

# EXHIBIT 14

IN THE UNITED STATES DISTRICT COURT  
MIDDLE DISTRICT OF FLORIDA  
ORLANDO DIVISION

IN RE:

SEROQUEL PRODUCTS LIABILITY LITIGATION

CASE NO. 6:06-MD-01769-ACC-DAB

MDL DOCKET NO. 1769

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May 28, 2008  
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Confidential Videotaped  
Oral Deposition of MARTIN BRECHER, M.D.,  
D.M.Sc., MBA, held in the offices of  
Golkow Technologies, Inc., One Liberty  
Place, 51st Floor, Philadelphia,  
Pennsylvania beginning at approximately  
9:00 a.m., before Ann V. Kaufmann, a  
Registered Professional Reporter,  
Certified Realtime Reporter, Approved  
Reporter of the U.S. District Court, and  
a Notary Public.

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GOLKOW TECHNOLOGIES, INC.  
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877.370.3377

Page 70

1 Q. Okay. Now, you mentioned  
2 that these -- that when you went and  
3 reanalyzed the data, one of the buckets  
4 you looked at was elevations in blood  
5 glucose; correct?  
6 A. Yes.  
7 Q. Was this fasting blood  
8 glucose or nonfasting?  
9 A. We attempted -- we were  
10 able in that trial to collect records  
11 that indicated the time of the blood  
12 draw and whether or not the patient --  
13 and the time since the last meal, so we  
14 had a good estimate of whether the  
15 patient was fasted. It wasn't perfect  
16 in that we came to recognize that the  
17 patients could have had a sweetened  
18 beverage or even a snack that might have  
19 influenced their blood glucose  
20 determinations. But we did -- were able  
21 and accepted that patients who had said  
22 that they were -- had eight hours since  
23 the last meal, we considered them  
24 fasted.

Page 71

1 Q. Okay. So in this  
2 particular -- these particular trials,  
3 126 and 127, you treated the fasting  
4 blood glucose values as fasting blood  
5 glucose values; right?  
6 A. If we had documentation  
7 that there was eight hours since the  
8 last meal.  
9 Q. Oh. So if you didn't have  
10 documentation, did you treat it as  
11 nonfasting?  
12 A. That's right. If we had  
13 documentation of fasting, then we  
14 considered it fasting.  
15 Q. And if you had no  
16 documentation of fasting, you considered  
17 it nonfasting; is that right?  
18 A. That's right.  
19 Q. Now, in the original  
20 protocol for 126 and 127 or any  
21 amendments to the protocols, did that --  
22 was that how the blood glucose was to be  
23 analyzed?  
24 A. I don't -- I remember that

Page 72

1 we did change the protocol at some  
2 point. I don't recall the specifics.  
3 Q. Well, when you originally  
4 design a study, do you typically have a  
5 protocol that provides how glucose will  
6 be collected and how it will be analyzed  
7 at the end of the study?  
8 A. The chemical analysis is  
9 standard. At some point we realized  
10 that we could improve on our  
11 documentation with regard to the blood  
12 draws with -- for blood glucose.  
13 In the past we had written  
14 the protocol for fasting glucose, and  
15 that didn't work. And at some point --  
16 I don't remember when -- we added a case  
17 record form documenting the time since  
18 the last meal, and that gave us a better  
19 handle on whether or not the glucose was  
20 drawn in a fasted state.  
21 Q. Okay. When was it that the  
22 company first started specifying fasting  
23 blood glucose being drawn in its studies  
24 on Seroquel?

Page 73

1 A. I think that was for --  
2 study 41 was the first time we  
3 instituted that requirement.  
4 Q. Okay. And that study was  
5 complete in 2002; is that correct?  
6 A. I think so.  
7 Q. So that would have started  
8 in 2001?  
9 A. Probably in 2000. I think  
10 that protocol was at least begun to be  
11 written in 2000.  
12 Q. And that protocol was begun  
13 after the FDA had asked the company to  
14 compile information about the potential  
15 effect of Seroquel on glucose  
16 regulation; right?  
17 A. I don't know whether we  
18 started writing that protocol before or  
19 after we got a request from the FDA.  
20 Q. In any event, that was the  
21 first study that you can recall where  
22 the company actually specified in either  
23 the original protocol or as amended the  
24 fasting blood glucose should be drawn;

