISTRATE:** Dr. Levin showing with  
21 the cursor and manipulating the image.  
22 **A. The image is moving side to side, so in and  
23 out of this person's head, if you will.**  
24 **THE MAGISTRATE:** We're seeing different

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1 slices, in effect?  
2 **A. That is correct. So if we -- I'm starting  
3 in the left side of the brain. I'm going to move  
4 toward the right side of the brain. So this is  
5 going to the very edge of the left side of the  
6 patient's head, moving slowly toward the right  
7 side, and we're starting to see the cerebral  
8 cortex. This area here is known as the white  
9 matter, and in the center of the screen is a very  
10 tiny area of -- that's whiter than the surrounding  
11 tissue. And this would be a non-specific area of  
12 increased T2 signal, T2 hyperintensity, and that's  
13 what the radiologist I believe is describing.  
14 Behind it is perhaps another tiny area. And moving  
15 more toward the right, we begin to see this black  
16 area in the middle of the brain. This is what is  
17 called the lateral ventricle. This is the  
18 posterior portion of the lateral ventricle. The  
19 area behind it is called the trigone, and there is  
20 a small area of hyperintensity behind that as well.**  
21 **THE MAGISTRATE:** That white dot?  
22 **A. Yes, sir. Continuing on toward the right  
23 side, again, we see the corpus callosum and we see  
24 that the corpus callosum itself looks perfectly**

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1 **normal. It's nice and smooth. Looking at the  
2 areas of white matter above that, there is no  
3 indication of increased T2 signal. There is no  
4 increased -- there is no hyperintensity above that.  
5 There is certainly no Dawson's fingers. Dawson's  
6 fingers would be perpendicular, so they would be up  
7 and down in reference to the corpus callosum, and  
8 these would show up as intense white areas.**  
9 **THE MAGISTRATE:** And the corpus  
10 callosum, you're testifying, is normal from your  
11 comparison to other ones you've seen?  
12 **A. That is correct.**  
13 **THE MAGISTRATE:** And if there were  
14 hyperintensity, what would it show?  
15 **A. If there were hyperintensities, we would  
16 see white area, areas that are whiter than the  
17 surrounding brain.**  
18 **THE MAGISTRATE:** The small dots that  
19 we've seen before?  
20 **A. Correct, but they would be much larger. We  
21 would see significantly larger areas that would be  
22 perpendicular to the corpus callosum. They look  
23 about the thickness of small fingers and perhaps  
24 the length of small fingers as well. Some can be**

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1 larger than others.  
2 Moving toward the -- excuse me, the  
3 right side, these kind of look similar to what we  
4 just saw on the left side. There is another tiny  
5 area that I see over here, a tiny area of increased  
6 T -- increased T2 signal. That is really the --  
7 those are the only abnormalities that I see on this  
8 study. That was really quite mild, non-specific,  
9 will likely have no clinical significance.  
10 THE MAGISTRATE: Can you see on the  
11 left side of the screen anything that you can  
12 speculate led Dr. Padmanabhan to detect Dawson's  
13 fingers?  
14 A. No.  
15 MR. PAIKOS: A further request, as  
16 during the week we were able to find on the  
17 Internet a picture of a brain with Dawson's  
18 fingers, we haven't shown Dr. Padmanabhan. I don't  
19 know if that would be illustrative or not of what  
20 Dawson's fingers may or may not look like, not as  
21 an exhibit, but just as a comparison.  
22 THE MAGISTRATE: I'll entertain it as  
23 an exhibit.  
24 Q. (BY MR. PAIKOS) And I show you, Doctor.

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1 So what does this image appear to be?  
2 A. This is likewise a -- similar to what we  
3 have just looked at, this is a sagittal MRI of the  
4 brain, so the -- in contrast to the structure I  
5 showed you before, the sinus would be here, the eye  
6 over here, the gums over here. So this would be  
7 the cerebral cortex, top, front, back. The spinal  
8 cord would be down here.  
9 THE MAGISTRATE: Dr. Levin, if I could  
10 interrupt, what is it that we're just looking at?  
11 A new screen just came in front of me.  
12 MR. PAIKOS: Yes. It's a new screen,  
13 but it's an image of an unidentified individual  
14 obtained simply from the Internet, and it's one  
15 slice of an MRI.  
16 THE MAGISTRATE: That depicts Dawson's  
17 fingers?  
18 MR. PAIKOS: That depicts Dawson's  
19 fingers. And I would ask Dr. Levin what  
20 abnormalities do you see on here.  
21 THE MAGISTRATE: Dr. Padmanabhan, do  
22 you want to see this?  
23 DR. PADMANABHAN: I object to exhibits  
24 just simply randomly being introduced today, Your

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1 Honor. Given my motion --  
2 THE MAGISTRATE: Dr. Padmanabhan, for  
3 the bulk of exhibits, I need to see them in  
4 advance. Here and there, I will entertain  
5 exhibits, especially when this seems to be simple  
6 and relates to other exhibits. Do you want to see  
7 this?  
8 DR. PADMANABHAN: No, Your Honor.  
9 THE MAGISTRATE: Okay. Mr. Paikos, you  
10 may proceed.  
11 Q. (BY MR. PAIKOS) Does this show Dawson's  
12 fingers or what Dawson's fingers would look like?  
13 A. Yes.  
14 Q. And where are they, if you could point to  
15 them?  
16 A. The central portion of the image that we're  
17 looking at, this black area is the lateral  
18 ventricle. Above that would be the corpus  
19 callosum. And what we've seen in the corpus  
20 callosum are these areas of white -- whiteness.  
21 These are areas of increased T2 signal. We see  
22 numerous ones along the top of the corpus callosum.  
23 I can identify perhaps one, two, three, four, five,  
24 six, seven, eight, nine, perhaps nine or ten areas

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1 of increased signal intensity. The areas are  
2 perpendicular to the corpus callosum. They're very  
3 distinct. These are clearly areas of pathology.  
4 These are not -- these are not normal. And they  
5 have a thickness here, and in general, they are  
6 longer than they are wide, and this is what he  
7 described as Dawson's fingers. They look rather  
8 finger-like, if you look at them. Use your  
9 imagination. Finger by finger pointing at the  
10 corpus callosum and involving the corpus callosum.  
11 Not diagnostic without clinical information, but in  
12 the correct clinical circumstances, this MRI would  
13 be nearly diagnostic for multiple sclerosis.  
14 THE MAGISTRATE: Mr. Paikos, can you  
15 get a printout of that before the hearing ends?  
16 MR. PAIKOS: Yes. Yes, I can.  
17 THE MAGISTRATE: So that's just a  
18 single shot. It's not --  
19 MR. PAIKOS: It's not an electronic  
20 complete record that you can scroll through. It's  
21 just one page.  
22 THE MAGISTRATE: Okay, so I'm going to  
23 make a finding that the patient's record that  
24 Dr. Levin was pointing to does not have the -- the

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1 features that the single photograph from the  
2 Internet has. Is there more of the patient's  
3 record?  
4 **MR. PAIKOS:** There's more to go through  
5 the paper record, but not the MRI.  
6 **THE MAGISTRATE:** So I've returned to my  
7 seat, and Mr. Paikos, do you have more questions on  
8 this patient?  
9 Q. (BY MR. PAIKOS) On that day, on Medical  
10 Record 466, Bates 206, did Dr. Padmanabhan refer  
11 his patient to another doctor, a Dr. Seton?  
12 A. Yes.  
13 Q. And that was for the positive anti-RNP,  
14 which we discussed was a rheumatological issue?  
15 A. Yes.  
16 Q. So was Dr. Padmanabhan's diagnosis of MS  
17 within the standard of care?  
18 A. No.  
19 Q. And why is that?  
20 A. **The clinical course of this patient is not**  
21 **the clinical course of multiple sclerosis for the**  
22 **reasons previously discussed. The MRI, my reading**  
23 **into the official reading of the radiologist was a**  
24 **mild non-specific -- showed mild non-specific**

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1 **changes not consistent with the diagnosis of**  
2 **multiple sclerosis. His interpretation of the MRI,**  
3 **again, to my reading and to the reading of the**  
4 **interpreting radiologist, was incorrect. It was**  
5 **not consistent with the diagnosis of multiple**  
6 **sclerosis.**  
7 Q. Doctor, if we could go to Medical Record  
8 Number 4 -- 546, Bates 209 -- I'm sorry; Bates 208?  
9 Medical Record 546, Bates 208. And if you could  
10 review that note for yourself and state whether it  
11 fulfilled the -- fell within the standard of care?  
12 A. **I have reviewed this note. It is below the**  
13 **standard of care.**  
14 Q. And why?  
15 A. **The history is brief. It is an inadequate**  
16 **history. He notes that Copaxone was started. No**  
17 **information about explanations to the patient about**  
18 **Copaxone, no information that I could find in the**  
19 **records that he discussed Copaxone with her,**  
20 **discussed possible side effects, discussed how to**  
21 **use the medication. Describes that she has a deep**  
22 **ache in her right leg. Does not describe any**  
23 **symptoms that would relate to the diagnosis of**  
24 **multiple sclerosis. Does not discuss any concerns**

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1 **about multiple sclerosis or concerns about having a**  
2 **rheumatologic disorder. He notes that she was**  
3 **taking Copaxone presumably because of the diagnosis**  
4 **of multiple sclerosis. He notes that Plaquenil was**  
5 **helping, but does not say why he gave her**  
6 **Plaquenil, does not provide any explanation as to**  
7 **the particular prescription. All else as before,**  
8 **that is below the standard of care. We don't know**  
9 **what that refers to. There's history previously**  
10 **about a number of different difficulties. We don't**  
11 **know what difficulties she's having at this point,**  
12 **what symptoms she's having, what is better, what is**  
13 **worse. There is no physical examination, so we**  
14 **have a patient who has just been diagnosed as**  
15 **having multiple sclerosis who may have some other**  
16 **type of disorder, perhaps a rheumatologic disorder.**  
17 **I can't tell from the records. And there's no**  
18 **examination, so we don't know if she has an**  
19 **abnormal neurological examination that would**  
20 **confirm the diagnosis of MS. We don't know if she**  
21 **has a normal exam. We don't know if there are**  
22 **other problems. We don't know anything. There is**  
23 **no exam. The assessment is MS. Will try baclofen**  
24 **for the low leg stiffness/tightness. No history of**

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1 **having leg tightness. There's no physical**  
2 **examination to suggest that she has leg tightness.**  
3 **We don't know anything at all about her leg. And**  
4 **there is another medication, an anti-spasmodic that**  
5 **can have potential side effects, but we don't know**  
6 **why. That's the only information we have.**  
7 Q. Would it be important to know if the  
8 patient was having any -- I don't know if you call  
9 them attacks or episodes that could be MS?  
10 A. Yes.  
11 Q. Would it be important to note if she didn't  
12 have them?  
13 A. Yes.  
14 Q. Is that information here?  
15 A. No.  
16 Q. So is the care and treatment of this  
17 patient below the standard of care?  
18 A. Yes.  
19 Q. And Copaxone -- is there such a thing as  
20 drugs that are regularly used for multiple  
21 sclerosis?  
22 A. Yes.  
23 Q. Is Copaxone one of them?  
24 A. Yes.

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1 Q. And when prescribing any medication, do you  
2 tell the patient -- we may have discussed this  
3 before -- the side effects and potential issues?  
4 **A. Yes.**  
5 Q. Would it be important to note what you  
6 talked about or that you did in fact mention it to  
7 the patient?  
8 **A. Yes.**  
9 Q. If we could go to Medical Record 679,  
10 Bates 209, and that note continues onto the next  
11 page. Did Dr. Padmanabhan -- how was  
12 Dr. Padmanabhan's care on that day?  
13 **A. I have reviewed this record dated 7/8/2010,**  
14 **and this is below the standard of care.**  
15 Q. Why?  
16 **A. The history describes that the patient is**  
17 **feeling better, describes problems with her abusive**  
18 **ex-husband, with increasing anxiety, some**  
19 **confusion, putting milk in the closet instead of**  
20 **the refrigerator, losing weight, and has more pep**  
21 **with her shots. Doesn't tell us what her shots**  
22 **are. Doesn't tell us what medications she's**  
23 **receiving; does she have side effects; if the shots**  
24 **are indeed Copaxone, is she tolerating it; does she**

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1 **have side effects from the Copaxone; what other**  
2 **medications is she getting. We don't know anything**  
3 **about her neurologic status. We don't know what**  
4 **her symptoms are. We don't know if she's had**  
5 **attacks. There's no description, no information**  
6 **about her previous complaints. We don't know how**  
7 **her migraine headaches are doing, how is her pain**  
8 **doing, has she had new neurologic symptoms, has she**  
9 **had attacks. There's no information. The**  
10 **examination is listed as being unchanged, but for**  
11 **the fact she appears lighter and brighter. I'm not**  
12 **sure what that means. Otherwise, we have no**  
13 **information about a neurological examination. The**  
14 **standard of care, especially in a patient you've**  
15 **diagnosed with multiple sclerosis, you've begun on**  
16 **a new medication, that has a number of different**  
17 **problems, the standard of care would be to perform**  
18 **a neurological examination and a follow-up note.**  
19 **The assessment is MS plus anxiety. There is no**  
20 **other information. There is no information about**  
21 **why she's getting Plaquenil. Does she have a**  
22 **rheumatologic disorder? There's no information**  
23 **about her migraine headaches, no information about**  
24 **her other possible diagnoses, and there's no**

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1 **information about what other medications he is**  
2 **prescribing. Is she continuing to get Copaxone?**  
3 **Continuing to get Plaquenil? Has she gotten other**  
4 **medications? If so, what are the doses she's**  
5 **getting; doses, pills, how many is she getting, how**  
6 **many refills is she getting? There's nothing, no**  
7 **information.**  
8 Q. It says MS plus anxiety. With a diagnosis  
9 of MS, is that unusual?  
10 **A. Is it unusual if you have anxiety when you**  
11 **have MS?**  
12 Q. Yes.  
13 **A. No, it is not.**  
14 Q. If we go to page Medical Record 772, which  
15 is at Bates 212, if you could review that note and  
16 state whether or not that Dr. Padmanabhan's  
17 treatment was within the standard of care?  
18 **A. I have reviewed this note. It is below the**  
19 **standard of care.**  
20 Q. Why -- why?  
21 **A. The history as listed is incomplete and a**  
22 **sparse history. She feels generally okay. Good**  
23 **and bad weeks, describing her drop in pain. Some**  
24 **weeks where she trips. Aches and pains are better**

