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Dr. Healy - Direct (Resumed) by Mr. Wisner

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(Jury in at 3:22 p.m.)

20 THE COURT: All right. Thank you very much, Ladies  
21 and Gentlemen. Please be seated. We will resume.

22 (Witness enters courtroom and resumes the stand.)

23 MR. WISNER: May I inquire, your Honor?

24 THE COURT: You may.

25 DIRECT EXAMINATION (Resumed)

Dr. Healy - Direct (Resumed) by Mr. Wisner

1 BY MR. WISNER:

2 Q Dr. Healy, we were talking about coding maneuvers before  
3 the break.

4 Do you believe it is appropriate to code suicidal  
5 events as emotional lability?

6 A No, I don't.

7 MR. BAYMAN: Objection. He's not a regulatory  
8 witness.

9 THE COURT: Overruled.

10 BY THE WITNESS:

11 A No, I don't believe it to be appropriate and I think it's  
12 misleading, unless, when the wider public like me and the jury,  
13 say, are told, look, you know, this is what's happening.

14 Q How did you learn about this emotional lability issue?

15 A Well, I became aware of it from a few sources: One is from  
16 colleagues who had noticed the problem in the adult data; and  
17 then from a media program in the U.K., which were --

18 MR. BAYMAN: Objection. Hearsay, your Honor.  
19 Media --

20 BY THE WITNESS:

21 A No, I was a participant in the program --

22 THE COURT: All right, then he may answer --

23 BY THE WITNESS:

24 A -- and advisor to the program. And the journalist who had  
25 read the article -- as I said, lay people were quicker to spot

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1 this -- the journalist who read the article said what does this  
2 mean --

3 MR. BAYMAN: Objection. Hearsay, your Honor. He's  
4 now talking about what a journalist did.

5 MR. WISNER: Your Honor --

6 THE COURT: It is hearsay, but he's an expert, and he  
7 may rely on what he's heard.

8 BY THE WITNESS:

9 A As part of her research trying to understand what was  
10 happening, she consulted me. And, you know, I tried to offer a  
11 view and said this is what I would usually think it meant. But  
12 it became clear through her research and closer reading of the  
13 materials she had unearthed that that's not what it meant. It  
14 didn't mean what people would usually think.

15 BY MR. WISNER:

16 Q Do you know, based on the documents and information that  
17 you've reviewed, whether or not people within the FDA were  
18 concerned about coding suicide events as emotional lability?

19 MR. BAYMAN: Objection, your Honor.

20 THE COURT: Sustained.

21 BY MR. WISNER:

22 Q All right, Doctor. What happens practically with the  
23 suicide signal when you start talking about emotional lability  
24 and coding maneuvers?

25 A Well, there's a few different things that can happen with

Dr. Healy - Direct (Resumed) by Mr. Wisner

1 emotional lability, which includes things other than suicidal  
2 events. So, again, the picture gets clouded.

3 It's a bit like akathisia. If you include other  
4 things in to -- well, it's in a sense almost the opposite.  
5 It's drowning out the signal by including other things in.

6 There are other ways to code things as well. I mean,  
7 when you've got emotional lability then, this is a behavioral  
8 change. And you can do things like include in the behavioral  
9 changes which are linked to the brain, for instance, you can  
10 talk about central nervous system effects. And if you do that,  
11 as opposed to teasing these out as mental health effects of a  
12 drug, you can put them under central nervous system effects.  
13 And if you do that, you can include in headaches, of which  
14 there are an awful lot of headaches in clinical trials, both on  
15 placebo and on active treatment. And this is rather like what  
16 we saw with Study 057 and 106. You drown out the signal,  
17 because all of a sudden there might be 6 or 8 or 10 emotional  
18 lability events, but if you add in 30 headache events to active  
19 treatment and placebo, both having a lot, then you drown out  
20 the signal.

21 Q All right, Doctor. That was Number 5 in our list of 13.

22 What's Number 6?

23 A We're going to --

24 Q Exhibit 36.

25 A -- 36.

Dr. Healy - Direct (Resumed) by Mr. Wisner

1 Not reporting events.

2 Q What do you mean by that, Doctor?

3 A Well, there's a few ways that events may not be reported.

4 First of all, when anyone -- this can happen in any  
5 trial, it may not be a company trial, it can happen in any  
6 trial -- where events may happen, such as the person goes on to  
7 a suicidal act, and I've got a whole stack of reports from a  
8 bunch of patients, and there's suicidal acts here, there, and  
9 everywhere, and I'm transcribing them over to a spreadsheet,  
10 and somehow some may just not migrate over. There may be some  
11 dropped out. This, you know -- it's the kind of thing you can  
12 see happen. It does happen in company trials. It has happened  
13 in Paxil trials. And it has happened to suicide events in  
14 Paxil trials.

15 Q So when you say it happened in a Paxil trial, I don't want  
16 to get into the specifics of the trial, Doctor, but how did you  
17 go about figuring out that events just weren't reported?

18 A Well, again, I mean, people don't want to take out of  
19 this weren't report -- they don't want to read weren't -- or  
20 deliberately weren't reported. My take on this is if we're  
21 going to get --

22 MR. BAYMAN: Objection, your Honor. This is outside  
23 the scope of his report and now it's his take on this. He's  
24 talking about intent and motive.

25 BY THE WITNESS:

## Dr. Healy - Direct (Resumed) by Mr. Wisner

1 A No, I'm saying the opposite. I'm saying you don't want to  
2 infer intention.

3 BY MR. WISNER:

4 Q Dr. Healy --

5 THE COURT: You've got a lawyer here. Let him do the  
6 arguing.

7 I think we're getting kind of far afield here with  
8 this -- it's not specific. It's too general.

9 Sustain the objection.

10 Move on to something else.

11 MR. WISNER: Yes, your Honor. Let me -- let me -- let  
12 me focus in so it's very specific.

13 If your Honor doesn't like this question, let me know  
14 and I'll just let it --

15 MR. RAPOPORT: Just ask the question.

16 MR. WISNER: Okay.

17 BY MR. WISNER:

18 Q In Paxil trials that you reviewed, have you looked at the  
19 raw data?

20 A Yes.

21 Q And in looking at the raw data, have you compared whether  
22 or not what's reported in the raw data was reflected in the  
23 report?

24 A Yes.

25 Q And what have you seen on that issue specifically as it



Dr. Healy - Direct (Resumed) by Mr. Wisner

1 relates to suicide?