Page 330	Page 332
<p>1 Q. Okay. So he wasn't happy, 2 was he? 3 MR. McCONNELL: Objection to 4 form. 5 A. Well, I think his e-mail 6 speaks for itself. I think he was -- 7 expressed concern, I would say. As he 8 said he questioned the rationale for 9 distributing it to the marketing people 10 for, quote, informal review. 11 Q. And your response is to say 12 I don't see a problem with marketing 13 knowing where we're going; correct? 14 A. Yes. 15 Q. Were you trying to lobby 16 the marketing people to support you in 17 the decision to keep "limited" in the 18 core data sheet? 19 A. I don't think that's where 20 that e-mail is going at all. I think 21 all I'm saying there is I didn't see a 22 problem with marketing knowing what our 23 position was. And that's what I said 24 before, before you showed me this</p>	<p>1 Witch soliciting comments of the 2 marketing folks and others; correct? 3 A. Yes. 4 Q. Okay. Did you say "Whoa, 5 Emma, don't go submitting this for 6 comment to the marketing people"? 7 A. I did not. 8 Q. Did you tell her in any way 9 that she should hold off sending this to 10 marketing for comment because it was 11 inappropriate? 12 A. I did not. 13 Q. Now, the discussion -- the 14 SERM meeting that occurred in June of 15 2000, did you attend that in person? 16 A. The June 2000 SERM, yes. 17 Q. Where did it occur? 18 A. It must have occurred in 19 Wilmington. 20 Q. Okay. But you specifically 21 have a memory of being there for the 22 meeting? 23 A. Not a strong one. You 24 know, it's clear from the earlier</p>
Page 331	Page 333
<p>1 document, I said I didn't see a problem 2 with the marketing people seeing the 3 discussion documents prior to the 4 meeting. 5 Q. Well, do you see a problem 6 with soliciting their comments to the 7 discussion document? 8 A. I think that this -- it 9 would be inappropriate if a drug safety 10 person would ask for marketing comments, 11 and I don't think that ever happened. 12 This -- 13 Q. Well, you were -- I'm 14 sorry. Go ahead. 15 A. This discussion document, 16 as I said, immediately after you showed 17 it to me, is unusual in that it's being 18 produced by a member of the Seroquel 19 team. And I have offered a possible 20 explanation why. And clearly the writer 21 wanted to get marketing's view on the 22 content. 23 Q. Well, did you -- you were 24 on the e-mail that was sent by Emma</p>	<p>1 document that you showed me that I was 2 there. And I don't have a vivid 3 recollection of the meeting, but I do 4 have a recollection of being there. 5 (Below-described document 6 marked Brecher Exhibit 18.) 7 BY MR. BLIZZARD: 8 Q. I have handed you 9 Exhibit No. 18, and it has a number of 10 handwritten notes on it. Are those -- 11 is that your handwriting? 12 A. Yes. 13 (Below-described document 14 marked Brecher Exhibit 19.) 15 BY MR. BLIZZARD: 16 Q. Before I get to what that 17 says, let me mark as Exhibit 19 to your 18 deposition -- are these draft minutes of 19 a meeting in July of 2000? 20 A. This is -- are you talking 21 about 19? 22 Q. Yes. 23 A. They are draft minutes. 24 Q. Okay. Is that a -- are the</p>