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1 **on Copaxone. So he tells us she's taking Copaxone.**  
2 **We don't know what other medications she's taking.**  
3 **Is she taking Plaquenil? Does she have side**  
4 **effects from the Copaxone? Aches and pains are**  
5 **better on Copaxone.**  
6 **THE MAGISTRATE:** Is this the first  
7 mention of Copaxone?  
8 **A. No, sir, this is not. Copaxone is not a**  
9 **medication for pain.**  
10 Q. (BY MR. PAIKOS) What does it do?  
11 **A. Copaxone is an immune modulator medication**  
12 **used to specifically treat the pathology causing**  
13 **multiple sclerosis. We have no information about**  
14 **other neurologic symptoms, nothing to indicate**  
15 **she's had exacerbations, has not had exacerbations.**  
16 **Usually, we like to know the functional status of**  
17 **somebody if we think they have multiple sclerosis.**  
18 **There is no other information about the possible**  
19 **rheumatologic disorder. She had been referred to**  
20 **get a second rheumatological opinion, presumably an**  
21 **opinion of a rheumatologist. No information about**  
22 **that. So there's quite limited information. About**  
23 **the examination, there is no examination.**  
24 **Examination is unchanged, so we have no information**

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1 about the examination concerns. As previously  
2 discussed, the follow-up neurological examination  
3 is the standard of care, especially with somebody  
4 who you've diagnosed with multiple sclerosis.  
5 Q. And there's a nursing note on that date,  
6 follow for headaches. She is pain free, as long --  
7 quoting the patient, as long as I take the  
8 medication. Is there any assessment by  
9 Dr. Padmanabhan of the headaches?  
10 A. No.  
11 Q. Is that important, given that there was  
12 some mention or some concerns about migraines  
13 previously?  
14 A. Yes. And in addition, he previously was  
15 prescribing Topamax for headaches. I don't know if  
16 he continued the prescription or not. There was no  
17 indication of that. Indeed, looking at the plan,  
18 there is no information with regards to any  
19 medication, so we don't know is she still taking  
20 Copaxone, has that stopped; is she taking  
21 Plaquenil; is she taking Seronil, is she taking  
22 Topamax, is she taking other medications. No  
23 information at all.  
24 THE MAGISTRATE: Mr. Paikos, if I could

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1 jump in? Dr. Levin, remind me, R-O-S dash V?  
2 A. Review of systems. Review of systems would  
3 be asking about other types of medical problems,  
4 difficulties with chest pain, shortness of breath,  
5 GI problems, joint pain, a multitude of different  
6 types of medical problems that you can have.  
7 THE MAGISTRATE: And V-E otherwise?  
8 A. I believe that's negative. I believe  
9 that's a dash, indicating negative.  
10 THE MAGISTRATE: Thank you.  
11 Q. (BY MR. PAIKOS) Now, if we go to -- excuse  
12 me -- Medical Record 857 to 859, which is at  
13 Bates 214, 215 and 216 --  
14 A. Excuse me. I do have that.  
15 Q. Okay. And what's the date of this  
16 encounter?  
17 A. January 28th, 2011.  
18 Q. And who is this a note from?  
19 A. Davender Khera. D-A-V-E-N-D-E-R; last name  
20 is K-H-E-R-A, MD. And I believe beneath her name,  
21 it states neurology, so presumably, this is a  
22 neurology consultation.  
23 Q. And at the bottom of Medical Record 857,  
24 214, does it discuss follow-up by Dr. Dejager?

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1 A. Yes.  
2 Q. And it says, patient was seen at MS center  
3 January 24th, 2011. Seen by Dr. Dejager. She was  
4 told that her MRI on 3/30/2010 showed no evidence  
5 of multiple sclerosis. Do you see where that is?  
6 A. Yes.  
7 Q. Is that the same one you reviewed?  
8 A. Yes.  
9 Q. And what does the -- what does Dr. Khera do  
10 in this note and conclude herself?  
11 A. Dr. Khera performs a detailed neurological  
12 examination. As previously described, she does a  
13 quite excellent note where she goes through the  
14 history, neurological examination. She then  
15 formulates an assessment and plan.  
16 Q. Okay. What's her assessment?  
17 A. She notes that the patient came with a  
18 questionable -- or question mark history of --  
19 excuse me -- history of question mark multiple  
20 sclerosis. Came to review her neuro-imaging and  
21 treatment plan. She reviewed the patient's MRI  
22 performed on 3/30/2011, and if I can quote her,  
23 there is an insignificant amount of white matter  
24 disease.

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1 THE MAGISTRATE: Okay, Dr. Levin. I  
2 see that. Thank you.  
3 Q. (BY MR. PAIKOS) Did she find Dawson's  
4 fingers?  
5 A. No.  
6 Q. How was her clinical presentation, this  
7 patient, according to Dr. Khera?  
8 A. Examination was nearly normal. She found a  
9 couple of changes in her examination. Did not make  
10 sense in terms of organic disease. So she found  
11 changes that were suggestive more of functional  
12 illness as opposed to organic disease. Her  
13 impression was that she did not believe the patient  
14 had multiple sclerosis and that the patient was  
15 told the same thing earlier this week at the  
16 Partners MS center.  
17 THE MAGISTRATE: What's the difference  
18 between functional and organic?  
19 A. Organic would relate to a specific physical  
20 problem. A functional problem is a symptom that  
21 typically will relate to emotional difficulties.  
22 THE MAGISTRATE: So is this doctor  
23 saying it related to emotional difficulties?  
24 A. Well, in her specific description of her --

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1 may I go back to her examination?  
2 THE MAGISTRATE: Yes.  
3 A. She describes the patient as having  
4 giveaway weakness. So patients can have giveaway  
5 weakness, which is when you go to examine them and  
6 they sort of give away their arm. That is not true  
7 weakness. If someone is truly weak, you examine  
8 the arm, examine the leg, and you'll find muscle  
9 weakness. You'll find problems in your  
10 examination. Someone who has giveaway weakness,  
11 you're pushing on their arm and they suddenly will  
12 give away, oftentimes in very dramatic fashion.  
13 That is not related to specific organic weakness,  
14 specific physical weakness, but rather, it's due to  
15 emotional changes which will cause that person to  
16 give away.  
17 DR. PADMANABHAN: Objection.  
18 THE MAGISTRATE: Basis?  
19 DR. PADMANABHAN: Neither organic nor  
20 functional appears in that note.  
21 THE MAGISTRATE: Dr. Levin, that's your  
22 interpretation of the note; in effect, the concepts  
23 of organic versus functional?  
24 A. This is my interpretation of the doctor's

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1 examination.  
2 THE MAGISTRATE: Overruled.  
3 A. Should I continue?  
4 THE MAGISTRATE: Yes, please.  
5 A. The doctor also notes some sensory loss on  
6 the right side of her body that doesn't make  
7 anatomic sense.  
8 THE MAGISTRATE: And which page is  
9 this?  
10 A. Sorry. This is continuing the assessment  
11 and plan, page 859 --  
12 MR. PAIKOS: Bates 260.  
13 THE MAGISTRATE: Thank you.  
14 A. -- of Dr. Khera. If you go to the first  
15 paragraph, the last line of the first paragraph,  
16 under assessment and plan, some sensory loss in the  
17 right side of her body that doesn't make anatomic  
18 sense. The sensory examination is performed to  
19 look for any changes in sensation, any abnormality  
20 of sensation, and this relates to a number of  
21 different types of sensation. I have to go back  
22 and look at which types of sensation she examined.  
23 THE MAGISTRATE: Yes.  
24 A. And you look for changes that are

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1 consistent with abnormalities within the nervous  
2 system, either the central nervous system and/or  
3 the peripheral nervous system, depending  
4 specifically on what different patterns of sensory  
5 loss, depending on where the abnormality is in the  
6 nervous system. So for example, if somebody has  
7 peripheral neuropathy, neuropathy, nerve damage in  
8 their legs, you'll see decreased sensation  
9 occurring peripherally, in the distal portion of  
10 the legs and the feet. If someone has had a stroke  
11 and it's on the right side of the brain, you may  
12 see a loss of sensation over the left side of the  
13 body. So these types of anatomical changes,  
14 observed sensory changes, can relate to anatomical  
15 abnormalities within the nervous system.  
16 Her particular examination did not make  
17 anatomical sense. When we see somebody where we  
18 can't put the pieces together, there are several  
19 explanations. One is that we're just not able to  
20 do it. There are people who we're not able to  
21 understand with a single visit to make a proper  
22 diagnosis, but if you see someone like this patient  
23 who has some types of difficulty and then does have  
24 a sensory change, this is a sensory change that

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1 commonly will occur in functional illness. So  
2 interpreting -- and I can only conjecture as to  
3 Dr. Khera's opinion. Interpreting her examination,  
4 this would seem to suggest functional illness as  
5 opposed to organic or anatomical changes.  
6 THE MAGISTRATE: A layperson would say  
7 this person is not really sick. Would that be a  
8 fair characterization from a layman's standpoint?  
9 A. Sick is a very non-specific term and can  
10 relate to a large number of many -- of different  
11 medical problems. Sickness also involves --  
12 sickness can involve organic disease. Sickness can  
13 involve emotional disease. I believe people with  
14 psychiatric illnesses would certainly be considered  
15 sick.  
16 THE MAGISTRATE: So this doctor may be  
17 saying that this patient does not have organic  
18 disease?  
19 A. That is correct. She's saying -- may I go  
20 back to her note? She's saying specifically, I do  
21 not think she has multiple sclerosis. And she goes  
22 on further, I told her that I do not think the  
23 problem is in the central nervous system based on  
24 the history I took and based on the normal MRI.

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1 Q. (BY MR. PAIKOS) So we have a diagnosis of  
2 not multiple sclerosis, and we don't have a  
3 diagnosis of what it is?  
4 A. We do not -- if we go on further to the  
5 plan, there is a note. I urged the patient to  
6 speak with her PCP and psychiatrist about the next  
7 step and treatment of her full body weakness, pain,  
8 anxiety and depression. Again, the implication  
9 would be this is something going on that is not a  
10 neurological problem. She did not know  
11 specifically what it was. Certainly, psychiatric  
12 disease would be in the differential diagnosis for  
13 her symptoms, or at least some of her symptoms, but  
14 no, she did not find evidence of neurologic  
15 disease.  
16 THE MAGISTRATE: So this doctor is  
17 ruling out neurologic disease and not making a  
18 diagnosis, but suggesting a possible diagnosis  
19 through a referral to a PCP and a psychiatrist?  
20 A. She is suggesting further evaluation to see  
21 if a diagnosis can be made.  
22 Q. (BY MR. PAIKOS) And does she continue with  
23 the Copaxone?  
24 A. The recommendation was I do not feel the

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1 patient should continue on Copaxone.  
2 Q. You mentioned that the medication has side  
3 effects. What are the side effects of this  
4 medication?  
5 A. Many possible side effects. Common side  
6 effects include flushing reaction, where you get a  
7 feeling from your abdomen coming up over your  
8 entire body, redness, sometimes sweating and very  
9 intense flushing feeling. It doesn't last for a  
10 long time; typically ten, 15 minutes, sometimes  
11 longer. You can have injection site reaction.  
12 It's not uncommon. The medication is given through  
13 -- at this time, it was given by daily injections,  
14 given subcutaneously. Can cause local  
15 inflammation, areas of redness, soreness, sometimes  
16 can lead to atrophy. There can be areas below  
17 where the injection is where you lose fat tissue,  
18 you lose subcutaneous tissue. Those are the main  
19 side effects, the main -- allergic reactions are  
20 always possible. I have seen other more unusual  
21 side effects. I have one patient who is on  
22 Copaxone right now who I'm following because of  
23 liver dysfunction, and she's actually having  
24 worsening of her liver enzymes and liver function.

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1 I am concerned it could be the Copaxone that is  
2 causing that. It's uncommon, but a reportable side  
3 effect from Copaxone. There are many possible side  
4 effects, but those are some of the common ones.  
5 Q. And if you will turn to the next patient,  
6 Patient H --  
7 THE MAGISTRATE: Before you do that, if  
8 I could ask Dr. Levin, is there a problem with a  
9 patient receiving Copaxone who does not have  
10 multiple sclerosis besides the side effects?  
11 A. Probably. I think in general, we don't  
12 wish to have our patients take medications that are  
13 not indicated. Copaxone specifically, we're  
14 talking about somebody taking a very expensive  
15 medication. I believe it's upwards of \$1,200 a  
16 month to take this medication. The medication is  
17 given by daily injections, so there is some  
18 discomfort in the local. Side effects, you would  
19 have discomfort in the area of injection, again,  
20 the redness, the inflammation, and the potential  
21 for side effects. Those would be the main  
22 concerns. I think in general, we don't want our  
23 patients taking medications they don't need,  
24 certainly medicines that can cause them discomfort

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1 or potential harm.  
2 THE MAGISTRATE: And do you have any  
3 thoughts on any anxiety that the patient might  
4 undergo who has a diagnosis of multiple sclerosis  
5 and then -- and doesn't actually have it?  
6 A. Yes. That is a very significant problem.  
7 MS is a difficult disease to be diagnosed with. As  
8 discussed, it's an unpredictable disease. It  
9 typically is seen in patients ages 20 to 40, less  
10 common under 20, less common over the age of 40 at  
11 initial onset, so we're talking for the most part  
12 people who are young, people who are active, who  
13 are very vital. This type of person is then told  
14 they have a disease of the central nervous system  
15 that is unpredictable. It can produce a large  
16 variety of neurologic symptoms and you don't know  
17 when you wake up in the morning if you're going to  
18 have an attack. You could have been fine when you  
19 woke up, the middle of the day, and then by the end  
20 of the day, you're beginning to have paralysis and  
21 coordination difficulty, loss of speaking, loss of  
22 vision, so by itself, it is a diagnosis that will  
23 make people very anxious and very upset and  
24 concerned about what's going to happen. It's also

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1 a disease that can result in significant  
2 disability. People with multiple sclerosis can end  
3 up with severe neurologic problems, end up in a  
4 wheelchair. It can result in early death. Some  
5 people do quite well. But certainly, in answer to  
6 your question, it's a disease that makes people  
7 very anxious.

8 **THE MAGISTRATE:** Do patients administer  
9 Copaxone themselves?

10 **A. Yes, usually themselves. Some people can't**  
11 **give themselves an injection, so a partner or close**  
12 **individual will do that for them.**

13 **THE MAGISTRATE:** Are you aware of how  
14 much time it takes a patient who does have multiple  
15 sclerosis or has been diagnosed with it, how much  
16 it takes to manage that illness or that diagnosis  
17 on a daily basis?

18 **A. It depends on the level of the disease. If**  
19 **somebody has no symptoms or has minimal symptoms**  
20 **and doesn't have any significant neurologic**  
21 **impairment, then the pain management of the disease**  
22 **would be the medication, so for example, with**  
23 **Copaxone, it would be the amount of time taken each**  
24 **day to prepare the medication, to give the**

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1 **injection.**

2 **THE MAGISTRATE:** Do you know how long  
3 that takes?

4 **A. To physically do it? I don't know**  
5 **specifically. My guesstimate would be half an hour**  
6 **or less to actually physically give the injection.**

7 **THE MAGISTRATE:** I mean, the medicine,  
8 does it come in daily doses? Does it have to be  
9 mixed by the patient?