2 MR. BAYMAN: Objection. This is outside the scope of  
3 his report, your Honor. It's nowhere in there.

4 MR. WISNER: Actually it is, your Honor. I can show  
5 you if you would like.

6 THE COURT: Overruled.

7 BY THE WITNESS:

8 A Not all the events that happen in the trial end up in the  
9 documents. So the documents we have seen earlier, I don't have  
10 confidence that the 42 events versus 6, even if the -- it ought  
11 to be 42 and 1, I don't have confidence that they're  
12 necessarily the correct figures. It could be higher.

13 BY MR. WISNER:

14 Q And when you went and looked at the raw data for that one  
15 Paxil trial that you're referring to, did the incidents of --

16 MR. BAYMAN: Your Honor --

17 BY MR. WISNER:

18 Q -- suicide increase or decrease?

19 MR. BAYMAN: -- may we have a sidebar on this?

20 THE COURT: Okay.

21 (At sidebar outside the hearing of the jury:)

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Dr. Healy - Direct (Resumed) by Mr. Wisner

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MR. WISNER: May I proceed, your Honor?

5

THE COURT: Yes.

6

BY MR. WISNER:

7

Q All right, Doctor. Let's step away from the non-reporting specific thing we're talking about here and just talk generally about -- let's move on to the next item.

8

9

After not reporting events, what do you have, Doctor?

10

11

A You've got focusing on suicidal ideation.

12

Q And what does that mean?

13

A Well, that's specific in this case to this event, and it's -- in the course of going on to commit suicide, people usually start thinking about it and then planning it, and this is what we mean by suicidal ideation. There may be fleeting thoughts or it may be plans.

14

15

16

17

18

Suicidal ideation is very, very common.

19

Suicidal behavior -- actually doing something, cutting your wrists, taking an overdose, jumping off a building -- that's much less common.

20

21

22

Completed suicides is less common again.

23

There's typically ten suicidal behavior events for every one completed suicide.

24

25

There may be hundreds of suicidal ideation events for

Dr. Healy - Direct (Resumed) by Mr. Wisner

1 every one suicidal behavior -- behavior.

2 Q So why does looking at ideation, why does that obscure the  
3 suicide signal?

4 A Well, it drowns it out. It's very like, again, as I said,  
5 including headaches in with other central nervous effects,  
6 which may be quite different to headaches, but if we end up  
7 just reporting the central nervous effects of our drugs, and if  
8 the headache signal in there is awfully big, it can make  
9 everything look equal between active treatment and placebo.

10 It's a little bit the same here.

11 If in the suicide box we include ideation, it can  
12 equal things out, and it can do more than that, because we do  
13 expect in the course of the trial that Paxil, for instance, is  
14 going to be effective and it will lower Hamilton Rating Scale  
15 scores; but as I've indicated to you earlier, it's not the case  
16 that I've necessarily asked you every single question on that  
17 scale. I may have got the general impression you're improved,  
18 and I may be rushed, and I might just fill in a score  
19 afterwards consistent with your overall improvement, as I might  
20 do on libido issues. The drug might have wiped out your sexual  
21 functioning, but overall I probably haven't asked the question,  
22 and I've rated you as being a little bit improved overall. We  
23 know that the Hamilton Rating Scale score for libido improves  
24 in the course of treatment with Paxil. We also know that  
25 100 percent of people who take Paxil have some sexual



Dr. Healy - Direct (Resumed) by Mr. Wisner

1 dysfunction linked to the drug.

2 Q Now, Doctor, are you saying that we should not look at  
3 suicidal ideation?

4 A No. It's important. And this can help us if it's done  
5 well. If we put a suicidal ideation scale in there, I expect a  
6 lot of people to improve. They may have been suicidal to begin  
7 with. Paxil may have been a good treatment for them. But if  
8 in the midst of things we've got some people who are improving,  
9 but some people who are getting worse, then it can all get  
10 mixed up.

11 It's a bit like what we reported as regards sleep.  
12 You may have some people who aren't able to sleep on the drug,  
13 some people sleeping too much. If we average it out, we may  
14 overall say, well, Paxil improves sleep a bit, when there's a  
15 bunch of patients in there who are having a tremendous problem.

16 It's the same with eating. Some people lose weight,  
17 some people gain weight. If you look at the average effect,  
18 you may conclude that Paxil has no effect on weight when, in  
19 fact, it's having a big effect but in opposite directions on a  
20 large number of people.

21 Q Now, Doctor, could a drug conceivably, like Paxil, induce  
22 suicidal behavior but not ideation?

23 A It -- well, this is awfully tricky and, you know, there are  
24 people who commit suicide without having prolonged and  
25 protracted ideation.

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1           It does seem that people in the midst of an akathisic  
2 episode, where they haven't been thinking about the issue much  
3 beforehand, go on quite quickly to kill themselves, but I think  
4 it would be rather unusual to have a person actually try to  
5 harm themselves or kill themselves without having a degree of  
6 ideation. It's built in to the akathisia. It's built in to  
7 the emotional blunting to some extent in that that has an  
8 effect on the ideas you might be having from your illness. It  
9 means you're numb to the thoughts the illness may actually  
10 suggest. But on top of this, you've got a bunch more ideas  
11 coming from akathisia, for instance, or possibly from psychotic  
12 features that have been triggered by the drug.

13 Q   Now, we've seen it broken down: Suicidal ideation, suicide  
14 attempts, and completed suicides.

15           Would it be fair to group completed suicides into a  
16 suicide attempt category?

17 A   I believe that's fair. I mean, you should tease the two  
18 apart and report both, but I think suicidal behavior is  
19 distinct from ideation.

20           Once you throw ideation in, because of the way we  
21 collect it -- you know, we're not as rigorous in trying to  
22 collect it -- then you can cloud the signal.

23           But the other thing that comes up in terms of the  
24 suicide ideation debate is just people saying, well, the score  
25 on the Hamilton Rating Scale, the suicidal ideation score

Dr. Healy - Direct (Resumed) by Mr. Wisner

1 improves, and that gives the impression that if it's improving  
2 overall in the group as a whole, and even more than on placebo,  
3 that there's no problem here, when this isn't the case.

4 Q Doctor, I want to focus for just a quick second, not on  
5 ideation, but simply on suicide attempts and suicides,  
6 completed suicides.

7 Can someone complete a suicide without also making an  
8 attempt?

9 A Well, clearly, no -- well, first of all, there's a debate  
10 over whether it should be called suicide at all. Do they  
11 intend. But, I mean, it's a lethal attempt. Some of the  
12 attempts may be events that people survive by accident.  
13 They've -- you know, they -- they were trying hard to kill  
14 themselves and don't end up dead.