<p style="text-align: right;">Page 342</p> <p>1 from the text, is that the criteria used 2 in the assessment was either a fasting 3 blood sugar greater than 126 or a 4 two-hour glucose value following 75 5 grams of glucose -- in other words, a 6 glucose tolerance test -- with a value 7 greater than 200. 8 Q. Okay. If you go turn the 9 page to the next note that we have. It 10 looks like it's over on Page 6. 11 Okay. What does that say? 12 A. On the top? 13 Q. Yes. 14 A. "No attribution." And then 15 to the right of that it says "16, 16 SPONT," probably referring to -- 17 standing for spontaneous; "10 18 clinical" -- "10 CLIN trials," referring 19 to ten clinical trials; and "2 lit 20 reports." So what this is referring to 21 is 16 spontaneous reported adverse 22 events, ten clinical trial reports, and 23 two reports in the literature, and they 24 are pointing to no attribution.</p>	<p style="text-align: right;">Page 344</p> <p>1 A. Yes. 2 Q. And you starred that? 3 A. Yes. 4 Q. And do you know why you 5 starred it? 6 A. No. 7 Q. I assume that you starred 8 things that were important to you; is 9 that correct? 10 A. Presumably. I certainly 11 don't -- I'd have to pore over this 12 document to see what were the common 13 features of the starred cases. I don't 14 recall that now. 15 Q. Okay. Look over at the 16 next page. Do you see that there's a 17 starred event on this page as well? 18 A. Yes. 19 Q. And the next page, "Loss of 20 Diabetic Control, Tooth Pain, Insomnia"? 21 A. Yes. 22 Q. Do you see that that event 23 is starred? 24 A. Yes.</p>
<p style="text-align: right;">Page 343</p> <p>1 Q. Okay. Under "CLINTRACE 2 Database (In House Safety Data)," 3 there's a note that says "9 cases"? 4 A. "9 cases new onset, 4 DKA, 5 2 new onset, 2 worsening." And then 6 below that is "NKHOC-0." And NKHOC 7 would stand for nonketotic hyperosmolar 8 coma. 9 Q. And then you've got a star 10 next to this particular description of 11 this event of a 43-year-old male with a 12 history of mental illness who developed 13 new onset diabetes. Do you see that? 14 A. Yes. 15 Q. Do you know why it was 16 starred? 17 A. No. And I'm just curious 18 whether I starred other cases. 19 Q. I think you did. Look over 20 at the next page. Do you see that? 21 A. Yes. 22 Q. And this particular case is 23 a diabetes case with weight gain; 24 correct?</p>	<p style="text-align: right;">Page 345</p> <p>1 Q. If you look over at Page 2 11 -- 3 A. Yes. 4 Q. -- do you see a star there? 5 A. Yes. 6 Q. Do you know anything about 7 why that star is there? 8 A. I don't recall the 9 principle leading to the starring of 10 cases. 11 Q. Okay. If you look over on 12 Page 15, there's a star next to another 13 case of hyperglycemia? 14 A. Yes. 15 Q. Okay. On Page 16 -- 16 A. Yes. 17 Q. -- could you read that 18 handwriting for us? 19 A. It says "Median?" Below 20 that "time to onset." There's text that 21 reads "The former patient reportedly 22 lost 30 pounds," and then there's a line 23 from that going to a handwritten note 24 saying "Type 1 - pattern."</p>

Page 346	Page 348
<p>1 Below that it says "2 cases 2 of DKA - weight gain associated." And 3 then below that there's a -- it says 4 "criteria greater than 110" -- it looks 5 like greater than 110 pounds, but I'm 6 not sure what that means. 7 Q. This relates to reports of 8 hyperglycemia. 9 A. Oh, I'm sorry. I can -- 10 this one on Page 16 on the bottom that 11 the arrow says "criteria greater than 12 110 fbs," it's for fasting blood sugar. 13 Q. Okay. And the last page, 14 Page 17, what does the note at the top 15 say? 16 A. "Note, Wayne impressed by 2 17 physicians noting diabetes onset with 18 dose increase." 19 Q. Okay. So does that note 20 reflect that Dr. Geller was impressed 21 with the dose-response? 22 A. I don't think that 23 represents a dose-response so much as 24 exactly what it says, that two</p>	<p>1 No positive re,de challenge. No 2 baseline CHO," referring to no baseline 3 glucose. "Low number of cases for a 4 common condition." 5 That's actually an important 6 point because diabetes is very common. 7 And my comment here, I think, reflects 8 the view that this is a small number of 9 cases for an illness as common as 10 diabetes, given the exposure that we had 11 by 2000. 12 "No mechanism of effect." 13 On the right it says "For 14 my part only 4 cases of DKA speaks to 15 absence of diabetogenic effect." 16 Below that: "Other 17 patients: 1., will get long term data 18 from olanz trial. 2., will" -- 19 Q. What's "olanz trial"? 20 A. That would refer to 21 olanzapine, but I'm not -- I don't know 22 what olanzapine trial I was referring 23 to, unless -- probably given that it was 24 2000, it could either have referred to</p>
Page 347	Page 349
<p>1 physicians noted diabetes onset 2 following a dose increase. I don't 3 think that indicates a dose-response. 4 Q. It indicates that the 5 diabetes onset occurred after the dose 6 was increased; right? 7 A. That's right. It is 8 different from a dose-response. 9 Q. Okay. The next item in the 10 middle of the page says what? 11 A. "Usually no baseline blood 12 glucose. 7 taking drugs associated with 13 diabetes. Some reports - scant 14 information" -- "scant inf" meaning 15 scant information -- "no positive de," 16 which means no positive dechallenge or 17 rechallenge. 18 Q. What's the next note say? 19 A. "Seroquel may cause 20 impaired glucose regulation in some 21 individuals. No signal of Type 1 ie no 22 negative impact on insulin production." 23 Q. Okay. 24 A. Well, that -- "Discussion:</p>	<p>1 the long-term trials that Lilly 2 conducted or to the long-term trial that 3 Janssen conducted. 4 And then below that, 5 "will" -- 6 Q. "Know more?" 7 A. "Will" -- 8 Q. -- "know more after 9 response to FDA concludes." 10 A. I think so. 11 Q. I may have stared at it 12 longer than you, so whatever you need to 13 do to confirm it. 14 A. Yeah, I think that's right. 15 Q. Okay. So in looking at 16 this, you made the -- when you started 17 talking about this discussion down here 18 below the line, you may have said, well, 19 here are a couple of important points. 20 And then there's these 21 comments above the line that you read 22 without making a comment about it. 23 Is it your memory, from 24 looking at this now, that the points</p>