10 **A. I would have to go back to -- well, no,**  
11 **2011, this was a prefilled injector. They were**  
12 **prefilled injectors. Not everybody uses them.**  
13 **It's mixed. You take the syringe, inject yourself**  
14 **and it's done.**

15 **THE MAGISTRATE:** Does it have to be  
16 refrigerated?

17 **A. I don't believe so. I believe Copaxone can**  
18 **go 30 days without refrigeration, but you still**  
19 **have to be careful not to have extremes of**  
20 **temperature. But going back to your original**  
21 **question, many people, indeed most people with MS**  
22 **do have neurologic deficits, so depending on the**  
23 **deficits you have, obviously, if you have bladder**  
24 **incontinence, that's going to affect your day. If**

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1 **you have to walk with a cane, that's certainly**  
2 **going to affect you. If you have to use a**  
3 **wheelchair, that's going to affect your life.**

4 **THE MAGISTRATE:** Well, I'm thinking  
5 about management for Patient G, who did not have  
6 multiple sclerosis, who is treating herself as if  
7 she did and how much time it took out of her day.  
8 Less than 30 minutes is your guesstimate?

9 **A. Yes.**

10 **THE MAGISTRATE:** Going as low as what?  
11 I mean, five minutes for an injection?

12 **A. I suppose it's possible. I don't know. It**  
13 **depends how quickly they can prepare the syringe,**  
14 **give the injection.**

15 **THE MAGISTRATE:** Thank you.

16 **Q. (BY MR. PAIKOS)** Doctor, you mentioned age  
17 ranges for multiple sclerosis when it's typically  
18 diagnosed. What were those age ranges?

19 **A. Most common age is 20 to 40.**

20 **Q.** Okay. Twenty to 40, you said?

21 **A. Forty.**

22 **Q.** The -- we have the medical record which has  
23 the patient's date of birth. On April 13th, 2010,  
24 what was her age, or thereabouts?

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1 **A. Sorry. What year was this again?**

2 **Q.** 2010. April.

3 **A. I believe she was 44.**

4 **Q.** So she was outside of the range?

5 **A. No. Twenty to 40 is the most common, but**  
6 **certainly, 44 would not be what we'd call unusual.**

7 **Q.** And directing your attention to the next  
8 record, which would be of Patient H -- Doctor,  
9 directing your attention to Medical Record 185,  
10 Bates stamped 217 at this Tab 9, and this is a note  
11 from October 26th, 2007. Under suggestive, it  
12 tells the age of the patient?

13 **A. Yes.**

14 **Q.** She's 64?

15 **A. Correct.**

16 **Q.** And what is her conditions and history,  
17 overall conditions and any neurological issues that  
18 she may have had in the past?

19 **A. The patient is presenting as a new patient,**  
20 **establish care. History of metabolic syndrome,**  
21 **hypertension, hyperlipidemia, and a stroke 15 plus**  
22 **years ago with residual left lower extremity**  
23 **weakness.**

24 **Q.** And after that, she denies any specific

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1 concerns today?  
2 **A. Excuse me. In addition, she has diabetes**  
3 **-- diabetes. Excuse me.**  
4 Q. And this is from the, if you look at the  
5 top, the RE Health Center in Revere?  
6 **A. Yes.**  
7 Q. And that's Cambridge Health Alliance  
8 letterhead, as we've seen in some of the other  
9 records as well?  
10 **A. Yes.**  
11 Q. And if we go to Medical Record 208,  
12 page 218, that's a December 17th, 2007, note.  
13 That's again the RE Health Center in Revere?  
14 **A. Yes.**  
15 Q. And what are her -- she has numerous  
16 diagnoses. Any that relate to potential  
17 neuropathic or immunological issues?  
18 **A. There's a note that she continues to have**  
19 **leg pain, mostly in the evenings, at night,**  
20 **described as achy in character. And the impression**  
21 **or the assessment was leg pain, peripheral**  
22 **neuropathy versus myalgias. Rule out restless leg**  
23 **syndrome.**  
24 Q. And neuropathy versus myalgias, what are

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1 those two things?  
2 **A. Peripheral neuropathy, neuro means nerve,**  
3 **opathy means a problem with, so neuropathy is a**  
4 **problem with a nerve. It doesn't tell us anything**  
5 **more about where the nerve is, the pathology, just**  
6 **that there's a problem with the nerve. Peripheral**  
7 **typically refers to problems in the legs. It may**  
8 **refer to the arms as well. So possible diagnosis**  
9 **is a problem with the nerves, presumably, in this**  
10 **patient in the legs and the feet, a peripheral**  
11 **neuropathy.**  
12 Q. So Doctor, if we go to Medical Records 286,  
13 87 and 288, which are Bates stamped 220, 221 and  
14 222, is that another MRI report? I'm sorry. What  
15 is that?  
16 **A. Excuse me. What page?**  
17 Q. It was Medical Record 286 to 288. Is that  
18 a note of Dr. Padmanabhan's?  
19 **A. Yes. This is a note from Dr. P.**  
20 Q. Okay. And does it relate some more history  
21 at the bottom of 286 to 287 about her stroke?  
22 **A. I do see the history is related.**  
23 Q. And what was the history and what other --  
24 what did he put down in his note?

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1 **A. He notes in his history that she had a**  
2 **significant stroke when in South Carolina. Has had**  
3 **further episodes of weakness of her left arm and**  
4 **leg, also heaviness and pain in her legs after**  
5 **walking certain distances and has numbness in her**  
6 **feet that comes and goes.**  
7 Q. What are his impressions?  
8 **A. His impression was an old stroke, possibly**  
9 **lacunar, in the right hemisphere with occasional**  
10 **symptomatic re-emergence that is possibly**  
11 **flow-related.**  
12 Q. Is that a reasonable potential diagnosis?  
13 **A. Yes.**  
14 Q. And why?  
15 **A. Given the history that she related, her**  
16 **symptoms -- give me a moment just to look at the**  
17 **examination. Looking at the history that he**  
18 **obtained, looking at his neurological examination,**  
19 **this would be a reasonable impression putting that**  
20 **information together.**  
21 Q. Okay. And was there an MRI ordered --  
22 **A. Yes.**  
23 Q. -- following this?  
24 **A. Yes.**

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1 Q. If we could go to Medical Record 300 to  
2 301? I'm sorry. Make sure I'm in the right  
3 record. Actually, 300 to -- Medical Record 300 to  
4 303, Bates 223 to 226. What is that record,  
5 Doctor?  
6 **A. This is a report dated March 7th, 2008, of**  
7 **an MRI of the brain, non-contrast. Reason for**  
8 **exam, TIA back pain, neurogenic claudication. This**  
9 **continues as an MRA of the brain and an MRA of the**  
10 **neck.**  
11 Q. What's an MRA?  
12 **A. A stands for angiogram. So this is an MR**  
13 **study done with the MR image technique looking at**  
14 **blood vessels, so MRA of the brain would be looking**  
15 **at blood vessels of the brain; MRA of the neck**  
16 **would be looking at the blood vessels of the neck.**  
17 **MRA, angiogram. May I go back to the description?**  
18 Q. Yes.  
19 **A. The description is -- I'm going to read it**  
20 **and then perhaps interpret it. A moderate amount**  
21 **of subcentimeter T2 hyperintense foci are scattered**  
22 **in the periventricular and subcortical white**  
23 **matter, mostly in the frontal and parietal lobes.**  
24 **So he's saying subcentimeters, so these are very**

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1 small areas of T2 hyperintensity, as we have  
2 previously discussed, in the periventricular  
3 region, around the fluid-filled spaces,  
4 subcortical, areas below the deeper portions of the  
5 cerebral hemispheres, mostly in the frontal lobe  
6 and parietal lobe. Frontal is front of the brain;  
7 parietal is further back in the brain. The pattern  
8 is non-specific. No lesions demonstrate Dawson's  
9 fingers. There is some involvement of the white  
10 matter along the callosal septal interface, so the  
11 area between the corpus callosum and going from  
12 that towards the white matter, there is some  
13 involvement there. There are no lesions within the  
14 corpus callosum or in the posterior fossa, so in  
15 the lower portion of the brain, there are no  
16 lesions in those areas.  
17 His impression was moderate amounts of  
18 non-specific supratentorial white matter changes,  
19 so these moderate white matter changes. These are  
20 non-specific. They are involving the upper  
21 portions of the brain, not the brain stem, not the  
22 cerebellum. Common etiologies include  
23 microvascular ischemia, idiopathic changes, changes  
24 in blood vessels or non-specific changes that are

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1 not clinically significant. Potential etiologies  
2 include demyelinating disease, including multiple  
3 sclerosis.  
4 The MRA study does not appear to show  
5 significant changes. There were some technical  
6 issues questioned of some narrowing of the internal  
7 arteries, internal carotid artery, both sides.  
8 Q. Based on the MR report you have and the  
9 clinical picture of the patient, would this patient  
10 have MS?  
11 A. No.  
12 Q. And why not?  
13 A. The clinical history is that something  
14 happened to her greater than 15 years ago. She was  
15 told that she had a stroke. She had weakness of  
16 her left leg and she's persistently had weakness of  
17 the left arm and the left leg. There's nothing to  
18 suggest that she's had exacerbations or remissions.  
19 Looking at her neurological  
20 examination, the doctor found some fairly subtle  
21 changes involving the left side of the body  
22 consistent with the previous cerebral infarction.  
23 His diagnosis was indeed she had a lacunar cerebral  
24 infarction, which was a reasonable diagnosis. So

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1 there is no history to suggest multiple sclerosis.  
2 The MRI changes that I've described are  
3 non-specific and do not suggest multiple sclerosis.  
4 Q. You mentioned the lacunar infarction. Does  
5 that relate back to the stroke 15 years ago?  
6 A. Cerebral infarction.  
7 Q. Infarction. Okay.  
8 A. Cerebral infarction. May I go back and  
9 explain that a little bit?  
10 Q. Yeah.  
11 A. Cerebral infarction means that there's an area  
12 of decreased circulation to a portion of the brain.  
13 If that area's circulation is decreased for a long  
14 enough period of time, that part of the brain will  
15 die. When that happens, it's referred to as a  
16 stroke or an infarct. Cerebral refers to the  
17 portions of the brain. If the brain flow is  
18 restored, then that's referred to as an area of  
19 ischemia. If it comes and goes, it's referred to  
20 as a transient ischemic attack, so you can have a  
21 threatened stroke or you can actually have a stroke  
22 or an infarction. The lacunar relates to the size  
23 of the particular stroke. By definition of a  
24 lacunar infarct, it's ten millimeters or less, and

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1 pathologically, they're different from other types  
2 of strokes as well.  
3 Q. So is what the MRI shows consistent with  
4 the stroke that occurred 15 years ago?  
5 A. No.  
6 Q. Okay. And you mentioned the change -- the  
7 weakness in one side of the leg and then the same  
8 side of the body. Is that significant relative to  
9 her stroke?  
10 A. Yes.  
11 Q. Why?  
12 A. If she did have a right cerebral  
13 infarction, which was the clinical diagnosis from  
14 the doctor, that would be expected to give you  
15 weakness on the left side involving the arm and the  
16 leg. It can be one or the other. Sometimes we  
17 just see it in one extremity, but typically, it  
18 would be the extremities on the side contralateral  
19 to the area of the stroke.  
20 Q. So is that -- is her symptoms consistent  
21 with the diagnosis of a stroke she had 15 years  
22 ago?  
23 A. Yes.  
24 Q. If you go to Bates 230, which is Medical

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1 Record 334, Medical Record 334 to 35 and Bates 230  
2 to 231, is that a note from Dr. Padmanabhan?  
3 **A. What is the page number again, please?**  
4 Q. Medical record is 344 to 345.  
5 **A. I have reviewed the record.**  
6 Q. Okay. And on the first page, Medical  
7 Record 344 and Bates 230, it talks about the  
8 sagittal FLAIR sequence is extremely suggestive of  
9 multiple sclerosis, but it could be, paraphrasing,  
10 other symptoms. Is that a correct assessment based  
11 on the records you reviewed?  
12 **A. No.**  
13 Q. Why not?  
14 **A. I have not reviewed the images myself, but**  
15 **looking at the previous described report from the**  
16 **radiologist who officially read the study, the**  
17 **description is not of a study suggestive of**  
18 **multiple sclerosis. It shows a study which has**  
19 **non-specific changes, and that multiple sclerosis**  
20 **was within the differential diagnosis, but was**  
21 **unlikely.**  
22 **THE MAGISTRATE:** And the differential  
23 diagnosis again means what?  
24 **A. When you see somebody who has a medical**

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1 **problem, in formulating your impression, you go**  
2 **through the different possibilities for the**  
3 **diagnosis. So you say all right. I can see the**  
4 **problems that this person has and this would be**  
5 **consistent with having Diagnoses A, B and C. If**  
6 **someone presents with a cough, you could say all**  
7 **right. This person has a cough. Depending on the**  
8 **clinical circumstances, I might be concerned about**  
9 **the flu, I might be concerned about tuberculosis, I**  
10 **might be concerned about a lung tumor. The lateral**  
11 **diagnoses would be in the differential diagnosis of**  
12 **a cough.**  
13 **THE MAGISTRATE:** Is it fair to say a  
14 layperson would call it a possible diagnosis?  
15 **A. Yes.**  
16 Q. (BY MR. PAIKOS) Then on the next page,  
17 Bates 231, Medical Record 345, what were  
18 Dr. Padmanabhan's conclusions?  
19 **A. That she may have actually had an MS attack**  
20 **15 years or so before, when she was in**  
21 **South Carolina, rather than a lacunar stroke.**  
22 Q. What information is there in the record up  
23 to this point that there -- that that is  
24 potentially correct?