15 Q You actually brought this up yesterday, and I kind of  
16 wanted to follow up with you on this.

17 If you say "suicide" is not the right term, do you got  
18 a better one?

19 A Well, it's awfully tricky to know -- and, again, the jury  
20 may be able to kind of suggest views, too -- it's -- it's --  
21 this is -- this is a treatment-induced problem. And a lot of  
22 people I know when their partners or their children or their  
23 parents kill themselves having been put on a drug are very keen  
24 that suicide is not the right term. I don't know that anyone  
25 has come up with a different term. But a lot of people feel

## Dr. Healy - Direct (Resumed) by Mr. Wisner

1 awfully strongly, this was completely out of character, to say  
2 that this person whom I knew well would have killed themselves  
3 is just wrong.

4 Q Would a drug-induced reaction be an appropriate way to  
5 phrase it?

6 A Except that includes every other reaction, so -- it's a  
7 treatment-induced death.

8 Q Okay. All right. So we -- we were just talking about what  
9 happens when you add ideation in and how you believe it should  
10 be examined.

11 A Unfortunately I think, yeah, if you hear the word  
12 "ideation," you have to be suspicious.

13 Q Okay. What do you mean you have to be suspicious? What do  
14 you mean by that, Doctor?

15 A Well, in the context of the debate, the way it has played  
16 out, ideation has been used to I think conceal the signal, so  
17 you have to be -- well, it's not inappropriate to look at it;  
18 but to emphasize that this is the only thing that counts is a  
19 way to hide the problem.

20 Q Now, if someone were to say there's no statistically  
21 significant risk of increased suicidality, what does that mean?

22 A Well, that will often include ideation. It won't be  
23 looking at just events. It will be including ideation. And as  
24 I said, this is a new term, "suicidality." It appears in the  
25 documents we've seen here for almost the first time. If people

Dr. Healy - Direct (Resumed) by Mr. Wisner

1 look back through the documents, they'll be able to see some of  
2 the first mentions of this term ever, and it includes ideation  
3 and attempts and completed suicides.

4 Q Now, earlier when we were looking at that GSK study, just  
5 the placebo-controlled trial data, and it showed a risk ratio  
6 of 6.7 -- do you remember that?

7 A Yes.

8 Q What was that? Was that -- was that ideation? What was  
9 that?

10 A No, that's events. That's behavioral events. That's  
11 attempts or acts. And the one -- the 6.7 one doesn't include a  
12 completed suicide, but it's suicidal acts.

13 Q So to be clear, that study showed that there was a 6.7  
14 times increased risk that a person not necessarily would be  
15 thinking about it but would actually do something about  
16 suicide.

17 A Yes.

18 Q Okay. All right. Let's go on back to your 13 list here.

19 We just focused on ideation and what that has.

20 The next one you have here is what, Doctor?

21 A This is using significance testing.

22 Q What is significance testing?

23 A Well, it can be totally appropriate to use statistical  
24 significance. And the creator of the whole idea used it in the  
25 context of people knowing what they were doing. And when you

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1 had a statistically significant result, it meant to most people  
2 that you knew what you were doing.

3 You only ran a trial that would give you statistical  
4 significance for plaster casts if you are pretty sure, for  
5 instance, that the plaster cast was going to be helpful for a  
6 broken bone. And you were prepared to accept that 1 in 20  
7 people the bone mightn't heal even though you put the plaster  
8 cast on. But it was a demonstration that you knew what you  
9 were doing. It confirmed people understood what they were  
10 doing.

11 Q So do you think it's appropriate to use statistical  
12 significance in prospectively designed studies?

13 A Yes. But it's appropriate for the -- what's called the  
14 primary outcome. You've heard that before.

15 In our randomized controlled trial, this is used  
16 properly. And it means the focus -- all the rating scales, all  
17 of the things we're looking at -- are designed to look at does  
18 this drug work. And in that context, it can be appropriate to  
19 use it.

20 While you're focused in this way, you might miss  
21 completely that the person is not able to function sexually, so  
22 the result wouldn't be statistically significant, but, in fact,  
23 100 percent of the people going through the trial may not be  
24 able to function.

25 I mean, you may get a more -- you might have, in fact,

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1 had a more reliable result with the sexual functioning than you  
2 had with the mood change.

3 Q Well, Doctor, if -- you know, these clinical trials are not  
4 prospect -- are these clinical trials prospectively designed to  
5 study suicidality?

6 A No. There haven't been any.

7 Q So then would it be appropriate to apply statistical  
8 significance to whether or not they show suicidality?

9 A It wouldn't because you're not focused on that issue and  
10 you're not collecting all the events as thoroughly as you would  
11 want to.

12 Now, the key point about this is, though, as a result  
13 we might have a few people going through the trial who are  
14 deemed as having sexual dysfunction or becoming suicidal; but  
15 because you haven't designed the trial to look at this, the  
16 results may end up not being statistically significant. And  
17 when you apply that to does the drug work, if the finding is  
18 not statistically significant, that usually means that --  
19 people infer this means that the treatment doesn't work.

20 If you apply it to an adverse event, and the suicidal  
21 events are not statistically significant, people -- some people  
22 infer -- not all, most people don't, some do -- that this means  
23 people didn't become suicidal at all. You know, that -- not  
24 only was there not an increase in risk, but actually it's just  
25 not there, the drug is protective potentially or sexual

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1     dysfunctioning. As I say, you can look at the data and it's  
2     not statistically significant, and you can figure this drug has  
3     no effects on sexual functioning, when 100 percent of the  
4     people who get the drug have an issue.

5     Q    So if you think that statistical significance testing isn't  
6     valid --

7     A    I didn't say it's not valid.

8     Q    Strike that.

9     A    Yeah.

10    Q    Let me ask you a better question.

11                 Considering your views on statistical significance,  
12    what does it tell you when a study does have statistical  
13    significance?

14    A    Well, let me be clear. When you said "your views," I want  
15    to emphasize these are the standard views in the field.  
16    They're just not idiosyncratic to me.

17                 MR. BAYMAN:  Objection, your Honor.  He's talking  
18    about now other people's views here.

19                 THE COURT:  Overruled.

20                 Proceed.

21    BY THE WITNESS:

22    A    And -- well, it should be just, as I said, from my point of  
23    view, it should just be applied to the efficacy measures.  And  
24    there are trials when -- where Paxil shows a statistically  
25    significant effect in terms of the benefit.  And I'm not



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1 arguing with that. Okay?

2 But when it's applied to adverse events, I don't think  
3 it should be applied how I see it being applied, unless I see  
4 it being applied to adverse events, and people conclude when  
5 you've got 42 events versus 1 or 2 or 3, that because they're  
6 not statistically significant, 42 equals 1 or 2 or 3, which is  
7 not the case. In the normal universe, you know, the universe  
8 that juries and the rest of us operate in, 5 is greater than 1  
9 or 5 is greater than 0 or 42 is greater than 1.