Page 947

1 are ongoing.  
2 Q. Does anyone or any  
3 department at AstraZeneca monitor adverse  
4 events?  
5 A. Primarily drug safety and  
6 also the clinical group.  
7 Q. Does AstraZeneca submit  
8 periodic safety updates to the FDA?  
9 A. Yes.  
10 Q. In your experience, did  
11 AstraZeneca closely monitor the safety of  
12 Seroquel?  
13 A. Yes.  
14 Q. Now, you've discussed the  
15 SERM process generally. Are there  
16 documents that are associated with the  
17 SERM process?  
18 A. Yes. Prior to a SERM  
19 meeting there's a discussion document.  
20 Following the SERM meeting there is  
21 either a position paper or justification  
22 document that's prepared.  
23 Q. What's the purpose of a  
24 discussion document for SERM?

Page 948

1 A. A discussion document is  
2 written so as to inform the discussions  
3 at SERM of all the relevant facts.  
4 Q. What's the purpose of a SERM  
5 position paper?  
6 A. A SERM position paper is  
7 that -- is a paper that is written after  
8 a SERM meeting when the core data sheet  
9 is not changed on a particular issue.  
10 And it reflects the reasoning as to why  
11 the core data sheet is not changed on  
12 that point.  
13 Q. Now, we talked about the FDA  
14 request in May of 2000 regarding glucose  
15 data. Did you participate in a SERM in  
16 2000 regarding glucose issues?  
17 A. Yes.  
18 Q. Was there, in fact, a  
19 discussion at AstraZeneca at the SERM  
20 regarding glucose data?  
21 A. Yes.  
22 Q. What did that SERM conclude  
23 regarding whether there was reasonable  
24 evidence of an association between

Page 949

1 Seroquel and hyperglycemia or diabetes?  
2 A. SERM decided to keep those  
3 issues under review, but not to change  
4 the core data sheet.  
5 Q. What did SERM conclude as to  
6 whether there was a causal link between  
7 Seroquel and hyperglycemia or diabetes?  
8 A. SERM did not conclude that  
9 there was a causal link between Seroquel  
10 and hyperglycemia or diabetes.  
11 Q. What did SERM conclude in  
12 2000 as to whether the data demonstrated  
13 reasonable evidence of an association  
14 between Seroquel and hyperglycemia or  
15 diabetes?  
16 A. SERM concluded that the data  
17 did not show a reasonable evidence of an  
18 association.  
19 Q. I want you to take a look at  
20 a document that the plaintiffs' lawyers  
21 put in front of you. It's Exhibit 18.  
22 Could we get a look at that?  
23 Doctor, first of all, do you  
24 remember taking a look at Exhibit 18, I

Page 950

1 don't know if it was yesterday or the  
2 day -- I think it was the day before  
3 yesterday?  
4 A. Yes, I remember.  
5 Q. Could you turn to the last  
6 page, please?  
7 A. Yes.  
8 Q. Do you see handwritten notes  
9 on that page?  
10 A. Yes.  
11 Q. And that's your handwriting.  
12 Is that right?  
13 A. Yes.  
14 Q. I want to direct your  
15 attention to the handwritten notes that  
16 are underneath the typed section of the  
17 page. Do you see what I'm talking about?  
18 A. Yes.  
19 Q. All right. Do you recall  
20 testifying on Wednesday that those notes  
21 were your reflections on reading the  
22 document?  
23 A. Yes.  
24 Q. I want to get you to focus