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1 **A. Nothing that I could find.**  
2 Q. Okay. And there's a mention about Dawson's  
3 fingers?  
4 **A. Yes.**  
5 Q. Is that mentioned in the radiologist's  
6 report?  
7 **A. Sorry. Do you have the date again, the**  
8 **page number for the radiologist's report? Excuse**  
9 **me.**  
10 Q. 300.  
11 **A. Page 300? It is mentioned in the**  
12 **radiologist's report. There was a note here, no**  
13 **lesions demonstrate the Dawson's finger morphology**  
14 **slash pattern of multiple sclerosis.**  
15 **DR. PADMANABHAN:** Objection.  
16 **A. He specifically mentioned that he does not**  
17 **see Dawson's fingers.**  
18 **THE MAGISTRATE:** Basis?  
19 **DR. PADMANABHAN:** You asked, or  
20 Mr. Paikos asked Dr. Levin what he saw in my note,  
21 and I don't see a mention of lacunar stroke  
22 anywhere in my notes.  
23 **THE MAGISTRATE:** It's not strictly an  
24 objection, but let's locate it for Dr. Padmanabhan,

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1 because I think I've seen it.  
2 **MR. PAIKOS:** It is in the notes in the  
3 Bates 217 in a prior provider's record, so it may  
4 not specifically be -- and I can point it out. I'm  
5 not sure if Dr. Padmanabhan noted the years or not.  
6 **THE MAGISTRATE:** Mr. Paikos, are you  
7 aware of it in Bates 230 or 231? Yes. It's on  
8 page 231. It is possible, given her history and  
9 her exam, that she has had MS and that the  
10 South Carolina episode was actually an MS attack  
11 rather than lacunar stroke. Dr. Padmanabhan?  
12 **DR. PADMANABHAN:** There is nothing to  
13 suggest that this attack is the one that was  
14 referred to in the original document 15 years ago.  
15 **THE MAGISTRATE:** So I'm going to accept  
16 Dr. Levin's testimony and overrule your objection.  
17 Q. (BY MR. PAIKOS) So the MRI showed no  
18 Dawson's fingers?  
19 **A. That is correct.**  
20 Q. And part of the plan is to repeat the MRI  
21 in three months?  
22 **A. Yes.**  
23 **THE MAGISTRATE:** Mr. Paikos, I see you  
24 flipping through pages. It's getting close to

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1 one o'clock.  
2 **MR. PAIKOS:** Yes.  
3 **THE MAGISTRATE:** Is this a good time to  
4 break within this record?  
5 **MR. PAIKOS:** Yes.  
6 **THE MAGISTRATE:** All right. Let's take  
7 a one-hour break.  
8 (Off the record.)  
9 (Lunch recess taken from 1:00 to 2:03.)  
10 **THE MAGISTRATE:** We are back on the  
11 record and Dr. Levin is still under oath.  
12 RESUMED DIRECT EXAMINATION  
13 Q. (BY MR. PAIKOS) Dr. Levin, do you remember  
14 being asked about an abbreviation, NKDA, yesterday?  
15 **A. Yes.**  
16 Q. Do you remember what it is now?  
17 **A. I did confer with our nurse, who tells me**  
18 **that it relates to no drug allergies.**  
19 Q. Okay. Going to Patient's Medical  
20 Record 435 to 436, which is at Bates 262 to 263 --  
21 **THE MAGISTRATE:** I'm sorry. The Bates  
22 numbers again?  
23 **MR. PAIKOS:** 262 to 263.  
24 Q. (BY MR. PAIKOS) What is that? What is

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1 this?  
2 **A. This is an MRI report dated 7/2/2008. It's**  
3 **an MRI of the brain, non-contrast.**  
4 Q. Okay. And on 263, which is Medical  
5 Record 436, Bates 263, there's a line that says  
6 clinical indication. What is that?  
7 **A. That would be the information typically**  
8 **given to the radiology department by the ordering**  
9 **physician.**  
10 Q. And does it say on the prior page or this  
11 page who that ordering physician is?  
12 **A. Yes. Dr. P.**  
13 Q. And why -- why is that given?  
14 **A. It gives the interpreting radiologist an**  
15 **idea of the concerns of the ordering physician;**  
16 **tells him or her what potential diagnoses may be**  
17 **and at least some of their thinking in terms of why**  
18 **you are ordering the study. You would like the**  
19 **radiologist to look at the study in at least some**  
20 **reference to your clinical concerns about the**  
21 **patient.**  
22 Q. And in technique, what's the technique?  
23 **A. The technique describes the particular**  
24 **protocol that was used in doing the study. In this**

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1 **case, there is a standard MS, multiple sclerosis,**  
2 **department protocol. When MRI's are done, they use**  
3 **a variety of different techniques. Different**  
4 **settings are done on the machine so that you end up**  
5 **with a -- anywhere between I guess six to**  
6 **12 different sets of images. Some of those are**  
7 **standard, done on every patient. Some would be**  
8 **different depending on whether you're looking for a**  
9 **stroke, whether you're looking for multiple**  
10 **sclerosis, what the particular concern you have is.**  
11 **And this is a description here of what was**  
12 **specifically done. There is a notation it was done**  
13 **using standard MS department protocol imaging.**  
14 Q. And under finding, what does this  
15 radiologist say the findings were?  
16 **A. Excuse me. If I may further comment on the**  
17 **technique, no IV contrast was given, patient**  
18 **refused. So with a typical MS protocol study, you**  
19 **like to see contrast, see if there is contrast**  
20 **enhancement looking for active lesions. This**  
21 **patient said that she did not wish to have contrast**  
22 **material.**  
23 **THE MAGISTRATE:** So how is contrast  
24 done and what is it the patient refused?

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1 **A. An intravenous injection.**  
2 **THE MAGISTRATE:** And what does the  
3 intravenous injection do?  
4 **A. In brain MRI, which is, of course, what**  
5 **we're looking at here, if there are active areas of**  
6 **inflammation or if there is a breakdown in the**  
7 **blood-brain barrier -- normally, blood vessels come**  
8 **into the brain, they leave the brain, and there is**  
9 **no connection between the blood vessels and the**  
10 **brain as far as you can see on your imaging study.**  
11 **If there is a breakdown in the blood-brain barrier,**  
12 **then there will be a change in what you see on the**  
13 **imaging study, so for example, if someone has had a**  
14 **stroke, you may see changes in the blood-brain**  
15 **barrier, where if you give a contrast, you may see**  
16 **changes in the contrast in the brain. If someone**  
17 **has active multiple sclerosis, active areas of**  
18 **inflammation from MS, then you may see areas of**  
19 **what's called contrast enhancement, so you'll see**  
20 **white areas that will show up that did not show up**  
21 **or showed up much more poorly prior to giving them**  
22 **the contrast material.**  
23 **THE MAGISTRATE:** So this is an agent  
24 that is administered intravenously to a patient and

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1 that agent creates the contrast that shows up on an  
2 MRI?  
3 **A. Correct.**  
4 **THE MAGISTRATE:** And this patient  
5 refused to do it?  
6 **A. That's correct.**  
7 **Q. (BY MR. PAIKOS)** Doctor, if you -- it says  
8 under technique, compared with the prior exam from  
9 3/7/08. Is that the note -- the exam we looked at  
10 earlier, the radiographic image note?  
11 **A. Yes.**  
12 **Q.** And is that something commonly done,  
13 important to do?  
14 **A. It is commonly done and it's important to**  
15 **do.**  
16 **Q.** Why is it important to do?  
17 **A. It's important to be able to contrast your**  
18 **present study with previous study to see if there's**  
19 **been any change. Has the patient gotten better, is**  
20 **the patient worse. Sometimes the pattern of change**  
21 **can be very helpful in terms of making a diagnosis.**  
22 **For example, patients with MS commonly will have a**  
23 **change in their MRI study. That's the reason we**  
24 **repeat studies oftentimes. In patients with MS,**

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1 **you do an initial study. It may be equivocal. You**  
2 **see some mild changes. You do a repeat study and**  
3 **you see different areas that are new. This will**  
4 **help you in making a diagnosis. Or someone may**  
5 **present with a new problem, someone has worsening**  
6 **headaches that they didn't have previously. You**  
7 **did the study a year ago, two years ago. It was**  
8 **normal. You do a study now. You see an area of**  
9 **distinct abnormality that indicates things have**  
10 **changed now. You're dealing with a brain tumor, or**  
11 **they've had a stroke, they have MS.**  
12 **Q.** If there are changes on it, would that be  
13 potentially indicative of an MS attack or that  
14 they're -- something happened in the brain that  
15 supports a diagnosis of MS?  
16 **A. Changes certainly occur when someone has an**  
17 **MS attack. In people who have MS, the correlation**  
18 **between their clinical course and the MRI findings**  
19 **oftentimes is poor. Most of the time, we'll see**  
20 **many more lesions, many more areas of abnormality**  
21 **on the MRI than we would appreciate given the**  
22 **patient's clinical course, and there is not a good**  
23 **correlation. In other words, someone who shows up**  
24 **with weakness in their left arm will not**

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1 **necessarily have an abnormality on the right side**  
2 **of the brain. If we're lucky, they will have it**  
3 **and we can say okay, that's what's going on there,**  
4 **but it's not like somebody who has a stroke, where**  
5 **we see the stroke on the right side of the brain**  
6 **and someone is showing left-sided weakness. With**  
7 **MS, frequently, we'll see many more abnormalities**  
8 **on the MRI than we'll see from what the patient**  
9 **reports to you clinically.**  
10 **Q.** Now, do you see the areas of findings and  
11 summary? If you could review those?  
12 **A. Perhaps I'll -- would you like me to read**  
13 **them and then interpret them?**  
14 **Q.** Yes.  
15 **THE MAGISTRATE:** Actually, if I could  
16 interject, just interpret them. If you need to  
17 review them, I understand.  
18 **A. The description from the interpreting**  
19 **radiologist is that there are punctate white meta**  
20 **changes, so very tiny areas of increased signal in**  
21 **the white matter consistent with multiple**  
22 **sclerosis, with MS. The periventricular white**  
23 **matter on both cerebral hemispheres. I have some**  
24 **problems reading through it now. The description,**

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1 **the detail given to us by the radiologist is less**  
2 **than I would expect to have. It's less than we**  
3 **have on the previous radiologist's interpretation.**  
4 **This is not the exact type of detailed**  
5 **interpretation that you would expect.**  
6 **THE MAGISTRATE:** When you say previous,  
7 previous for this patient, or --  
8 **A. Yes. So we compare this to the previous**  
9 **MRI report. This one is much less detailed. It's**  
10 **much less exact, and the doctor -- typically, you**  
11 **make findings, you describe what you see and then**  
12 **you go to a summary or impression. What this**  
13 **doctor is doing is making a diagnosis while reading**  
14 **the study, while giving us the findings. Punctate**  
15 **white meta changes are noted consistent with**  
16 **multiple sclerosis. That's not typically what you**  
17 **do with a findings report. You would say this is**  
18 **what I see. These are where the areas are. This**  
19 **is what they look like. This is the localization,**  
20 **this is the distribution, and then give us a good**  
21 **description, and then in the impression or the**  
22 **summary, say this is what I've seen and this is**  
23 **consistent with the diagnosis of multiple**  
24 **sclerosis. So this -- it does bother me that the**

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1 doctor does not give us a better description. The  
2 doctor does note that the findings are stable,  
3 stable in size, number and distribution, meaning  
4 that they're just the same as they were before.  
5 Can't tell if any of the lesions are active,  
6 because there's no contrast. There is no mention  
7 of the corpus callosum. There is a mention that  
8 the posterior fossa is normal, the brain stem area  
9 is normal. And then the summary is white  
10 demyelination, which is a very peculiar term. I  
11 don't believe I've seen that term before.  
12 Demyelination means that there is abnormalities  
13 involving the myelin. Typically, this would be  
14 white matter. So when you see white matter  
15 lesions, you typically say white matter  
16 demyelination. No change from prior MRI. So this  
17 doctor is look at this saying okay, this looks  
18 exactly the same as it looked before, and this is  
19 consistent with multiple sclerosis.  
20 If we go back and we look at the  
21 interpretation of the previous doctor I cited that  
22 looks exactly the same according to this doctor,  
23 that doctor said these are non-specific changes,  
24 idiopathic, meaning of no clinical significance,

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1 and possibly, but unlikely -- I believe the term  
2 was unlikely multiple sclerosis.  
3 Q. Now, Doctor, going to Medical Record 440,  
4 Bates 264 --  
5 A. I have one additional comment, if I may.  
6 Q. Yes.  
7 A. I think the clinical indication was  
8 important. If we look at the clinical indication  
9 for this study and we look at the clinical  
10 indication for the last study, it's very different.  
11 May we go back and look at the previous clinical  
12 indication?  
13 Q. Was it an indication for multiple  
14 sclerosis?  
15 A. It was not.  
16 THE MAGISTRATE: What Bates number,  
17 please, Mr. Paikos?  
18 MR. PAIKOS: 252, Medical Record 425.  
19 THE MAGISTRATE: And the Bates number  
20 is?  
21 MR. PAIKOS: 252.  
22 A. I'm sorry. The medical record?  
23 Q. (BY MR. PAIKOS) 425, I believe. Oh, that  
24 might be -- no, that's the current one. I

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1 apologize.  
2 A. Is it 280 -- or I'm sorry. Page 300? Is  
3 that correct?  
4 Q. Medical Record 300, Bates 223.  
5 A. So if we look at page 300, at the top of  
6 the page, reason for exam is TIA back pain,  
7 neurogenic claudication. The indication for this  
8 study, and again, the interpreting doctor stated  
9 moderate amounts of non-specific white matter  
10 change; less likely potential etiologies include  
11 demyelinating disease. In this particular study,  
12 the study on page 436, the clinical indication was  
13 multiple sclerosis. So this doctor is being told  
14 this patient has multiple sclerosis. He's now  
15 looking at the study and saying okay, you told me  
16 this patient has multiple sclerosis.  
17 THE MAGISTRATE: Being told, or being  
18 told tentatively?  
19 A. Clinical indication is multiple sclerosis.  
20 THE MAGISTRATE: He's being told, and  
21 that's why it is not standard protocol?  
22 A. It does not say rule out MS. It says MS.  
23 It doesn't say possible MS. It says MS.  
24 THE MAGISTRATE: Is there a difference

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1 between clinical indication on your Medical  
2 Record 435, Bates 263, and reason for exam, your  
3 Medical Record 300, Bates 223?  
4 A. I'm sorry. What was the second page, the  
5 last page?  
6 THE MAGISTRATE: Reason for exam.  
7 A. And that was page 300?  
8 THE MAGISTRATE: 300. Is there a  
9 difference between clinical indication and reason  
10 for exam?  
11 A. That's interesting. You've just drawn my  
12 attention to something I didn't notice. If we go  
13 to the bottom of page 435, normally, I would expect  
14 to see either reason for exam or clinical  
15 indication. If we go to the bottom of page 435, it  
16 states reason for exam.  
17 THE MAGISTRATE: MS?  
18 A. MS.  
19 THE MAGISTRATE: And clinical  
20 indication, MS?  
21 A. And clinical indication, MS. If we go to  
22 300, reason for exam, TIA, back pain, neurogenic  
23 claudication; indication, transient ischemic  
24 attack.