10 BY MR. WISNER:

11 Q That said, Doctor, let's say we went down the rabbit hole  
12 and we focused on statistical significance. What does it tell  
13 you when even there you have a risk for Paxil -- let me strike  
14 that.

15 The GSK study, the 6.7, was that statistically  
16 significant?

17 A Well, it was reported as being so, yes. And the issue I  
18 guess is a lot of people who do believe in that kind of thing  
19 would say that if the trial was designed to pick this up, we'd  
20 have a terribly strong signal, given that we've such a strong  
21 signal from a trial that's not designed to pick it up.

22 Q Thank you, Doctor.

23 And the FDA study with Paxil, the FDA study for SSRIs  
24 that had the data for Paxil, was that result, that 2.7 result,  
25 was that statistically significant?

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1 A It was. But, again, I'm -- you know I talked about  
2 Catholics and Protestants. Well, I'm on the confidence  
3 interval side.

4 Q I understand. I just wanted to know if it was  
5 statistically significant, Doctor.

6 Okay. Let's move on to the next one.

7 What's your next -- next list of the 13 to hide the  
8 signal?

9 A Excluding withdrawal.

10 Q Okay. And I don't want to get into withdrawal, Doctor, but  
11 please explain to me how excluding withdrawal can obscure a  
12 suicide signal?

13 A Well, the warning on the antidepressants at this date says  
14 that the problems are linked to going on the drug and when the  
15 dose gets changed and when the dose gets reduced are halted.  
16 So that's a tricky period. It's a bit like, you know, the  
17 space shuttle going out into orbit and coming back in. They're  
18 the risky periods. And they can be the risky periods for a lot  
19 of drugs with a lot of problems. They're not the risky period  
20 for all drugs and all problems, but they can be the risky  
21 period for a lot of drugs and a lot of problems, and they're  
22 the risky period for this group of drugs.

23 The FDA data that you've seen only has the going into  
24 orbit data. It doesn't have the coming back to earth data in  
25 it.

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1 Q And excluding the re-entry data, what happens to the data?

2 A Well, the data excludes a number of problems linked to  
3 re-entry, and there are a significant number of problems linked  
4 to re-entry.

5 Q And by excluding the re-entry, is that -- are those  
6 problems linked to the drug itself?

7 A The signal from the drug will be reduced.

8 Q All right. Let's move on to the next one, Number 10.

9 Using -- what do you have there, Doctor?

10 A I've got using age stratification.

11 Q What does stratification mean?

12 A Well, where you stratify the results by age. And, strictly  
13 speaking, if you've got a randomized controlled trial, that  
14 that should take care of age issues completely. And the  
15 outcome that you get from it should be one that applies to  
16 everyone.

17 If you then start stratifying by age and pick up an  
18 effect that's different by age, you potentially are in the  
19 ballpark of saying something has gone badly wrong with these  
20 trials.

21 For instance, in some trials in this area, the  
22 problems have appeared in the United States -- well, actually  
23 appeared in venues outside the United States and not in the  
24 United States. And that suggests something funny has happened  
25 in the trials. Randomization is supposed to take care of this.

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1 Everybody should be equal, regardless of age and sex.

2 Q If you focus in on just the very narrow age bracket, what  
3 can happen to the data?

4 A Well, if you focus in on a very narrow issue -- I mean,  
5 ultimately this can be -- can be reduced to a certain  
6 absurdity.

7 If we had a bunch of suicides happen in 52-year-olds,  
8 suicidal acts in 52-year-olds, and none in 53-year-olds, you  
9 could end up arguing this is only a problem in 52-year-olds and  
10 not in 53-year-olds.

11 So when -- you know, this is -- this is -- just when  
12 you look at the data, you've got to assume that the signal that  
13 you get out of the trial applies across age groups.

14 Q All right. Let's move on to the next one. Number 11.

15 Relying on relatedness assessments.

16 Do you see that, Doctor?

17 A Yes, I do.

18 Q What is that about?

19 A Well, this is one of those areas where, looking at the  
20 adverse effect that has happened, as we've explained, companies  
21 as well as everyone else tries to work out in this case was our  
22 drug linked to the problem? And they, using the criteria we  
23 all use, some doctors can come to the conclusion, yes, it was,  
24 and some company personnel can come to the conclusion, yes, it  
25 was, but they can also come to the conclusion, no, it wasn't,

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1 when retrospectively we figure out lots of other people, you  
2 know, the jury, for instance, might look at it and say, well,  
3 we think there's a good case for saying it is related.

4 When it comes to handling the data overall, companies  
5 generally tend to emphasize when the investigator thinks a  
6 person has got better and that this is related to the drug,  
7 they'll emphasize that. They won't say this is an anecdote.  
8 They won't say you should only depend on what the RCTs show.  
9 But when it comes to an adverse event, they'll often not go by  
10 what the RCT shows, the signal that comes out of the controlled  
11 trial. They'll say, well, the investigators didn't think this  
12 was related. So they treat the good events in a different way  
13 to the adverse events.

14 Q And how does that -- how does it hide the signal, Doctor?

15 A Well, if -- you know, we're not looking at a huge number of  
16 adverse events here, so if the investigators figure some of  
17 them are not linked to treatment, this can compromise the  
18 signal completely.

19 Q And have you seen that happen in Paxil trials?

20 A I have.

21 Q Okay. And actually for all of these, Doctor, have you seen  
22 all of this happen in Paxil trials?

23 A I have.

24 Q Okay. So Number 12. Let's move on to the next one.

25 A Ignoring concomitant drugs. And this is --

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1 Q For those of us who are not doctors, what does  
2 "concomitant" mean?

3 A It means other drugs the person may be on.

4 Q Okay.

5 A Okay? And when the trial starts, we've taken care to  
6 remove people who are on other antidepressants so this doesn't  
7 cloud the picture. We haven't necessarily removed  
8 antihistamines, say, and lots of people are regularly on  
9 antihistamines. And the placebo patients will be on  
10 antihistamines as well as the Paxil patients. And why this is  
11 significant is a number of the antihistamines they may be on  
12 are serotonin reuptake inhibitors. Paxil is an antihistamine  
13 as well as being a serotonin reuptake inhibitor. All of the  
14 SSRIs were antihistamines to begin with. So if you've got a  
15 bunch of patients on placebo who are also on an antihistamine,  
16 well, some of the SSRI adverse events are going to leak in  
17 there, and that's going to cloud the signal coming from --

18 MR. BAYMAN: Your Honor, objection. This is now  
19 outside the scope of his report again.

20 MR. WISNER: Actually I believe this was brought up in  
21 deposition as well. This is a clear part of his opinions and  
22 it's been expressed in numerous reports, your Honor. I don't  
23 think this is anything new to the defendants.

24 MR. BAYMAN: It's not in his report, your Honor.

25 THE COURT: Is it --

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1 MR. WISNER: Sorry, I didn't hear, your Honor.

2 THE COURT: Are there instances that you can point to?

3 MR. WISNER: About concomitant drugs? Yeah,  
4 absolutely. He's discussing them.

5 BY THE WITNESS:

6 A I have an article on this, your Honor, which shows this and  
7 is referred to in the report and certainly I handed to GSK in  
8 that deposition.

9 THE COURT: All right.

10 BY MR. WISNER:

11 Q So, Dr. Healy, about this concomitant issue, I'm sorry,  
12 have you seen this occur that patients in Paxil trials, for  
13 example, in the placebo arm were taking drugs that had a  
14 serotonin effect?

15 A Yes. We've looked at this and shown that this happens.  
16 It's an effect that happens. It's just one of the things  
17 that's going to cloud the picture.

18 Q Well, how does that -- how does that affect the suicide  
19 signal?

20 A Well, it's not clear. I have -- I mean, to be able to  
21 answer that for you, I'd have to have the raw data from all of  
22 the clinical trials here.

23 What we've seen is a few different ways in which the  
24 signal has been handled, and I guess this makes GSK feel a  
25 little nervous, maybe. But the problem really is without

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1 access to the data --

2 MR. BAYMAN: Your Honor, "makes us feel nervous,"  
3 we've produced --

4 THE COURT: That may go out.

5 Proceed.

6 BY THE WITNESS:

7 A Okay. Without access to the data, it's all of us that  
8 should be feeling nervous. It's a bit like going --

9 MR. BAYMAN: I'm going to move to strike that comment,  
10 your Honor.

11 MR. WISNER: I don't know how many people are  
12 objecting over there, your Honor, but we'll strike it, no  
13 problem.

14 THE COURT: That will go out.

15 BY MR. WISNER:

16 Q Doctor, you keep mentioning raw data. What does that  
17 actually mean?

18 A It's the patient record. In the trial -- there's two  
19 things. First of all, there's the actual medical notes. And,  
20 strictly speaking, that's the raw data. When any of the  
21 juries, say, got involved in a trial, I've got a big folder of  
22 rating scales and things of that for an antidepressant trial,  
23 and I fill up the scores and the rating scales, the answers to  
24 each of the questions that I ask, and I fill up the reports  
25 where an adverse event, and this is -- this is -- this is,



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1 well, what's called the clinical record. And it's not the  
2 actual medical record, but that's essentially the raw data, the  
3 closest we're likely to get to it.

4 What happens after that is the figures and all the  
5 different things that have happened in the trial get moved over  
6 into a data sheet, because you have to do that in order to  
7 start computing things and trying to work out what's happening  
8 more commonly in the drug or less commonly or what the  
9 different things are, adding things up.

10 And that's essentially what gets handed over to FDA.  
11 FDA can have access to the clinical records, but it's the  
12 company working from the data sheets prepares a report about  
13 what they think this shows. And it's the report they have,  
14 along with the tables, that FDA work from.

15 They may audit to make sure that the patients actually  
16 all existed, but they don't -- beyond that, they actually don't  
17 look at the raw data.

18 And the problem for all of us is while there's some  
19 access, there's increasing access -- and GSK have played a part  
20 in helping increase access to the data from trials -- but it's  
21 been the spreadsheets. It's not the actual record.

22 And when you get the record, it becomes clear that  
23 actually, you know, for us --

24 MR. BAYMAN: Objection, your Honor. He said a few  
25 minutes ago he could not give an opinion without access to the

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1 raw data. Now he's saying if you had the raw data, here's what  
2 it shows. There's no way he can say what the raw data shows.

3 MR. WISNER: I'm not sure we know what he's going to  
4 say, your Honor, but --

5 THE COURT: Let's proceed. Go ahead.

6 BY THE WITNESS:

7 A Yeah, in my experience -- and I'm one of the few people in  
8 this universe who have had access to the raw data -- then it  
9 becomes clear that you can tell a lot more about the things  
10 that are happening on the drug with access to the raw data. It  
11 doesn't require specialist expertise. I think the jury could  
12 do a great job on what the effects of Paxil are if they had  
13 access to the raw data, for instance. But without access --  
14 and the experts in the field, anyone else who turns up here,  
15 who gets called by either side, won't have had access to the  
16 raw data. And the data arguably is ours. It's not clear that  
17 it's not ours. But without access to that, you can't be fully  
18 sure. We have to work from what we get instead. And my  
19 experience is that the raw data shows there are more issues,  
20 more things to be collected. It's richer than the data sheet.

21 MR. BAYMAN: Same objection, your Honor. Move to  
22 strike.

23 THE COURT: Overruled.

24 BY MR. WISNER:

25 Q You said the data is not ours. Who are you referring to

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1 there, Doctor?

2 A Well, I'm saying the data, strictly speaking, probably is  
3 ours --

4 MR. BAYMAN: Your Honor, it's not in his expert --

5 BY MR. WISNER:

6 Q Who --

7 MR. BAYMAN: -- report. This is really far afield  
8 now.

9 MR. WISNER: I'm trying to have him clarify what he  
10 said, your Honor.

11 BY MR. WISNER:

12 Q What are you -- who are you referring to when you say the  
13 data is actually ours? Who is "ours"?

14 A It's not clear to me that the data belongs to a company in  
15 the case of a clinical trial, for instance.

16 Q Got you.

17 A They hold on to it, but it's not clear that they own it.

18 (Counsel conferring.)

19 BY MR. WISNER:

20 Q How do you -- you said you have looked at some raw data; is  
21 that right?

22 A Yes.

23 Q What raw data have you looked at, specifically as it  
24 relates to Paxil and from the defendant GSK?

25 MR. BAYMAN: Objection, your Honor. This is what we

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1 took up at sidebar, the raw data that he reviewed.

2 THE COURT: Overruled.

3 BY THE WITNESS:

4 A I've had the opportunity to look at the raw data from a GSK  
5 Paxil trial.

6 BY MR. WISNER:

7 Q What did you do specifically with the raw data? What did  
8 you do?

9 A Well, a team of us spent the better part of a year looking  
10 at the raw data, trying to work out what this clinical trial of  
11 Paxil showed, both in terms of the benefits and in terms of the  
12 adverse profile of the drug.