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1     **THE MAGISTRATE:** And what's TIA stand  
2     for?  
3     **A. Transient ischemic attack.**  
4     **THE MAGISTRATE:** Oh, I see it right  
5     underneath.  
6     **A. So this doctor is told definitely this is a**  
7     **patient who has MS.**  
8     **THE MAGISTRATE:** Medical record 300,  
9     Bates 223 is from one doctor and Medical  
10    Record 435, Bates 262, that's from Dr. Padmanabhan.  
11    So it's from two different referring doctors.  
12    **A. I'm sorry. I'm not following you, sir.**  
13    **THE MAGISTRATE:** Medical Record 300,  
14    Bates 223 is from Steven Auerbach, MD.  
15    **A. He's the interpreting radiologist.**  
16    **THE MAGISTRATE:** He's the interpreting.  
17    **A. Interpreting radiologist, yes.**  
18    **THE MAGISTRATE:** But both ordering  
19    physician is Dr. Padmanabhan both times?  
20    **A. Correct.**  
21    **THE MAGISTRATE:** I see. So do we have  
22    an indication as to why the reason for exam in the  
23    indication is different?  
24    **A. I do not know that, no.**

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1     **THE MAGISTRATE:** But the techniques are  
2     different, too, for the two MRI's. One is standard  
3     protocol for MS.  
4     **A. Yes.**  
5     **THE MAGISTRATE:** Would those lead to  
6     MRI's that would be comparable; you could compare  
7     and say there's no change?  
8     **A. Looking at the first study on page 300,**  
9     **that's dated 3/7/2008, you are correct. The study**  
10    **was performed using the sagittal T1; ah, but then**  
11    **sagittal FLAIR was added to the routine. So the**  
12    **patient did have a sagittal FLAIR as well. We do**  
13    **not know the specific technique used for the MS**  
14    **department protocol. Standard MS imaging would**  
15    **include sagittal FLAIR and would include an axial**  
16    **FLAIR study as well as contrast material, but in**  
17    **this case, of course, no contrast material was**  
18    **given.**  
19    **Looking at the initial study, I would**  
20    **view that as being an adequate MS study.**  
21    **THE MAGISTRATE:** Allowing for a  
22    comparison between the two MRI's?  
23    **A. Correct.**  
24    **THE MAGISTRATE:** And allowing a

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1     conclusion that no change from prior MRI, Medical  
2     Record 436, Bates 263?  
3     **A. That is correct.**  
4     **THE MAGISTRATE:** Thank you.  
5     Mr. Paikos?  
6     **Q. (BY MR. PAIKOS)** And prior to the MRI, had  
7     Dr. Padmanabhan begun to consider MS as a possible  
8     diagnosis, prior to this second MRI where there's  
9     an indication, clinical indication -- let me  
10    rephrase it. On the July 2nd, 2008, MRI, where  
11    there's a reason for exam, MS, and clinical  
12    indication of MS, prior to that, we had seen notes  
13    showing that Dr. Padmanabhan was considering MS?  
14    **A. May we go back to his previous note?**  
15    **Q.** Yes, and that's I believe at 344 to 345,  
16    Medical Record; Bates 230 to 231.  
17    **A. On this date, 4/7/2008, the doctor does**  
18    **discuss his reading of the MRI, and his reading of**  
19    **the brain MRI was different than the radiologist's**  
20    **reading of the MRI in that clinically, he does note**  
21    **his suspicion that she actually has MS.**  
22    **Q.** So this note from -- just to be clear --  
23    from April 7th, 2008, is after the first MRI, which  
24    showed no Dawson's fingers, and this note is

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1     afterwards, but Dr. Padmanabhan says there is  
2     Dawson's fingers on the first?  
3     **A. That's correct.**  
4     **Q.** So this note of April 4th, April 7th, 2008,  
5     was before the second MRI of July 2nd, 2008, at  
6     Bates 262, Medical Record 435, where the ordering  
7     physician -- well, where it says reason for exam,  
8     MS; clinical indication, MS?  
9     **A. Correct.**  
10    **Q.** Was there a clinical indication for MS at  
11    the time of the second exam?  
12    **A. In my opinion or in the doctor's opinion?**  
13    **Q.** In your opinion.  
14    **A. In my opinion, there was not.**  
15    **Q.** And why not?  
16    **A. The patient's clinical history was not read**  
17    **as remissions and exacerbations. The clinical**  
18    **symptoms the patient had are not suggestive of MS.**  
19    **She had an episode that had occurred previously, I**  
20    **think we had discussed, in South Carolina many**  
21    **years ago that was stated to have been a stroke.**  
22    **Had originally felt that that was -- the original**  
23    **diagnosis was a lacunar infarction. I agreed with**  
24    **that assessment. I believe that was a correct**

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1 assessment of the history that was obtained, as  
2 well as his examination of the patient, so there  
3 was no clinical history to suggest multiple  
4 sclerosis. And the report from the interpreting  
5 radiologist was of a study showing non-specific  
6 changes. That appeared to be a study consistent  
7 with multiple sclerosis.

8 Q. Directing your attention to Medical  
9 Record 440 --

10 **THE MAGISTRATE:** Mr. Paikos, if I could  
11 interject, before we move on, Dr. Levin, is there a  
12 connection or possible connection in your  
13 assessment between a clinical indication for MS and  
14 then the findings that are consistent with MS?

15 **A. Is there a possible connection between the  
16 two?**

17 **THE MAGISTRATE:** Yes.

18 **A. Yes.**

19 **THE MAGISTRATE:** What is that  
20 connection or possible connection?

21 **A. The doctor who -- the clinical information  
22 for the study was multiple sclerosis. That was the  
23 clinical diagnosis. The PE's diagnosis was  
24 multiple sclerosis. And the doctor who read the**

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1 study, the interpreting radiologist, also stated  
2 this study is consistent with multiple sclerosis.

3 **THE MAGISTRATE:** Is there a  
4 relationship between those two doctors, the first  
5 clinical indication by one doctor and the findings  
6 by a second doctor?

7 **A. I don't understand the question.**

8 **THE MAGISTRATE:** Did the clinical  
9 indication influence the findings, as best you can  
10 determine?

11 **A. I was not the doctor. I was not the  
12 interpreting doctor. I can certainly conjecture as  
13 to what I think might have occurred.**

14 **THE MAGISTRATE:** Yes, please.

15 **A. I think that it's not unlikely that the  
16 radiologist who read the second study looked and  
17 saw the clinical diagnosis was multiple sclerosis  
18 and was therefore swayed in his reading to look at  
19 the images and give a diagnosis of multiple  
20 sclerosis. I think had the doctor not had that  
21 diagnosis, he may have been objective, and I  
22 suspect that he was not objective in his  
23 interpretation of the study. I think he was being  
24 more subjective. I think he was swayed. Seeing**

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1 that he immediately makes the diagnosis in his  
2 findings, which is unusual, you wouldn't normally  
3 say I see punctate findings and this is consistent  
4 with MS. You would say I see punctate findings,  
5 here they are, tell us what's positive, tell us  
6 what's negative, think about it for a while and  
7 then come together with the impression. And he may  
8 at that point still say I see these clinical  
9 changes that I believe are consistent with multiple  
10 sclerosis, but the fact that he made such a quick  
11 diagnosis and also that he doesn't tell us why he  
12 feels differently than the other doctor -- he says  
13 no change from prior MRI. Sometimes certain  
14 doctors disagree with each other all the time, but  
15 if you are disagreeing, oftentimes, a doctor will  
16 say previous study was interpreted as being normal  
17 or as being non-specific; looking at the study  
18 today, I believe this is more consistent with a  
19 diagnosis of multiple sclerosis, or he might say  
20 given the clinical diagnosis of multiple sclerosis,  
21 then I find these MRI changes consistent with that  
22 diagnosis.

23 **THE MAGISTRATE:** And yet there are no  
24 changes?

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1 **A. That is correct.**

2 **THE MAGISTRATE:** So if the interpreting  
3 doctor was swayed by the clinical indication, an  
4 erroneous clinical indication led to erroneous  
5 findings?

6 **A. That is correct.**

7 **THE MAGISTRATE:** Thank you.

8 **A. Not erroneous findings. Erroneous  
9 interpretation.**

10 **THE MAGISTRATE:** Erroneous  
11 interpretation that appears under findings?

12 **A. Right.**

13 Q. (BY MR. PAIKOS) Have you seen that sort of  
14 scenario in your own practice?

15 **A. I have. There have been instances where  
16 the radiologist has given me a diagnosis that I  
17 believe is incorrect, and it may be because he was  
18 given a clinical diagnosis, and then my goal -- I  
19 said listen, I think this clinical diagnosis was  
20 wrong. I don't think the patient has that. I  
21 think the patient has another disease. He may look  
22 and say well, you know, you're right. If the  
23 patient doesn't have that disease, then this is not  
24 consistent with the disease. And likewise, the**

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1 opposite can happen. You tell them to go back. A  
2 study may have been read as non-specific and I go  
3 back and say we didn't tell you what was going on  
4 with this patient, but this patient has MS, and  
5 he'll look at the study and say oh, well, if the  
6 patient has MS, then what I thought was  
7 non-specific before really is more consistent. Now  
8 that I have more patient data, yeah, there is a  
9 little involvement of the corpus callosum that I  
10 really didn't appreciate, I should have looked more  
11 closely, and I think it is consistent with MS.  
12 That's the beauty of being able to look at these  
13 and other tests and discuss with colleagues.  
14 Q. Now, directing your attention to Medical  
15 Record 440 to 442, which is at Bates 264 to 266,  
16 and if you could review that note, the note by  
17 Dr. Padmanabhan, let me know when you're done.  
18 A. I have reviewed this report.  
19 Q. And is Dr. Padmanabhan's care within the  
20 standard of care?  
21 A. This report is below the standard of care.  
22 Q. Why?  
23 A. In reviewing the impression, excuse me,  
24 reviewing the history, he notes that she had been

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1 diagnosed with a stroke in South Carolina and I had  
2 doubted that diagnosis when I first saw her back in  
3 March of 2008. I believe in his note of  
4 March 2008, he had diagnosed her with a stroke,  
5 possibly a lacunar stroke. He had agreed that  
6 indeed he did not doubt the diagnosis, according to  
7 his notes. He notes that she has significant --  
8 continues to have significant spasticity, while  
9 there was no previous report to indicate that she  
10 had spasticity. He describes her having some  
11 difficulty, left-right dragging getting up in the  
12 morning, knee doesn't bend, lots more  
13 charleyhorses, lots more cramps, more in the left  
14 leg than in the right. Otherwise, pretty much the  
15 same. Fatigue is an issue. And he describes her  
16 diet, her being diabetic, monitoring her blood  
17 sugar. There's no history here or there's little  
18 history to assess her for whether or not she has  
19 multiple sclerosis, any history suggesting present  
20 or past remissions or exacerbations, no real hard  
21 neurological findings except findings that relate  
22 to what had previously been called stroke. So she  
23 had difficulty with her left leg. She's had  
24 difficulties with her left leg for 15 plus years

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1 from what was said to be a stroke in the past. No  
2 evidence that this has gotten worse. No evidence  
3 of spasticity. So really nothing in the history to  
4 suggest multiple sclerosis.  
5 Looking at his examination, and the  
6 examination is within the standard of care, he  
7 notes that the tone is normal in her legs and is  
8 normal in her arms. There's no evidence of  
9 spasticity. So he does not describe her as having  
10 increased tone. He states it very specifically.  
11 Tone is normal. She does not have spasticity,  
12 according to his examination. He finds that maybe  
13 there is slight increase in tone in the left leg,  
14 but is really minimal. Bulk is slightly reduced  
15 all over. Power is five slash five, so normal  
16 strength. Coordination is off on the left side  
17 still. So there are some mild left-sided value  
18 findings consistent with a previous right-sided  
19 cerebral abnormality. She is not ataxic, doesn't  
20 show any significant changes, no spasticity, no new  
21 findings, nothing that's really different from what  
22 he saw before when he diagnosed her with a probable  
23 old right cerebral infarction. So we have the MRI  
24 changes, which again, alone are not sufficient to

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1 make a diagnosis of multiple sclerosis, but we do  
2 not have any real clinical changes. She's also at  
3 this point 64, I believe, 65. He's postulating  
4 that perhaps this happened 15 plus years ago, which  
5 would have put her in her early 50's. A little old  
6 for onset of MS, certainly possible, but as far as  
7 we know, she's had no other intervening problems  
8 over the years. So one episode 15 plus years ago,  
9 left leg weakness, and no new neurologic symptoms  
10 over 15 years. That's not a diagnosis of multiple  
11 sclerosis.  
12 Q. Spasticity, is that different than spasms?  
13 A. Spasms are something that a patient  
14 describes where there can be a tightening of  
15 muscles. Spasms typically would imply that it's  
16 coming and going, or you can have muscle spasm that  
17 will be a more continuous spasm; muscle spasm in  
18 the back, for example, from irritation. If you  
19 have a disk problem, if you strained your back from  
20 lifting with muscle strain, you can have muscle  
21 spasm, a tightening of the muscles themselves.  
22 That's different than spasticity.  
23 THE MAGISTRATE: Which I have in front  
24 of me. Thank you.

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1 **A. Right. Which is as we described yesterday.**  
2 Q. (BY MR. PAIKOS) What was the plan for  
3 medication?  
4 **A. Plan was to begin her on CellCept.**  
5 Q. What is CellCept?  
6 **A. CellCept is a form of chemotherapy most**  
7 **commonly used for cancer patients.**  
8 Q. Is it something commonly used for MS  
9 patients?  
10 **A. No.**  
11 Q. Have you seen it used for MS patients?  
12 **A. I have never seen it used. I did look it**  
13 **up. I looked up the Brigham & Women's MS clinic**  
14 **site to see if they were using it, since they have**  
15 **a number of experimental protocols that they use,**  
16 **and they do list CellCept as one of the medications**  
17 **that they do occasionally use. I think it's very**  
18 **unlikely that they use this frequently. I think**  
19 **it's probably used very infrequently. This would**  
20 **be a third or fourth line drug. It's a very toxic**  
21 **medication. It has the potential for many serious**  
22 **side effects, including late onset cancers.**  
23 **Typically --**  
24 **THE MAGISTRATE: It can create cancers?**

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1 **A. Correct, as a side effect. Places like the**  
2 **Brigham MS clinic have experimental protocols, so**  
3 **they have drugs that may be useful that they're**  
4 **using on an experimental basis. They also would**  
5 **tend to more commonly see patients who are very**  
6 **seriously ill, who have serious problems with their**  
7 **disease, with MS, and aren't responding to more**  
8 **standard therapies, so they would potentially be**  
9 **more likely to use types of chemotherapy, other**  
10 **potentially very serious medications in terms of**  
11 **being detrimental to the patients.**  
12 **THE MAGISTRATE: Third line or fourth**  
13 **line means what?**  
14 **A. That you would typically try one or two**  
15 **other medications before you would try this. It**  
16 **may even be further down the line. I've never in**  
17 **my career seen CellCept used. I've been doing this**  
18 **for a long time and I've seen a number of other**  
19 **experimental therapies over the years, but not**  
20 **CellCept, but again, it is in the Brigham & Women's**  
21 **website, so obviously, they do use it on occasion.**  
22 Q. (BY MR. PAIKOS) If we can go to tab --  
23 which I will get for you, Dr. Levin, Tab 23C and  
24 23D will be the next two. Please identify those

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1 two exhibits.  
2 **A. This is the reference that I got from the**  
3 **Partners Multiple Sclerosis Center on CellCept.**  
4 Q. And how do they -- how is it administered  
5 by them?  
6 **A. It's given orally, and they describe the**  
7 **forms that they use.**  
8 Q. And why is a protocol necessary with  
9 something like CellCept?  
10 **A. Because of potential serious side effects.**  
11 Q. And if you go to the next tab, this is a  
12 computer printout, and have you written something  
13 at the top?  
14 **A. I did.**  
15 Q. What did you write?  
16 **A. This is part of the handout on CellCept,**  
17 **and this is from -- I believe this is -- oh, this**  
18 **is from Up To Date. This is from the -- it's**  
19 **really a computer textbook called Up To Date. And**  
20 **I couldn't print the whole thing, so I printed some**  
21 **of it.**  
22 Q. Okay. And does that discuss some of the  
23 reasons for the medication and its impact, side  
24 effects?