13 And the publication that came out of it --

14 MR. BAYMAN: Objection, your Honor. We're now going  
15 into what your Honor overruled earlier at sidebar, the  
16 publication --

17 MR. WISNER: Actually your Honor did not rule --

18 MR. BAYMAN: What you -- what you sustained --

19 THE COURT: Overruled, sir.

20 Please proceed.

21 BY MR. WISNER:

22 Q Sorry, you were saying about the publication.

23 A The publication that came out of it gave a different  
24 profile. And this is, as far as I understand it, the only  
25 trial in the field where you've got two articles in two

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1 journals -- our article was in the *British Medical Journal*.  
2 You have two articles in two journals saying totally opposite  
3 things about the drug -- I mean two articles about the same  
4 trial --

5 Q How big was the trial, Doctor?

6 A Sorry?

7 Q The trial that you looked at the raw data for, how big was  
8 it --

9 MR. BAYMAN: Same objection, your Honor, as to the  
10 trial. This was the objection you sustained at sidebar.

11 THE COURT: Overruled.

12 BY THE WITNESS:

13 A It was a fairly substantial trial. It was one of the  
14 bigger trials GSK have done of Paxil.

15 BY MR. WISNER:

16 Q And in that trial that you looked --

17 MR. BAYMAN: Your Honor, may I have a continuing  
18 objection to this line?

19 THE COURT: Yes, you may.

20 MR. BAYMAN: Thank you.

21 BY MR. WISNER:

22 Q And in that trial that you looked at the raw data for, did  
23 you look at the issue of suicide?

24 A Yes.

25 Q And did you compare the raw data from what was reported in

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1 the tables?

2 A Yes.

3 Q Specifically about suicide?

4 A Specific -- well, about all of the adverse events.

5 Q Sure.

6 A But, yes, the suicide issue came up. And it became clear  
7 that in our publication there was a different profile compared  
8 with the publication that had been out there prior to ours.

9 Q And when you say a different position, are you referring to  
10 you found a signal and GSK didn't?

11 A There was a three-fold higher rate of suicidal events  
12 compared with the previous publication.

13 Q Do you know that publication, the previous one, do you know  
14 if it was ever retracted?

15 A No, it hasn't ever been retracted.

16 Q And when did you publish the re-analysis?

17 A Approximately two years ago. A little less than two years  
18 ago now.

19 Q All right. Okay. So sorry I went down that area of raw  
20 data.

21 Let's go back to your list here.

22 We finished ignoring the other drugs.

23 What about Number 13, Doctor?

24 A Well, we've -- we've -- we've in essence covered this,  
25 which is that you can drown out the signal from emotional

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1 lability, for instance, if you include it in a group where  
2 headaches are also included. So that's -- I mean, it's -- the  
3 reverse happens with akathisia where it gets split up and put  
4 into a few different groups.

5 So generally the coding issue is a very sensitive  
6 issue, and the grouping issue is very -- these are acts of  
7 authorship.

8 When we think about authorship, you usually think  
9 about the person that writes the words; but actually authorship  
10 starts happening from the time the first table is made and from  
11 the time the coding is done. These are acts of authorship.  
12 And then as you group the data together, it will make it look  
13 one way or the other.

14 Now, to get authorship that we're all comfortable  
15 with, a lot of different people should get access to it. Like  
16 the jury, for instance, they might decide to group it in a  
17 different way, and we might all see different things from the  
18 data, depending on how different people group it.

19 There's a lot of bias that comes into play, like I  
20 might have a bias or other people might have a bias.

21 At the end of the day when everybody can see the data,  
22 others can see which is the best grouping proposed.

23 And, for instance, when we grouped the data from the  
24 GSK trial, I made it clear to everyone -- it's written in the  
25 paper -- that GSK themselves might not agree with everything

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1 we've done, but the properly scientific approach is for us to  
2 put our best guess up there, and if GSK make a case that  
3 certain events should have been coded in a different way, we  
4 would be open to changing those in order to fit in if they can  
5 put forward a reasonable argument.

6 Q Now, you mentioned how akathisia can get put into different  
7 categories.

8 Has GSK ever gone back through all the data and  
9 specifically looked at the issue of akathisia?

10 A I don't believe they have.

11 Q Do you know if GSK has ever gone back to the raw data and  
12 said, okay, this agitation or this restlessness, this really  
13 was akathisia, and done a retrospective analysis of the data?

14 A These things may have been done in-house. They haven't  
15 been published that I'm aware of, and I haven't seen anything.

16 Q Do you think something like that would be helpful?

17 A It would.

18 Q Now, we talked about akathisia yesterday quite a bit. And  
19 we discussed the Juurlink article. Do you remember that?

20 A We did.

21 Q And we also talked a bit about how the Juurlink article was  
22 talking about elderly patients. Do you remember?

23 A Yes.

24 Q Now, that article started from 60 years on up, right?

25 A Sorry?



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1 Q That dealt with 60-year-olds and up?

2 A 65 or so. I don't quite meet the criteria.

3 Q Now --

4 (Laughter.)

5 BY MR. WISNER:

6 Q Now, Doctor, you mentioned that akathisia was pretty bad in  
7 the elderly. How is it in 57-year-olds?

8 A Well, my clinical experience, what hit me when I reported  
9 first on this, the first person that I saw become intensely  
10 akathisic on a drug like Prozac was in his mid-60s, and the  
11 next person was in his early 50s. So when I saw the problem  
12 first, it was in people in this age bracket. And all of my  
13 clinical experience since has told me that people in their 80s  
14 can have a severe akathisic reaction. Some of the most violent  
15 suicides that I've been made aware of have occurred in an older  
16 age group.

17 Q Now, have you taken it upon yourself -- strike that.

18 Have you reviewed all of Stewart Dolin's medical  
19 records and things of that sort?

20 MR. BAYMAN: Objection, your Honor. He's here for  
21 general causation.

22 MR. WISNER: I think he can answer the question then.

23 THE COURT: He can answer that question.

24 MR. BAYMAN: Okay.

25 BY THE WITNESS:

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1 A I've reviewed a substantial amount. I haven't gone into  
2 the depositions because I'm not providing a specific causation  
3 view, but I wouldn't be here offering you the views I'm  
4 offering on what --

5 MR. BAYMAN: Your Honor --

6 THE COURT: Don't interrupt until he answers.

7 MR. BAYMAN: Well, I'm afraid he's going to --

8 THE COURT: I know you are.

9 MR. BAYMAN: -- put something out --

10 THE COURT: Well, we'll handle it, but let him answer.

11 BY THE WITNESS:

12 A Okay. I've been approached before to offer views that an  
13 SSRI, Paxil or other SSRIs, can cause a problem; but if I have  
14 reason to believe, looking at the specific causation, the  
15 clinical record for the person, that the drug didn't in this  
16 case --

17 MR. BAYMAN: Objection, your Honor.

18 BY THE WITNESS:

19 A -- I don't offer the view.

20 BY MR. WISNER:

21 Q You have not offered a view -- an in-depth view to a  
22 reasonable degree of scientific certainty for Stewart Dolin,  
23 have you?