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1 **A. It does.**  
2 Q. And are there warnings that come with the  
3 medication? I can take that back from you.  
4 **A. Yes, it has a boxed warning, what's**  
5 **referred to as a boxed warning.**  
6 **THE MAGISTRATE: Mycophenolate is**  
7 **CellCept?**  
8 **A. That's correct. The boxed warning states,**  
9 **experienced physician, only health care providers**  
10 **experienced in immunosuppressive therapy --**  
11 **THE MAGISTRATE: Okay. I can see that.**  
12 Thank you.  
13 Q. (BY MR. PAIKOS) And there is also mention  
14 in the medical record we were looking at of another  
15 prescription for baclofen. What is -- I think we  
16 talked about baclofen yesterday. What is that for?  
17 **A. Baclofen is an anti-spasticity medication.**  
18 Q. Is there a clinical reason in this note for  
19 the baclofen?  
20 **A. The clinical reason given is that she has**  
21 **-- excuse me. Backing up, under impression, it**  
22 **states multiple sclerosis. There's no clinical**  
23 **discussion of spasticity. He does mention in the**  
24 **history, she continues to have significant**

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1 spasticity, but then in his examination notes that  
2 he did not find evidence of spasticity. And  
3 impression is multiple sclerosis with no mention of  
4 spasticity.  
5 Q. Under the description of the examination,  
6 would baclofen be the correct medicine to  
7 prescribe?  
8 A. Looking at the examination as listed --  
9 THE MAGISTRATE: Mr. Paikos, which  
10 Bates or page number, please?  
11 MR. PAIKOS: The examination is at 265.  
12 A. Looking at the examination as listed in  
13 this progress note, there is no indication for  
14 that.  
15 Q. (BY MR. PAIKOS) And what are the negative  
16 side effects? What are the side effects of  
17 baclofen?  
18 A. The main side effect is fatigue and  
19 weakness. Sometimes patients who take baclofen can  
20 develop significant weakness, if, for example,  
21 they're having some weakness related to the process  
22 causing spasticity and they can no longer get out  
23 of a chair, they can no longer walk because of the  
24 weakness, and it can also cause significant

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1 fatigue.  
2 Q. If you go to Medical Record Number 454,  
3 Bates 257 --  
4 THE MAGISTRATE: Is the weakness as a  
5 side effect reversible?  
6 A. Yes.  
7 Q. (BY MR. PAIKOS) And that discusses some of  
8 the financial and stresses she has associated with  
9 the medication and with the multiple sclerosis?  
10 A. Yes.  
11 Q. Multiple sclerosis diagnosis, I should say.  
12 A. Yes.  
13 Q. Now, if we go to Medical Record 549,  
14 Bates 275 --  
15 THE MAGISTRATE: Before you do,  
16 Mr. Paikos, so Dr. Levin, I'm looking at Medical  
17 Record 454, Bates 267, and the progress note by a  
18 social worker. And the patient is experiencing  
19 anxiety or stress of being newly diagnosed and  
20 financial stress. As far as you know, how  
21 expensive is managing MS?  
22 A. It can be quite expensive, depending on the  
23 medication. The MS medications, standard  
24 medications, are upwards of a thousand dollars a

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1 month. I don't know how expensive CellCept is and  
2 I don't know what medication she actually got from  
3 looking at this, this sheet, but the -- these  
4 medicines are very expensive.  
5 THE MAGISTRATE: So Mr. Paikos, is this  
6 part of your case, that an incorrect diagnosis led  
7 to this stress and the financial stress?  
8 MR. PAIKOS: I think it -- yes,  
9 potentially.  
10 THE MAGISTRATE: If that's your case,  
11 if you could give me information, please, about the  
12 cost of medications that this patient was  
13 prescribed or misprescribed --  
14 MR. PAIKOS: Okay.  
15 Q. (BY MR. PAIKOS) If we go to --  
16 THE MAGISTRATE: -- and in a relative  
17 sense, anything else we know about this patient's  
18 finances and insurance.  
19 Q. (BY MR. PAIKOS) If we go to Medical  
20 Record 549, Bates 275?  
21 THE MAGISTRATE: Bates 265?  
22 Q. (BY MR. PAIKOS) Bates 275, excuse me. The  
23 medical record for 549. This is a telephone  
24 consult with the initials BP at the end. It

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1 discusses Avonex. What is Avonex?  
2 A. Avonex is one of the standard immune  
3 modulating medications for MS.  
4 Q. Did you see any notation of when it was  
5 prescribed by Dr. Padmanabhan?  
6 A. No.  
7 Q. Other than this?  
8 A. No.  
9 DR. PADMANABHAN: What page are you?  
10 MR. PAIKOS: Medical Record 549,  
11 Bates 275.  
12 Q. (BY MR. PAIKOS) Would it be in the  
13 standard of care to fail to know that you're  
14 prescribing Avonex to a patient?  
15 A. The standard of care is to indicate in  
16 great detail that you are prescribing this  
17 medication, including a discussion of why you're  
18 prescribing it, how it's being given and the  
19 potential side effects for the medication.  
20 Q. If we could move to the next record? Now,  
21 Doctor, you reviewed approximately 2,000 pages for  
22 Patient I?  
23 A. Yes, sir.  
24 Q. And as with the other records, did you as

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1 part of the preparation provide certain records or  
2 numbers or page numbers that were -- more or less  
3 provided background or were relevant to this  
4 specific hearing?  
5 **A. Yes.**  
6 Q. Would it be safe to say the first 900 or a  
7 thousand pages in the record, if you can say it,  
8 provided background from other providers and other  
9 information?  
10 **A. Yes. Some of those were really quite**  
11 **important background in terms of understanding the**  
12 **patient and understanding what occurred later with**  
13 **the patient.**  
14 Q. If we could go to Medical Record 71,  
15 Bates 277? And that number provides some -- and  
16 it's a 9/25/06 emergency note. It provides some  
17 past medical history.  
18 **A. Yes.**  
19 Q. And what is -- it lists chronic migraines,  
20 thyroidectomy, tonsillectomy and ovarian cysts from  
21 Medical Record 71?  
22 **A. Yes.**  
23 Q. And the migraines is the -- is a  
24 neurological condition?

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1 **A. Yes.**  
2 Q. If we could go to Medical Record 310,  
3 Bates 288? And is this a brain MRI ordered by  
4 Dr. Padmanabhan?  
5 **A. Yes.**  
6 Q. Is this -- if you could go to the findings  
7 -- well, actually, if you could just go to the  
8 impressions first? Does this person -- or let me  
9 strike that. If you could review the report  
10 yourself and provide us an assessment if there is  
11 multiple sclerosis or neurological issues with this  
12 patient?  
13 **A. This is a radiologic report. This is an**  
14 **MRI report. The diagnosis of multiple sclerosis**  
15 **would not have been made on the basis just of an**  
16 **MRI report. An MRI report can be suggestive and**  
17 **quite helpful in terms of making the diagnosis**  
18 **either positively or negatively. That being**  
19 **stated, the study that you're discussing right now**  
20 **of 2/29/2008 brain MRI non-contrast showed mild and**  
21 **non-specific changes. There were several scattered**  
22 **gray white matter areas of high signal intensity.**  
23 **The doctor notes they may be related to migraine**  
24 **headaches. These are non-specific findings that**

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1 **frequently can be seen with migraine headaches.**  
2 **Demyelinating process is in the differential**  
3 **diagnosis, but is less likely. If we look at the**  
4 **findings that the doctor describes, she's**  
5 **describing scattered areas of very small increased**  
6 **signal intensity, high FLAIR -- typically, high**  
7 **FLAIR, high T2 signal measuring 1.5 to two**  
8 **millimeters. So these are very small areas, likely**  
9 **representing non-specific findings.**  
10 Q. So does this person have MS?  
11 **A. Once again, the diagnosis of MS would be**  
12 **made clinically. This MRI report does not support,**  
13 **or to my reading suggest MS.**  
14 Q. Does it support any kind of inflammation?  
15 **A. No.**  
16 Q. Inflammation of the central nervous system?  
17 **A. No. This is essentially a mildly abnormal**  
18 **to normal study.**  
19 Q. If we could go to Medical Record 2047,  
20 Bates 440?  
21 **A. Two thousand?**  
22 Q. 2047.  
23 **DR. PADMANABHAN: 2047?**  
24 **MR. PAIKOS: 2047, yes, at Bates 440.**

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1 **THE MAGISTRATE: If anybody needs a**  
2 **break in the last hour, let me know.**  
3 **MR. PAIKOS: It may make sense to break**  
4 **just to kind of figure out at least how to sort the**  
5 **records, given that there are a large amount. It**  
6 **would be great for a break in general.**  
7 **DR. LEVIN: I have the record if you**  
8 **wish.**  
9 **MR. PAIKOS: I think a break may be**  
10 **good for me as well.**  
11 **THE MAGISTRATE: A five-minute break?**  
12 **MR. PAIKOS: Yes.**  
13 **THE MAGISTRATE: Five minutes.**  
14 **(Off the record.)**  
15 **(Recess taken from 2:57 to 3:03.)**  
16 Q. (BY MR. PAIKOS) Doctor, I'm going to  
17 redirect you again to Medical Record 86 to 87,  
18 Bates --  
19 **A. 2047, you didn't want that?**  
20 Q. No, not yet.  
21 **A. Excuse me. What page again, please?**  
22 Q. Medical Records 86 to 88, Bates 279, 280  
23 and 81.  
24 **A. I'm sorry. Once again. The pages that I**

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1 **have, I don't have Bates.**  
2 Q. Medical Record 86.  
3 **A. I do have those pages.**  
4 Q. Okay. And this is a CT, head without  
5 contrast, from October 2006?  
6 **THE MAGISTRATE:** The Bates number  
7 again, Mr. Paikos?  
8 **MR. PAIKOS:** Bates 279, 280 and 81.  
9 **A. CT scan of the head without contrast dated**  
10 **10/10/2006. This was a normal study.**  
11 Q. (BY MR. PAIKOS) A normal study? So would  
12 this be able to note inflammation, a CT study?  
13 **A. Possibly.**  
14 Q. And going to Medical Records 245 to 246 --  
15 excuse me. If you could go to Medical Record  
16 Number 2064 at Bates 457?  
17 **A. Sorry. Page number?**  
18 Q. Medical Record 2064 at 457.  
19 **A. And that's Medical Record 2064?**  
20 Q. Yes. What is that?  
21 **A. This is a note dated 2/28/2008, and it is a**  
22 **-- appears to be a prescription for Depo-Medrol,**  
23 **one vial, and Xylocaine, one vial, both now,**  
24 **please.**

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1 Q. What are these medications typically  
2 prescribed for?  
3 **A. Oftentimes for trigger point injections.**  
4 Q. Is there anything in the notes up to this  
5 point that would justify the -- these medications?  
6 **A. I don't believe we've gotten to any --**  
7 **sorry. The answer is no.**  
8 Q. Okay. We'll go to Medical Record 2048,  
9 Bates 441. And at the bottom, what is there?  
10 **A. I see a progress note dated 4/11/2008 from**  
11 **the doctor.**  
12 Q. Okay. If you could review the note and  
13 state whether or not it's within the standard of  
14 care?  
15 **A. This is below the standard of care.**  
16 Q. And why?  
17 **A. The -- there is a history of different**  
18 **symptoms that the patient is experiencing. There's**  
19 **worsening of pins and needles, heaviness in the**  
20 **legs. I believe this is soles all a-tingle.**  
21 **Balance is decreased. Denies bladder trouble.**  
22 **Rest as before. So there is new symptoms that the**  
23 **patient is experiencing, a number of new symptoms,**  
24 **suggestive that there may be a new neurological**

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1 **problem. The examination states no change from**  
2 **last evaluation. I don't know what the last**  
3 **evaluation showed. In a patient who presents with**  
4 **multiple new neurologic symptoms, the standard of**  
5 **care is to perform a neurological examination, as**  
6 **we have previously discussed. The assessment and**  
7 **plan, I see question mark inflammation, bulging**  
8 **disk. There's no other information given in terms**  
9 **of impression. And then plan, for MRI, cervical,**  
10 **thoracic and lumbosacral spine and returning to**  
11 **clinic after the MRI, that is within the standard**  
12 **of care.**  
13 Q. Okay. And if we go to Bates number three  
14 -- I'm sorry; Medical Record Number 343-347,  
15 Bates 292 to 296. So that's Medical Record 343,  
16 starting there, and Bates 292. Let me know when  
17 you're at Medical Record 343, Doctor.  
18 **A. I have record number 343.**  
19 Q. Okay. And that shows an MRI at lumbar  
20 spine, non-contrast, ordered by Dr. Padmanabhan?  
21 **A. That's correct.**  
22 Q. And if we go to the next page, what's the  
23 impression?  
24 **A. Minimal degenerative changes, facet joints,**

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1 **L5. Otherwise unremarkable. Basically, a normal**  
2 **study.**  
3 Q. Does it show inflammation of the central  
4 nervous system?  
5 **A. No.**  
6 Q. Is the spine part of the central nervous  
7 system?  
8 **A. The spine is part of the central nervous**  
9 **system.**  
10 Q. If we go to the next page, Medical  
11 Record 343, Bates 294?  
12 **A. Excuse me. The next page, 343 or 345?**  
13 Q. Medical Record 345, Bates 294, is that  
14 another MRI order from Dr. Padmanabhan?  
15 **A. Yes.**  
16 Q. And what is it? What part of the body?  
17 **A. The thoracic spine.**  
18 Q. If we go to the next page, Medical  
19 Record 346, Bates 295, what's the impression?  
20 **A. Unremarkable MRI of the thoracic spine.**  
21 Q. And lower down in that page is another MRI  
22 ordered, for the MRI of -- it says cerv spine  
23 without and with contrast. What does that mean?  
24 **A. This is an MRI of the cervical spine**