24 A I haven't been asked to. But I have reviewed the material  
25 to the point where, as I say, I'm comfortable there's a prima

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1 facie case, but others --

2 MR. BAYMAN: Objection --

3 BY THE WITNESS:

4 A -- will be arguing this.

5 MR. WISNER: No, he's not, your Honor.

6 COURT REPORTER: I'm sorry, I didn't hear your  
7 objection.

8 MR. BAYMAN: Objection. He's getting ready to offer  
9 an opinion. He said I'm now -- I have a *prima facie* view. And  
10 I want -- I'm objecting before he blurts something out. He  
11 does not have a specific causation opinion in this case.

12 THE COURT: He hasn't -- he hasn't formed an opinion,  
13 so why don't we just drop it.

14 BY MR. WISNER:

15 Q Precisely. I was -- I don't want your opinion, Doctor.

16 A Sure.

17 Q Okay. My point is you haven't -- you haven't rendered a  
18 scientifically rigorous opinion in this case, correct?

19 A I have offered lots of views on people that I have been  
20 approached by where there's been issues of homicide or people  
21 going on to commit suicide, and if -- if -- if I haven't  
22 thought the drug has played a part, I haven't engaged in the  
23 case.

24 Q Got you.

25 So here have you -- are you familiar with

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1 Dr. Glenmullen?

2 A I am. Yes.

3 Q Have you reviewed his report?

4 A I have.

5 Q Okay. I'm not asking for any opinions about whether or not  
6 it's accurate or not; but having reviewed it, do you have any  
7 concerns?

8 A Concerns about his report?

9 Q That's right.

10 A No, I don't.

11 MR. BAYMAN: Your Honor, now he's asking to vouch for  
12 another expert.

13 THE COURT: Yes, that's true.

14 MR. WISNER: Well --

15 THE COURT: He can't vouch for him, sir.

16 MR. WISNER: Fair enough.

17 MR. BAYMAN: Move to strike.

18 MR. WISNER: Fair enough.

19 THE COURT: Yeah, that may go out.

20 MR. BAYMAN: Ask the jury to --

21 THE COURT: Disregard his testimony.

22 BY MR. WISNER:

23 Q You also mentioned yesterday -- I'm just going to clean up  
24 some stuff before we finish off your testimony today -- you  
25 mentioned yesterday that there are alternatives to patients

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1 besides SSRIs.

2 A Yes.

3 Q What are some of those alternatives? Medical alternatives.

4 A Well, one of the useful ones, if the person isn't terribly  
5 severely ill, simply supporting the person. You know, if they  
6 come along to me, I'll outline the nature of the fact that the  
7 conditions often are ones that clear up of their own accord.  
8 And if they clear up of their own accord, people are often more  
9 resilient afterwards if they feel, you know, they didn't need  
10 the pill or they didn't need talking therapy.

11 One of the things that support -- I mean, support  
12 includes things like being available on the end of the phone if  
13 there's an issue; it may include weekly visits; it may include  
14 things like problem-solving. If there's issues at work, we  
15 might talk through them. If there's issues at home, we might  
16 talk through those. If there's issues with the children, we  
17 might talk through those. But it's not necessarily, you know,  
18 that I'm an expert on all these things. It's just another  
19 human being who has seen a lot of difficulties patients go  
20 through so I can offer a little context and things like that.  
21 But, you know, it's so this person feels supported and that  
22 they'll know that I'm a person who will use drugs to help treat  
23 them, so if things don't clear up, that we always can turn to a  
24 drug.

25 Q Is there -- is there another --

Dr. Healy - Direct (Resumed) by Mr. Wisner

1 A Now, it may be the case -- there's a bunch of patients as  
2 well for whom what are called -- in the U.K., at least, and  
3 maybe the same here -- talking therapies. There's a -- a lot  
4 of people have a prejudice that talking therapies are better  
5 than drug therapies. They like the idea. It sounds better. I  
6 don't have that prejudice. I don't think talking therapies are  
7 better than drug therapies. Actually, I think the best thing  
8 is if you don't get involved in the health system, if I just  
9 support you so you don't get either.

10 But if it looks like you're the kind of person who has  
11 got the kind of condition that talking therapy will help, or we  
12 can refer you to a person who will do specialized talking  
13 therapy, as opposed to the general support that I may be  
14 offering. If it looks like a drug may be helpful, then I'm the  
15 kind of person who will be specialized in this area. And --  
16 does that help? Does that answer?

17 Q Absolutely.

18 My other question, though, is there other drugs that  
19 you can give besides SSRIs?

20 A Oh, of course there are. The ones we've referred to  
21 earlier, there's the tricyclic antidepressants, which generally  
22 speaking are regarded as more potent, more effective if you're  
23 severely depressed, and they tend to have a gentler action on  
24 the serotonin system. They're not designed to produce a mega  
25 horsepower effect on the serotonin system.

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1           There are other drugs then that have an opposite  
2 effect on the serotonin system that we've known for 50-odd  
3 years that people who respond poorly to an SSRI might respond  
4 well to an MAOI.

5           And the Teicher report we referred to earlier said  
6 that, look, some of these people who became intensely suicidal  
7 on Prozac did well when switched over to an MAOI.

8           And often we know that these things run in families.

9           So, again, before I put you on a drug, I might be  
10 checking things like that out. Does anyone you know related to  
11 you, have they had a poor response to an SSRI. That might slow  
12 me down. Equally the other way around. If someone closely  
13 related to you has a good response, that might lean me towards  
14 using an SSRI.

15           THE COURT: Not so fast.

16 BY MR. WISNER:

17 Q Slow down, sir.

18 A Aside -- aside from all that, there's a bunch of other  
19 drugs that get referred to as "other," because they don't fall  
20 into one clean group. "Other" isn't a group. I mean, there's  
21 the SNRIs, but "other" isn't a clean group. It's a bunch of  
22 drugs that have unusual actions. They don't fit in to one or  
23 other of the counts.

24 Q If you're treating a patient and they had a history of  
25 being okay on an SSRI, but then they suddenly start having

Dr. Healy - Direct (Resumed) by Mr. Wisner

1 problems with them, would you consider an alternative to an  
2 SSRI?

3 A Yeah, well, there can be a big difficulty here in that some  
4 people can be treated very successfully with an SSRI or other  
5 drugs, but more obviously with an SSRI, and seem to be doing  
6 fine for a long time, and then something happens that the drug  
7 isn't working as well as before, things get unstable. It can  
8 be very tricky trying to get the person off the SSRI. You  
9 know, it's not necessarily clear that this is a person who is  
10 going to respond well to other drugs. It can become -- this is  
11 one of the most complex clinical problems people can have.