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1 **without and with contrast.**  
2 Q. And what are the impressions on the next  
3 page?  
4 **A. Unremarkable cervical MRI.**  
5 Q. And these were done about 4/11/08?  
6 **A. Yes.**  
7 Q. If we go to another part of the record,  
8 Medical Record 2047, which is Bates 440, and if you  
9 could review that note and state whether or not  
10 it's within the standard of care?  
11 **A. This is below the standard of care.**  
12 Q. Why?  
13 **A. The history as related is that she**  
14 **continues to have cervical spasm and other**  
15 **inflammatory complaints. To see Dr. Romain, the**  
16 **rheumatologist. Tests done. Does not give us any**  
17 **information except for cervical spasm. I don't**  
18 **know what the inflammatory complaints were. It's a**  
19 **non-specific term. Can include many, many**  
20 **different types of concerns. We have no other**  
21 **information in terms of the patient's history.**  
22 **That is below the standard of care. To see**  
23 **Dr. Romain, generally, that would be in the plan as**  
24 **opposed to the history unless it had been**

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1 **previously noted. The examination is stable. So**  
2 **we don't know anything at all about her**  
3 **neurological examination. Again, that's below the**  
4 **standard of care. A patient who is having active**  
5 **complaints, we would expect to see at least a**  
6 **focused neurological examination. MRI was reviewed**  
7 **with the patient. It does not state which MRI was**  
8 **reviewed. We don't know if this is the brain or**  
9 **one of the spinal MRI's. This is a note that there**  
10 **were a few white spots. And he mentions no MS**  
11 **diagnosis, I don't know what that next word is. It**  
12 **says diagnosis something -- oh, diagnosis for now.**  
13 **Excuse me. I'm looking at this. I think this is**  
14 **continued on two lines. No MS diagnosis for now.**  
15 **Will watch. That's under objective. That's under**  
16 **information about the exam. The assessment and**  
17 **plan, autoimmune inflammation. I don't know what**  
18 **that means. That's a non-specific term. It**  
19 **doesn't tell us the part of the body it refers to.**  
20 **It doesn't give us a definite diagnosis.**  
21 **Coordinate closely with Dr. Romain, and then a**  
22 **prescription, Plaquenil and Percocet prescription**  
23 **given, that is below the standard of care. There's**  
24 **no dose, no number of pills, no number of refills**

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1 **and we don't know why it's being prescribed. No**  
2 **information about the medications.**  
3 Q. And Plaquenil, is that a medication we  
4 talked about yesterday or the day before? What is  
5 Plaquenil?  
6 **A. It's a medication used for rheumatologic --**  
7 **typically, for rheumatologic disorders.**  
8 Q. And prior to this, there were the MRI's of  
9 the brain and parts of the spine. Did those show  
10 inflammation?  
11 **A. She had MRI of actually the entire spine,**  
12 **cervical through the lumbar, and those did not show**  
13 **evidence of inflammation.**  
14 Q. Do you know what were the diagnosis --  
15 where the diagnosis or the assessment of  
16 inflammation comes from?  
17 **A. I don't.**  
18 Q. If we go to Medical Record 359, Bates 297,  
19 Medical Record 359, Bates 297, is this is an  
20 orthopedic note? I'm sorry. Rheumatological ops  
21 note ordered by the orthopedic department at  
22 Medical Record 359?  
23 **A. This is a note that states reviewed and**  
24 **electronically signed by Paul Romain, MD. A**

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1 **different doctor actually dictated it.**  
2 **DR. PADMANABHAN:** I have one page.  
3 Q. (BY MR. PAIKOS) Doctor, referring you to  
4 the history of present illness, does it give the  
5 patient's history there?  
6 **A. It does. This is a very detailed history**  
7 **of present illness.**  
8 Q. Okay. And what does it include on  
9 page 359?  
10 **A. The doctor notes a long, complex history of**  
11 **a multitude of complaints, including recurrent**  
12 **migraines for which she is under the care of**  
13 **Dr. P., limited blurred vision, low back pain for**  
14 **many years, sacroiliitis on the right with**  
15 **bursitis.**  
16 Q. And Doctor, if I can direct your attention  
17 to another note, to Medical Record 2045?  
18 **A. Perhaps one further comment in terms of**  
19 **neurological symptoms. She described paraesthesias**  
20 **and numbness on her right more than her left lower**  
21 **extremity.**  
22 **DR. PADMANABHAN:** Where?  
23 Q. (BY MR. PAIKOS) Are you at page 359,  
24 Doctor?

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1 **A. Sorry. I'm at page 360.**  
2 Q. Okay. We'll stay with 359 and stop the  
3 review there.  
4 **A. Excuse me.**  
5 Q. If we go to page Medical Record 2045, which  
6 is Bates 438 --  
7 **A. Sorry. Which medical record number again,**  
8 **please?**  
9 Q. Medical Record 2045.  
10 **A. 2045?**  
11 Q. Yes.  
12 **A. All right. I have that report.**  
13 Q. Okay. And what is this? Is it from  
14 May 9th, 2008?  
15 **A. It is. What I see is listed under progress**  
16 **notes. [Patient I] came in for trigger point**  
17 **injections and --**  
18 **THE MAGISTRATE:** Is that the patient?  
19 **MR. PAIKOS:** Yes.  
20 **THE MAGISTRATE:** Okay. I'm going to  
21 block that out in my copy and ask Ms. Wharram to  
22 use Patient I.  
23 **A. Excuse me. Patient came in for trigger**  
24 **point injections, and there's a description of the**

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1 **medication used. There is a diagram showing where**  
2 **the injections were given.**  
3 Q. And what -- what are those medications?  
4 **A. DepoMedrol and Xylocaine.**  
5 Q. And does it say what the injections are  
6 for? What are they treating?  
7 **A. It does not.**  
8 Q. What are those medications typically  
9 prescribed for?  
10 **A. Trigger point injections.**  
11 Q. Okay. What condition?  
12 **A. Patients with fibromyalgia may have trigger**  
13 **point injections in areas of pain or painful muscle**  
14 **contraction. Can be used for non-specific types of**  
15 **muscle pain on occasion.**  
16 **THE MAGISTRATE:** If I could ask a  
17 question, Dr. Levin? We've seen a couple of these  
18 diagrams indicating where the injections are going  
19 in the torso. Is the absence of such a diagram  
20 when a doctor gives injections below the standard  
21 of care?  
22 **A. No.**  
23 **THE MAGISTRATE:** They're kind of  
24 optional?

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1 **A. Yes. If there's no diagram, then the**  
2 **standard of care would be to state where the**  
3 **injections were given.**  
4 **THE MAGISTRATE:** Does this diagram  
5 indicate -- well, does it have to be the back? Is  
6 it clear which side is the right and which side is  
7 left?  
8 **A. It is not. Just looking at this particular**  
9 **note, I would say this is below the standard of**  
10 **care, because I don't understand where the**  
11 **injections were given either. The usual course,**  
12 **the standard of care would be to state how many**  
13 **injections were given, what medication was used,**  
14 **the amount of medication that was given, where the**  
15 **injections specifically were given and how much of**  
16 **the medication was injected at each spot.**  
17 **THE MAGISTRATE:** Can trigger point  
18 injections go on the front or the back of the  
19 torso?  
20 **A. My guess would be the answer is yes. I'm**  
21 **trying to recall if I've ever seen or heard of a**  
22 **trigger point injection -- yes. Excuse me. The**  
23 **answer to your question is yes.**  
24 **THE MAGISTRATE:** It can be front or

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1 back?  
2 **A. Yes.**  
3 **THE MAGISTRATE:** So it's not clear --  
4 there's no right or left on this diagram?  
5 **A. That's correct.**  
6 **THE MAGISTRATE:** Thank you.  
7 Q. (BY MR. PAIKOS) Doctor, getting to Medical  
8 Record 2094 at Bates 475 --  
9 **DR. PADMANABHAN:** Which page, again?  
10 **MR. PAIKOS:** Medical Record 2094,  
11 Bates 475.  
12 Q. (BY MR. PAIKOS) Doctor, what's the date of  
13 this note?  
14 **A. 5/15/2008.**  
15 Q. And is this from Dr. Padmanabhan?  
16 **A. Yes.**  
17 Q. And it's an attending physician's statement  
18 and gives us idiopathic CNS inflammation. If you  
19 could assess whether this diagnosis is -- is within  
20 the standard of care, the diagnosis that  
21 Dr. Padmanabhan makes in this document?  
22 **A. The diagnosis is below the standard of**  
23 **care.**  
24 Q. And why?

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1 **A. Stated diagnoses are idiopathic CNS**  
2 **inflammation with associated systemic inflammation,**  
3 **parentheses, mixed connective tissue disease, end**  
4 **parentheses. I don't know what idiopathic CNS**  
5 **inflammation refers to. That is not a standard**  
6 **diagnosis. The statement that it's associated with**  
7 **systemic inflammation again is quite vague and**  
8 **non-specific. Mixed connective tissue disease is a**  
9 **specific diagnosis, and that by itself would be**  
10 **within the standard of care, but when put in**  
11 **together with the other diagnoses, it's quite**  
12 **confusing. I don't understand what the diagnosis**  
13 **is.**  
14 Q. And under that same, you know, section one,  
15 what's her -- the last line about her prognosis is  
16 she'll need lifelong care and treatment?  
17 **A. Yes.**  
18 Q. And he discusses in section two the  
19 disability from work. Does that -- based on what  
20 we've seen in the record, is that a correct  
21 conclusion as to this patient or something that can  
22 be discerned regarding this patient?  
23 **A. I'm sorry. I don't understand the**  
24 **question.**

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1 Q. Were there clinical indications in the  
2 record that you saw previously that support this  
3 conclusion, that she has spasticity and connective  
4 tissue pain all day long?  
5 **A. I do not recall seeing other information in**  
6 **the medical records or in his notes that would**  
7 **support this information.**  
8 **THE MAGISTRATE:** Mr. Paikos, do we know  
9 the source of this, other than the medical records,  
10 what it was used for?  
11 **MR. PAIKOS:** No, I don't believe we do.  
12 **THE MAGISTRATE:** I mean, it's not  
13 something that another doctor would look at.  
14 **MR. PAIKOS:** I'm not sure, but it  
15 appears to be something related to disability.  
16 **THE MAGISTRATE:** Well, let me ask  
17 Dr. Levin. Is this the kind of thing that if a  
18 doctor found in a medical file that a doctor would  
19 look at this or discount as not being in a typical  
20 format?  
21 **A. I would look at this. I definitely -- I**  
22 **think a doctor typically, if there is a statement**  
23 **of disability, that would be an important part of**  
24 **the medical record that you pay attention to.**

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1 Q. (BY MR. PAIKOS) If we go -- that's a  
2 May 15th form filled out by Dr. Padmanabhan. If we  
3 could go to Medical Record 382, 383 and 384, which  
4 is at Bates 299, 300 and 301; again, that's Medical  
5 Record 382, where it begins, and Bates 299.  
6 **A. Excuse me. That was 382, 383 and 384?**  
7 Q. Yes.  
8 **A. This is a report from the rheumatologist,**  
9 **from Dr. Paul Romain.**  
10 Q. And does it say under history of present  
11 illness why she's there?  
12 **A. Yes.**  
13 Q. And why is she there?  
14 **A. For question of lupus.**  
15 Q. And that's a rheumatological disease?  
16 **A. Yes.**  
17 Q. Now, at page 384, Bates 301, under  
18 impression at page 384, this doctor, Dr. Romain,  
19 gives an impression?  
20 **A. He does.**  
21 Q. And did he make conclusions relative to  
22 what the patient had or didn't have?  
23 **A. Yes.**  
24 Q. What did he state that she did not have?

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1 **A. He found no evidence of articular disease**  
2 **specifically or any systemic autoimmune or**  
3 **inflammatory rheumatologic disorder.**  
4 Q. Does he talk about the medication being  
5 prescribed by Dr. Padmanabhan?  
6 **A. Yes.**  
7 Q. And what is he -- what's the name of that?  
8 **A. Hydroxychloroquine. That's also known as**  
9 **Plaquenil.**  
10 Q. And what is his assessment of whether he  
11 sees a reason for it?  
12 **A. He saw no indication for use of this**  
13 **medication.**  
14 Q. And does he indicate why, or the -- his  
15 lack of findings?  
16 **A. He states that she has no evidence of a**  
17 **rheumatologic disorder and that he saw no**  
18 **indication for the use of this medication.**  
19 Q. Now, if we go to Bates -- excuse me;  
20 Medical Record 2061 at Bates 454, that was a  
21 May 15th note that we just saw. And that's 2061  
22 for the medical record, Bates 454.  
23 **A. I have that record.**  
24 Q. And is this order form for medication by

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1 Dr. Padmanabhan?  
2 **A. There are two notes on this page dated**  
3 **5/20/2008 and seven -- I believe 7/30/2008. The**  
4 **5/20/2008 is an order for Xylocaine, one vial now,**  
5 **and DepoMedrol, one vial. Send stat, please.**  
6 **Below that is an order for Botox, 100 international**  
7 **units, one vial.**  
8 Q. Were these appropriate medications to  
9 prescribe?  
10 **A. I don't know why they were prescribed.**  
11 Q. Okay. And is that within the -- given the  
12 lack of inflammation that we saw on the MRI's --  
13 well, what are these medications typically  
14 prescribed for?  
15 **A. Xylocaine and DepoMedrol --**  
16 **THE MAGISTRATE:** We have this on the  
17 record, right, for all three meds?  
18 **MR. PAIKOS:** Yes, we do, actually.  
19 **THE MAGISTRATE:** Okay. Thank you.  
20 **A. Those are, as previously described, for**  
21 **trigger point injections. Botox can be used for a**  
22 **variety of neurological conditions, chronic**  
23 **migraine, dystonias, particularly cervical**  
24 **dystonia. Can be used for significant problems**

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1 **with spasticity; for example, spasticity related to**  
2 **a stroke or to cerebral palsy. I believe we**  
3 **discussed these in some detail yesterday. There is**  
4 **no indication on these notes nor in any other**  
5 **progress notes that I saw as to why these were**  
6 **being prescribed.**  
7 Q. (BY MR. PAIKOS) Doctor, I'll ask you to go  
8 back to the electronic medical record, 424 for the  
9 medical record number, Bates 302.  
10 **A. I have that record.**  
11 Q. And what is this record, from whom?  
12 Medical record 424 to 425, 302 to 303 for the Bates  
13 numbers.  
14 **A. The signature is Anatoly Shalnov,**  
15 **A-N-A-T-O-L-Y, Shalnov, S-H-A-L-N-O-V, MD. And**  
16 **Dr. Shalnov is in the orthopedic department,**  
17 **although I believe that that is not his specialty.**  
18 Q. Do you remember seeing his name in prior  
19 records?  
20 **A. Yes.**  
21 Q. And do you remember there being potential  
22 referrals or suggested referrals to him?  
23 **A. Yes.**  
24 Q. Do you remember what they were for?