12 Q Now, we also talked about how akathisia, emotional  
13 blunting, and decompensation can have an effect on human --  
14 human behavior.

15 I want to be clear. Do you need to have all three of  
16 those before someone will engage in a suicidal act?

17 A No. You may have none of them. There's another -- I mean,  
18 there's a few other ways we haven't gone into in which SSRIs  
19 can trigger people to become suicidal.

20 They're one of the commonest drugs, Paxil --

21 MR. BAYMAN: Your Honor, this is not in his expert  
22 report, and this is far afield of this case.

23 MR. WISNER: Yeah --

24 THE COURT: I think this is interesting, but not on  
25 point.



Dr. Healy - Direct (Resumed) by Mr. Wisner

1 BY MR. WISNER:

2 Q Yeah, let's go back to my question, Doctor.

3 My question is do you need to have all three to become  
4 suicidal?

5 A No, you don't. I've picked out the three commonest forms  
6 here, but there are -- I mean, you don't have to have all three  
7 together --

8 MR. BAYMAN: I think he's answered, and now he's going  
9 on.

10 BY THE WITNESS:

11 A You don't have to have --

12 THE COURT: Okay. Doctor, you've answered it.

13 BY THE WITNESS:

14 A -- two of them together. You can have just one.

15 BY MR. WISNER:

16 Q That was my next question.

17 Could you just have one of those and that itself  
18 induce a suicidal state?

19 A You could.

20 Q Could you have two of them and that induces a suicidal  
21 state?

22 A Yes.

23 Q And you can have three of them that induces --

24 A Yes.

25 Q Okay. All right. I also want to clear up, I -- we got

Dr. Healy - Direct (Resumed) by Mr. Wisner

1 into a conversation yesterday about Juurlink. Do you remember  
2 that?

3 A I do.

4 Q And I asked you some really confusing questions about  
5 whether or not the cohort in one group was the same as the  
6 cohort in the other.

7 Here's my question:

8 Are the people that were studied in the Juurlink  
9 article that showed that five times increase, were they both  
10 equally depressed?

11 A Yes. What you've got is two groups of people who are on  
12 antidepressants: There's the SSRI antidepressant group and the  
13 non-SSRI antidepressant group. These were controlled so that  
14 both groups were the same. There was the same severity of the  
15 illness in both groups. The same male/female ratios. And  
16 that's important because completed suicides is more linked to  
17 men. There's -- there were the same ages, broadly speaking.  
18 And there were the same issues about the same rates of  
19 alcoholism in both, for instance. So the groups are as closely  
20 matched as Dr. Juurlink and his colleagues could make them.

21 And given these closely matched groups, they then find  
22 the ones given the SSRI during the first month of treatment  
23 were the ones who seemed to have a much higher likelihood of  
24 going on to actually kill themselves.

25 Q And that involved 1.2 million patients and over 1,000

Dr. Healy - Direct (Resumed) by Mr. Wisner

1 suicides. Is that right?

2 A That's correct.

3 MR. BAYMAN: Your Honor, we went all over this  
4 yesterday. We're going back --

5 MR. WISNER: I was just cleaning up some stuff, your  
6 Honor. I'm coming to the end of my -- on my direct.

7 BY MR. WISNER:

8 Q Now, Doctor, we spent the last two days going over a lot of  
9 stuff, a lot of data, a lot of articles.

10 Do you, as a psychiatrist and psychopharmacologist,  
11 have any doubt that Paxil can induce suicidal behavior in  
12 adults?

13 A No.

14 Q In your research, do you believe GSK has told that fact to  
15 doctors?

16 A No.

17 Q Have you ever seen an article published by GSK to doctors  
18 stating that fact?

19 A No.

20 Q Sitting here today, having investigated this for over 20  
21 years, do you know how many people have committed suicide  
22 because of that failure?

23 MR. BAYMAN: Your Honor, objection. This is subject  
24 to the motion *in limine*. And it's not in his report either.

25 MR. WISNER: I'm asking if he knows.

Dr. Healy - Direct (Resumed) by Mr. Wisner

1 MR. BAYMAN: It's speculative.

2 MR. WISNER: I think his answer will clear up the  
3 objection, your Honor.

4 THE COURT: All right. You may answer.

5 BY THE WITNESS:

6 A I don't know specifically to Paxil. With colleagues, we've  
7 looked at the issue for all SSRIs --

8 MR. BAYMAN: Your Honor, he said he didn't know  
9 specifically with Paxil, and that's what we're about in this  
10 case.

11 BY THE WITNESS:

12 A Yes, that's true.

13 MR. WISNER: So let's -- let me just wrap it up, I  
14 think, your Honor.

15 BY MR. WISNER:

16 Q So to be clear, Doctor, you do not know to this day, after  
17 25 years of GSK not telling doctors about this risk, how many  
18 people have died because of it, right?

19 MR. BAYMAN: Objection. Leading and argument --

20 THE COURT: That's argument, yeah. Sustained.

21 MR. WISNER: All right. We pass the witness, your  
22 Honor.

23 THE COURT: All right.

24 MR. BAYMAN: Thank you.

25 THE COURT: Do you want to start? You have about five

Dr. Healy - Direct (Resumed) by Mr. Wisner

1 minutes -- I think we better wait --

2 MR. BAYMAN: I'll wait, sure.

3 THE COURT: All right. Ladies and Gentlemen, before  
4 you leave, I want to remind you again that it's very important  
5 that you not conduct any private research on this case while  
6 you're out of the courthouse and also that you not discuss it  
7 with anyone.

8 Remember, in fairness to yourselves and in fairness to  
9 the parties, I ask you to follow these rules, and I assure you  
10 it will be much easier to deliberate when that day comes.

11 So thank you very much for your attention. Don't  
12 forget us now. We are looking forward to seeing you again on  
13 Monday.

14 Thank you.

15 MR. RAPOPORT: Have a nice weekend, folks.

16 (Jury out at 4:20 p.m.)

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(Proceedings adjourned at 4:23 p.m., to resume on 3/20/17  
at 9:30 a.m.)

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## C E R T I F I C A T E

We, JUDITH A. WALSH and GAYLE A. McGUIGAN, certify that the foregoing is a correct transcript of the record of proceedings in the above-entitled matter.

/s/ JUDITH A. WALSH  
JUDITH A. WALSH, CSR, RDR, F/CRR  
Official Court Reporter

March 16, 2017

/s/ GAYLE A. McGUIGAN  
GAYLE A. MCGUIGAN, CSR, RMR, CRR  
Official Court Reporter

March 16, 2017