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1 **A. For specialized pain medicine.**  
2 Q. Okay. And on the page Medical Record 424,  
3 Bates 303, does he also discuss the MRI's and the  
4 past medical history, or in the past medical  
5 history?  
6 **A. There is a discussion of the past medical**  
7 **history. I do not see a discussion of past MRI's.**  
8 Q. In the -- on page 425, under past medical  
9 history, the patient underwent, prior to the  
10 section that has medication list?  
11 **A. Thank you. I do see that.**  
12 Q. Okay. And does he comment on those MRI's  
13 and other, I believe, x-rays as well?  
14 **A. The patient underwent extensive**  
15 **radiological evaluation, including MRI of the**  
16 **cervical spine, lumbar spine, brain, multiple**  
17 **x-rays. All of them are not remarkable.**  
18 Q. And what does that mean?  
19 **A. That the studies were essentially normal.**  
20 Q. And under his impression, does he give a  
21 recommendation as to whether there should be  
22 opioids?  
23 **A. Yes.**  
24 Q. And what is that?

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1 **A. Opioid medications are definitely not**  
2 **indicated.**  
3 Q. If we could go to the Medical Record  
4 Number 2058, Bates 451?  
5 **A. 451?**  
6 Q. Yes.  
7 **A. I'm sorry. 058 --**  
8 Q. 2058 --  
9 **A. So my number is 2058.**  
10 Q. 2058.  
11 **A. I have that page.**  
12 Q. And that's a prescription for Solumedrol by  
13 Dr. Padmanabhan?  
14 **A. Yes.**  
15 Q. What is that?  
16 **A. Solumedrol is an intravenous steroid.**  
17 Q. And what is that typically prescribed for?  
18 **A. For inflammatory conditions. It can be**  
19 **used for patients who are having exacerbations,**  
20 **attacks of multiple sclerosis. It can be used for**  
21 **serious inflammatory conditions like sepsis. It**  
22 **can be used with serious inflammation due to lung**  
23 **problems. Solumedrol is also used for treating**  
24 **cancer patients. There's a significant history, so**

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1 **this is a significant -- it's a large dose of**  
2 **steroid intravenously.**  
3 Q. And if you could go to another medical  
4 record number, 2079 at Bates 472? The last  
5 prescription was July 11th, 2008, and I asked you  
6 to look at the 2079 medical record number at  
7 Bates 472.  
8 **A. I have that page.**  
9 Q. And what else did Dr. Padmanabhan prescribe  
10 on those dates?  
11 **A. Prilosec, Toradol, Percocet and Klonopin.**  
12 Q. And Klonopin is what?  
13 **A. Klonopin is a benzodiazapine. It's an**  
14 **antianxiety sedating medication.**  
15 Q. And Percocet is what?  
16 **A. That is a narcotic. It's an opioid.**  
17 Q. Anything you've seen in the record that  
18 explains why the patient is on these particular  
19 medications?  
20 **A. No.**  
21 Q. Now, if you could go to -- that was a  
22 July 11th, 2008, note. If you could go to Medical  
23 Record 562 for the patient, Bates 309, does this  
24 indicate the patient is on some sort of methadone

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1 program?  
2 **A. Yes.**  
3 **DR. PADMANABHAN:** Objection.  
4 **THE MAGISTRATE:** Basis?  
5 **DR. PADMANABHAN:** Attention needs to be  
6 paid to the date of the note. I was not working at  
7 that clinic and the patient was not my patient on  
8 that date.  
9 **THE MAGISTRATE:** Okay, so you can bring  
10 that out in your case.  
11 Q. (BY MR. PAIKOS) If we could go to Medical  
12 Record 2080, Bates 473, Doctor? Again, that's  
13 Medical Record 2080, Bates 473.  
14 **A. I have that record.**  
15 Q. Is this something showing that the patient  
16 was on Solumedrol at this time?  
17 **A. Yes.**  
18 Q. And the longer a patient is on this drug,  
19 the likelihood that there will be a negative side  
20 effects increases?  
21 **A. Yes.**  
22 **DR. PADMANABHAN:** Bates 480, you said?  
23 **MR. PAIKOS:** Medical Record 2080,  
24 Bates 473.

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1 **A. Sorry. Did you want me to comment on this**  
2 **note?**  
3 Q. (BY MR. PAIKOS) Yes. I'm sorry.  
4 **A. All right. This is a note of November 11,**  
5 **2008. It indicates the provider assessment. The**  
6 **signature is from a nurse. Doctor -- the doctor is**  
7 **listed as the provider.**  
8 **DR. PADMANABHAN:** Which page are you?  
9 **A. And provider assessment is please set up**  
10 **for Solumedrol IV for three -- times three days**  
11 **starting on 11/12.**  
12 **THE MAGISTRATE:** Bates 473.  
13 Q. (BY MR. PAIKOS) Doctor, if you could go to  
14 Medical Record 2031, Bates 424? And if you could  
15 review that note and state whether or not it's  
16 within the standard of care?  
17 **A. This note is below the standard of care.**  
18 Q. And why is it?  
19 **A. The history, fall on the ice this morning,**  
20 **felt a sharp pain in right buttock going down the**  
21 **leg. Also has had -- I believe it says CL -- I'm**  
22 **not sure if that means chronic -- migraine now for**  
23 **30 days, photophobic. Examination states negative**  
24 **straight leg raising test, no loss of reflexes.**

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1 **Rest as before. That is an inadequate examination**  
2 **for a neurologist. That is below the standard of**  
3 **care. The patient has fallen. There is concern of**  
4 **an acute injury. We don't know what the back**  
5 **examination showed. We don't know what her**  
6 **sensation was, her strength, her gait. In**  
7 **addition, she has had headache, migraine for**  
8 **30 days, suggesting the need for further neurologic**  
9 **examination to ensure that there is no serious**  
10 **brain problem that's causing that. There is no**  
11 **examination to tell us whether or not there was a**  
12 **problem. The assessment is migraine with aura.**  
13 **The history does not indicate an aura. History**  
14 **notes that she is very photophobic. That is not**  
15 **the same as an aura. The aura are changes that**  
16 **occur with the migraine. Loss of vision, blind**  
17 **spots, flashing lights, jagged lines is the typical**  
18 **aura that people will have. There is no history to**  
19 **suggest that she had an aura. Continue prophylaxis**  
20 **plus Imitrex, with no indication of what the**  
21 **prophylaxis is. I don't know what medication she**  
22 **is getting for the prophylaxis. We don't know the**  
23 **dosage of Imitrex. There are different dosages you**  
24 **can prescribe. We don't know how many pills, how**

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1 often she's getting them, how many refills. We  
2 don't know anything about it. We don't know  
3 anything about other medication she's getting. Is  
4 she getting other medication, is she getting  
5 injections? Again, no indication. There's also no  
6 indication of any plan for follow-up.  
7 Q. If we could go to a note at Medical  
8 Record 2032, Bates 425, April 29th, 2009? And  
9 that's Medical Record Number 2032, Bates 425. And  
10 if you could review it and let me know when you  
11 have reviewed it?  
12 A. I have reviewed this record. It is below  
13 the standard of care.  
14 Q. And why?  
15 A. Portions of this record are difficult to  
16 read. I will do my best to interpret it. There is  
17 a note that the ganglion is still present and  
18 hurts. There is no indication of where the  
19 ganglion is. I did not see a previous note  
20 indicating that there was a ganglion. We know  
21 nothing about that. The -- I believe this reads  
22 the whole body ache is -- I believe the word is  
23 gone, but I'm not sure. Joints, too, I don't know  
24 what that means. Hands and feet burn. Migraines

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1 more frequent as well. This is insufficient  
2 information about the multiple problems that this  
3 patient has. I believe the note that we saw  
4 previously was the one that was prior to this where  
5 she indicated that she's having migraines for  
6 30 days in a row, and then this is an indication  
7 that her migraines are more frequent. That's a  
8 little difficult to understand.  
9 THE MAGISTRATE: So migraines plus  
10 might indicate more frequent?  
11 A. It just says migraines more frequent as  
12 well, and previously, the note was she's had a  
13 migraine for 30 days.  
14 THE MAGISTRATE: Oh, I see.  
15 A. Okay, so we have multiple problems,  
16 problems that are new problems. Some of them are  
17 new. They're described poorly. We have very  
18 little information about the different complaints  
19 that the patient has, and the examination is listed  
20 as being stable, so there is no information. This  
21 is below the standard of care for a neurologist for  
22 reasons that we previously reviewed.  
23 Diagnosis is migraines plus question  
24 mark MCTD. I believe that is mixed connective

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1 tissue disorder. So it's uncertain what the  
2 diagnosis is. The plan includes a Prednisone  
3 trial, Cymbalta for the burning, and labs. There's  
4 no indication that labs were ordered. There is no  
5 indication of the dose of the Cymbalta, no  
6 indication of how many pills were prescribed. The  
7 Prednisone trial is five milligrams a day. We  
8 don't know how long that's going to be given for.  
9 No indication about the number of pills, number of  
10 refills, no information about other treatments that  
11 the patient may be receiving at this time.  
12 Q. If we could go to Bates -- Medical  
13 Record 2010, Bates 478, a March 3rd, 2010, note?  
14 THE MAGISTRATE: 478?  
15 MR. PAIKOS: 478, yes.  
16 A. I do have that report.  
17 Q. (BY MR. PAIKOS) And what day is that  
18 report?  
19 A. It's quite difficult to read. It's very  
20 small.  
21 Q. Okay.  
22 A. I believe it's July --  
23 DR. PADMANABHAN: You said 2010,  
24 Mr. Paikos? Page 478 is 2100.

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1 A. 2100. I have page 2010. You said page  
2 2100?  
3 Q. (BY MR. PAIKOS) I may have. Why don't we  
4 instead go to a date around that time of March 22,  
5 2010.  
6 A. Page number?  
7 Q. Medical Record Number 1428 to 1429 at  
8 Bates 353 to 354.  
9 A. You did say 1028?  
10 Q. 1428.  
11 A. 1428.  
12 Q. And that's at Bates 353?  
13 A. And mine is 1428?  
14 Q. Yes. If you could review that note?  
15 A. I do have that report.  
16 Q. Okay. And how would you assess the  
17 doctor's treatment on that day, March 22, 2010?  
18 A. This note is below the standard of care.  
19 Q. And why?  
20 A. The history indicates that she had her  
21 first IVIG dose last week. This is dated  
22 3/22/2010. She's getting better. Fatigue is there  
23 to an extent. The migraines continue. All else  
24 the same. She has been prescribed a very serious

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1 medication, IVIG, that we can discuss in more  
 2 detail, with little indication as to why she is  
 3 getting it. There is very little information in  
 4 terms of the clinical status. Migraines continue.  
 5 We don't know how often. We don't know how bad  
 6 they are. And then all else the same. If we went  
 7 back to the previous note, that would indicate that  
 8 there was multiple different problems that had been  
 9 described previously that are not being described  
 10 now. This is a very complex patient. The  
 11 statement all else the same is an inadequate  
 12 statement given the complexity of her clinical  
 13 situation. The exam is listed as unchanged. That  
 14 is below the standard of care for a neurologist,  
 15 especially taking care of a patient this complex.  
 16 The assessment is CNS inflammation with some  
 17 improvement subjectively on IVIG. She looks less  
 18 weighed down today as well when she moves. Will  
 19 follow to see how long the effect lasts.  
 20 CNS inflammation is a non-specific  
 21 diagnosis. I don't know what it refers to. This  
 22 is not a standard neurological diagnosis. It  
 23 describes a pathological process that can be seen  
 24 with many, many different diagnoses.

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1 There is no information in terms of  
 2 plan. We don't know if the plan is to give her  
 3 more IVIG, what other medications she is being  
 4 given. I believe she is being given multiple  
 5 medications. There are no details. IVIG is a  
 6 potentially serious medication in terms of side  
 7 effects. It's not one that is given often for  
 8 neurological disorders. When given, it's given for  
 9 very specific indications and under controlled  
 10 circumstances. I don't understand why it's being  
 11 prescribed under these circumstances.  
 12 Q. If we go to Medical Record 1465 --  
 13 THE MAGISTRATE: Mr. Paikos, you know  
 14 we're shortly before 4 o'clock.  
 15 MR. PAIKOS: We are. I probably won't  
 16 take more than three minutes to discuss the next  
 17 note, or any note, so this would be a good point to  
 18 stop.  
 19 THE MAGISTRATE: Okay, so we will  
 20 resume tomorrow at 10 o'clock.  
 21 DR. PADMANABHAN: Your Honor, it would  
 22 be great if you could just give me some timetable,  
 23 because -- to bring my witnesses in, because --  
 24 THE MAGISTRATE: Let's ask Mr. Paikos.

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1 Scheduling witnesses is an inexact science, but  
 2 let's see what his best guess is.  
 3 MR. PAIKOS: I think we would probably  
 4 finish with Dr. Levin tomorrow in the morning, and  
 5 we -- then we would have the cross. I'm not sure  
 6 how long the cross would take, but we would have --  
 7 given the information that's been brought in, we  
 8 would have potentially one or two additional  
 9 witnesses who would take probably a little less  
 10 than -- a little more than half a day between the  
 11 two of them, I think, with direct and cross.  
 12 THE MAGISTRATE: Dr. Padmanabhan, do  
 13 you have a sense of how long your cross-examination  
 14 of Dr. Levin will take?  
 15 DR. PADMANABHAN: I think it will take  
 16 the rest of tomorrow for my cross with Dr. Levin.  
 17 THE MAGISTRATE: Okay, so let's --  
 18 let's assume that's true. Then Mr. Paikos, a half  
 19 day for two other witnesses?  
 20 MR. PAIKOS: At the most. At the most.  
 21 THE MAGISTRATE: At the most on Friday?  
 22 MR. PAIKOS: Yes.  
 23 THE MAGISTRATE: And you expect that to  
 24 be your case?

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1 MR. PAIKOS: I think so, yes. And  
 2 that's checking -- I just would want to confirm  
 3 availability with them as well.  
 4 THE MAGISTRATE: Certainly.  
 5 Dr. Padmanabhan, what do you expect --  
 6 how long do you expect your case to last?  
 7 DR. PADMANABHAN: I need at least three  
 8 days, and so I have a patient who cannot come on  
 9 Friday, but can come on Monday, so we will need to  
 10 extend it to Monday to get this patient. He was  
 11 ready to go yesterday and today, but since, you  
 12 know, this went on much longer than I thought, he  
 13 is not able to come Thursday. Friday.  
 14 THE MAGISTRATE: Okay. Well, if I may  
 15 speak, Monday can't be done. It's a state holiday.  
 16 The building won't be open. I don't have my  
 17 calendar in front of me. Right now, we're  
 18 scheduled to go through Friday. I don't have my  
 19 calendar in front of me in terms of my  
 20 availability, and in terms of -- I would have to  
 21 consult with the Civil Service Commission in terms  
 22 of the availability of this hearing room.  
 23 DR. PADMANABHAN: I will need at least  
 24 three days.



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